RECON

An Employee-Owned Company

October 9, 2014

Ms. Mary Kathryn Kelley
Cooley LLP
4401 Eastgate Mall
San Diego, CA 92121

Reference: Southwest Key's Immigrant Youth Shelter, Escondido — Noise Impact Evaluation
            (RECON Number 7595)

Dear Ms. Kelley:

As requested, RECON Environmental, Inc. has evaluated the future noise impacts at the proposed Immigrant Youth Shelter located at 1817 Avenida Del Diablo in the City of Escondido. As detailed below, noise levels from operation of the proposed facility would not exceed the Escondido Noise Ordinance or conflict with the policies of the Escondido General Plan Noise Element. Additionally, the project would not result in a substantial change in ambient noise levels in the vicinity of the site.

Project Description

Southwest Key has applied for a conditional use permit from the City of Escondido to convert a vacant skilled nursing facility at 1817 Avenida Del Diablo in Escondido into a temporary housing facility for unaccompanied children. The Escondido Planning Commission denied that application, in part due to the potential for adverse noise impacts on the surrounding community.

On-site Improvements

Southwest Key will not make any alterations to the building structure or mechanical equipment associated with the existing facility. Southwest Key will erect a fence at the Avenida Del Diablo site.

Visitors and Parking

It is assumed that visitors for the minors at the Avenida Del Diablo site will be significantly fewer than when it was a nursing home.

The proposed Escondido program will have three shifts and a staggered start time to lessen the traffic and allow for smooth transition at the time clock as well as the parking lot. Thus, there will be adequate parking within the site with a potential for additional overflow parking along the adjacent frontage road.

Outdoor Recreation

Each minor will be given one hour of large muscle activity during the weekday and three hours on the weekend either within the building or off-site. The only outdoor recreation on-site will be quiet activities on the patio fronting Del Dios Highway.

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Definition of Terms

The impact of noise is not a function of loudness alone. The time of day when noise occurs and the duration of noise are also important. In addition, most noise that lasts for more than a few seconds is variable in its intensity. Consequently, a variety of noise descriptors have been developed. The noise descriptors used for this study are the one-hour equivalent noise level (L_{eq}) and the Community Noise Equivalent Level (CNEL).

The L_{eq} is the average A-weighted decibel [dB(A)] sound level over a one-hour period. The CNEL is a 24-hour A-weighted average sound level [dB(A) L_{eq}] from midnight to midnight obtained after the addition of 5 decibels (dB) to sound levels occurring between 7:00 PM and 10:00 PM, and 10 dB to sound levels occurring between 10:00 PM and 7:00 AM. A-weighting is a frequency correction that often correlates well with the subjective response of humans to noise. Adding 5 dB and 10 dB to the evening and nighttime hours, respectively, accounts for the added sensitivity of humans to noise during these time periods.

Sound from a small localized source (approximating a point source) radiates uniformly outward as it travels away from the source in a spherical pattern. The sound level decreases or drops off at a rate of 6 dB(A) for each doubling of the distance.

However, traffic noise is not a single, stationary point source of sound. The movement of vehicles makes the source of the sound appear to emanate from a line (line source) rather than a point when viewed over some time interval. The drop-off rate for a line source is 3 dB(A) for each doubling of distance.

Change in noise levels is perceived as follows: 3 dB(A) barely perceptible, 5 dB(A) readily perceptible, and 10 dB(A) perceived as a doubling or halving of noise (California Department of Transportation [Caltrans] 2013).

Applicable Standards

City of Escondido Municipal Code

Chapter 17, Article 12, Noise Abatement and Control (Noise Ordinance)

The Noise Ordinance establishes prohibitions for disturbing, excessive, or offensive noise and provisions such as sound level limits for the purpose of securing and promoting public health, comfort, safety, peace, and quiet for its citizens. Table 1 shows the allowable noise levels at any point on or beyond the boundaries of the property on which the sound is produced and corresponding times of day for each zoning designation. These noise standards apply to properties or portions of property of land use type reasonably similar to the land use types shown in Table 1. Where two or more dissimilar land uses occur on a single property, the most restrictive noise limit applies.

Environmental noise is measured by the L_{eq} for the hours as specified in Table 1. If the noise is continuous, the L_{eq} for any hour will be represented by any lesser time period within that hour. If the noise is intermittent, the L_{eq} for any hour may be represented by a time period typical of the operating cycle, but the measurement period must be 15 minutes or longer. If the measured ambient level exceeds the permissible noise level, the allowable noise exposure standard is the ambient noise level. Noise restrictions are listed in Sections 17-230 through 17-241 of the Noise Ordinance, such as specific regulations pertaining to motor vehicles and burglar alarms. Additional sections of the Noise Ordinance applicable to this analysis are listed below.

TABLE 1
CITY OF ESCONDIDO EXTERIOR SOUND LIMIT LEVELS

Zone	Time	Applicable Limit One-hour Average Sound Level (A-weighted Decibels)
Residential zones	7:00 AM to 10:00 PM	50
	10:00 PM. to 7:00 AM	45
Multi-residential zones	7:00 AM to 10:00 PM	55
	10:00 PM to 7:00 AM	50
Commercial zones	7:00 AM to 10:00 PM	60
	10:00 PM to 7:00 AM	55
Light industrial/Industrial park zones	Anytime	70
General industrial zones	Anytime	75

SOURCE: City of Escondido Municipal Code Section 17-229, Sound Level Limits.

Chapter 33, Article 47, Environmental Quality Regulations

The Environmental Quality Regulations implement the California Environmental Quality Act (CEQA) and the CEQA Guidelines by applying the provisions and procedures contained in CEQA to development projects proposed within the City of Escondido. Section (a)(2) pertains to noise impacts, specifically noise impacts related to the widening of Mobility and Infrastructure Element streets. According to this section, the following incremental noise increases are generally not considered significant:

- Short- or long-term increases, regardless of the extent, that do not result in noise increases in excess of general plan standards,

- Short- or long-term increases that result in a 3 dB(A) or less incremental increase in noise beyond the general plan's noise standards;

Existing Noise Levels

Existing noise levels at the project site were measured on September 12, 2014, using a Larson-Davis Model LxT, Type 1 Integrating Sound Level Meter, serial number 3829. The following parameters were used:

Filter:	A-weighted
Response:	Slow
Interval Period	1 minute
Time History Period:	1 second

The meter was calibrated before and after each measurement. The meter was set five feet above ground level for each measurement.

Noise measurements were taken to obtain typical ambient noise levels at the project site and in the vicinity. The weather was warm and partly cloudy with a slight breeze, two to four miles per hour on average. Two 20-minute measurements were taken, as described below. The primary source of on-site noise was due to traffic on West Valley Parkway. Secondary sources of noise were due to traffic on Avenida Del Diablo and Del Dios Highway. The locations of the measurements are shown on Figure 1, and the detailed noise measurement data are contained in Attachment 1.

ESQUIRE GLEN

AVENIDA DEL DIABLO

DEL DIOS RD

W VALLEY PKY

LORRY LN
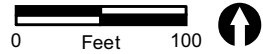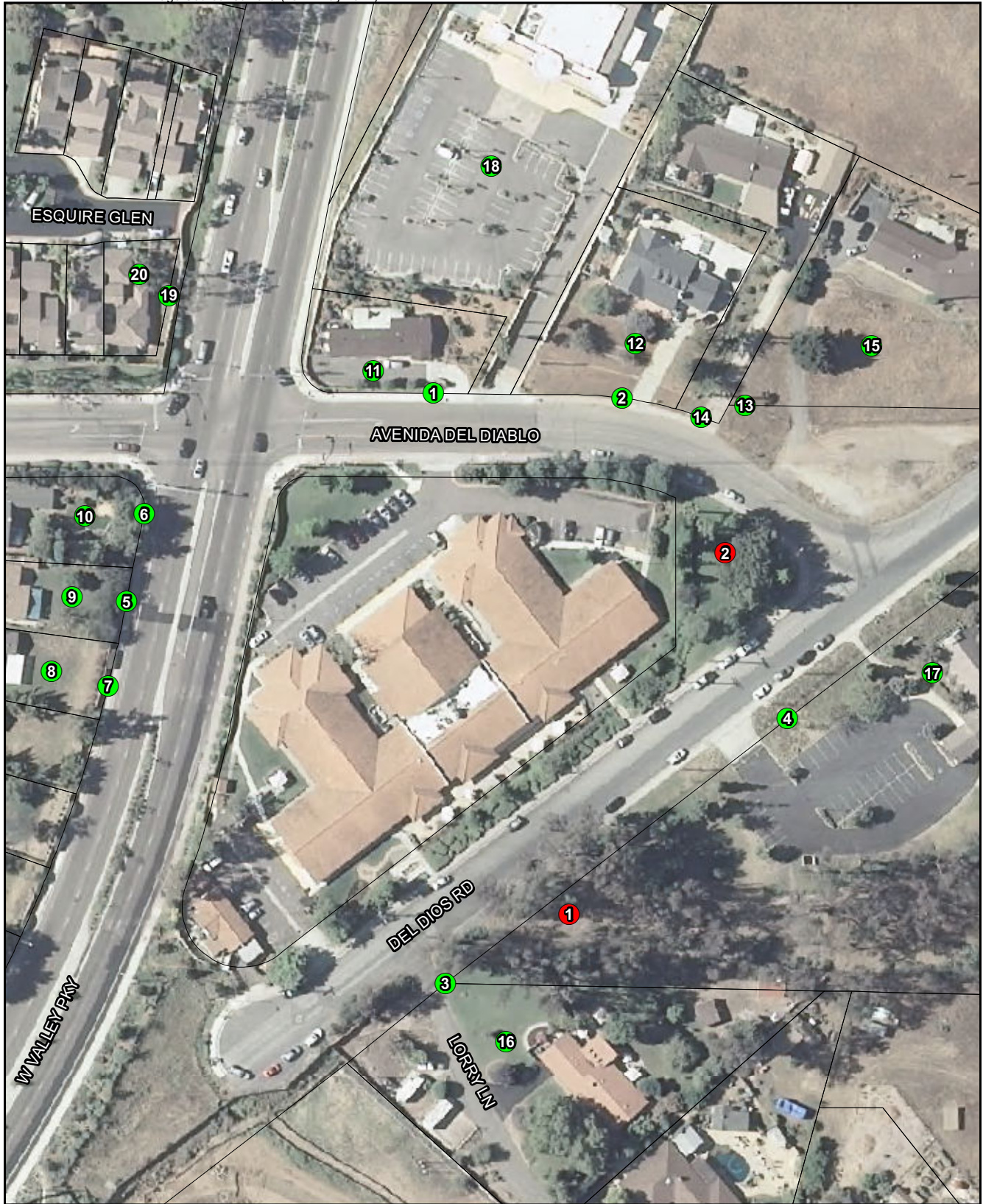
Lot Lines

Receivers

Noise Measurement Locations

FIGURE 1

Noise Measurement and
Modeled Receiver Locations

RECON

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Measurement 1 was located southeast of the project site approximately 50 feet from the edge of Del Dios Highway. The main noise source at this location was vehicle traffic on West Valley Parkway. The average measured noise level during Measurement 1 was 50.9 dB(A) L_{eq}. The background noise level, as estimated by the noise level exceeding 90 percent of the measurement period (L_{90}), was 46.0 dB(A) L_{90}.

Measurement 2 was located at the northeastern corner of the project site. The measurement was located approximately 50 feet south of Avenida Del Diablo and 70 feet west of Del Dios Highway. The main noise source at this location was vehicle traffic on West Valley Parkway with traffic on Avenida Del Diablo as a significant secondary source. During the measurement period, traffic was moving freely on all roadways. The average measured noise level during Measurement 2 was 53.8 dB(A) L_{eq}. The background noise level as estimated by the L_{90} was 49.0 dB(A).

Traffic Parameters

Existing traffic volumes and speeds were obtained from Chen Ryan Associates, who conducted traffic counts in September 2014. We understand that a site-specific analysis shows the proposed project would generate approximately 204 trips per day. However, if the proposed project generated the same number of trips as the San Diego Association of Governments' trip generation rates for a convalescent care facility (three trips per bed), the project would generate 288 daily trips. To ensure that all project traffic is accounted for, an increased rate of five trips per bed was also analyzed. Assuming the increased trip rate, the project would generate 480 daily trips.

Project trip distribution on area roadways was based upon distribution assumptions made by Chen Ryan and submitted to the City of Escondido for review. That information assumes 30 percent of the total daily trips would use Del Dios Highway, 60 percent of the trips would continue north onto West Valley Parkway, and 10 percent of the trips would go south to West Valley Parkway. Additionally, to be conservative for noise analysis purposes, 100 percent of daily trips were assumed to use Avenida Del Diablo.

The traffic volumes, vehicle mix, and speeds for surrounding roadways are shown in Table 2.

On-site Noise Sources

On-site noise sources would include the all mechanical equipment associated with the existing facility, parking, as well as residents and employees of the facility. However, the proposed use would not alter the existing facility or any of the mechanical equipment associated with it. Therefore, the primary on-site noise sources would be activity due to parking and facility residents using the patio fronting Del Dios Highway.

Methodology

Noise generated by traffic and on-site noise sources were modeled using a three-dimensional noise modeling software package, *SoundPLAN Essential, version 2.1* (SoundPLAN). All modeling was conservatively based on flat topographic conditions and acoustically reflective ground, i.e., an acoustically hard site, which results in the highest noise levels at the surrounding receivers. Traffic noise levels were modeled using the Federal Highway Administration's Traffic Noise Model vehicle noise algorithms.

TABLE 2
ROADWAY TRAFFIC PARAMETERS

Roadway	Segment	Existing ADT	Existing + Project ADT – 3 Trips per Bed	Existing + Project ADT – 5 Trips per Bed	Existing + Project ADT 204 Trips	Percent Autos	Percent Medium Trucks	Percent Heavy Trucks	Speed (mph)
W. Valley Parkway	North of Avenida Del Diablo	19,869	20,042	2,0157	20,164	97%	3%	2%	45
	South of Avenida Del Diablo	19,563	19,592	1,9611	19,583	97%	3%	2%	45
Avenida Del Diablo	W. Valley Parkway to Del Dios Highway	1,867	2,155	2,347	2,071	97%	2%	1%	35
	West of Valley Parkway	2,352	2,352	2,352	2,352	97%	2%	1%	35
Del Dios Highway	North of Avenida Del Diablo	1,870	1,956	2,014	1,931	97%	2%	1%	35
	South of Avenida Del Diablo	80	166	224	141	100%	0%	0%	35

ADT = average daily traffic.

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Analysis

Traffic Noise

Noise generated by vehicle traffic was modeled for the existing condition and for the existing plus project condition using the parameters shown in Table 2. Noise contours were calculated and noise levels were modeled at a series of 20 receivers located at residential receptors in the vicinity of the project. Modeled receiver locations are shown in Figure 1. Table 3 summarizes the vehicle traffic noise levels at the modeled receivers.

TABLE 3
VEHICLE TRAFFIC NOISE LEVELS
(CNEL)

Receiver	Existing Noise Level	Existing Plus Project Noise Level – 3 Trips per Bed	Change in dB over Existing	Existing Plus Project Noise Level – 5 Trips per Bed	Change in dB over Existing	Existing Plus Project Noise Level – 204 Trips	Change in dB over Existing
1	60	61	1	61	1	61	1
2	58	58	0	59	1	58	0
3	52	52	0	52	0	52	0
4	48	49	1	49	1	49	1
5	68	68	0	68	0	68	0
6	67	67	0	67	0	67	0
7	68	68	0	68	0	68	0
8	62	62	0	62	0	62	0
9	62	62	0	62	0	62	0
10	62	62	0	62	0	62	0
11	61	61	0	61	0	61	0
12	54	54	0	54	0	54	0
13	54	54	0	55	1	54	0
14	58	58	0	58	0	58	0
15	50	50	0	50	0	50	0
16	50	50	0	50	0	50	0
17	49	49	0	50	1	49	0
18	56	57	1	57	1	57	1
19	60	61	1	61	1	61	1
20	59	59	0	59	0	59	0

As shown, the project would result in traffic noise increases ranging from 0 to 1 dB. Increases would be less than 3 dB and would not be audible. Traffic noise impacts due to the project would be less than significant.

On-site Noise

On-site noise sources would include parking and facility residents using the patio fronting Del Dios Highway. Sound power levels for these activities were obtained from the SoundPLAN database. Vehicles arriving and parking, doors opening and closing, and vehicles starting and leaving generate an aggregate sound power level of 97.1 dB. The parking lots on the west and north sides of the building and along the frontage road were modeled as area sources, each of which generates a sound power level of 97.1 dB.

The SoundPLAN database contains sound power levels for people speaking at various levels and for people laughing. Of these sound power levels, the loudest is associated with people laughing and is 87.9 dB. To be conservative, noise generated by residents using the patio was assumed to be equivalent to the sound power level generated by laughter. This noise would be intermittent. Using this sound power level, it was calculated that residents on the patio would generate an

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average hourly sound power level of 77.1 dB. This noise level was modeled as a point source centered at seven tables located on the patio.

Table 4 summarizes the on-site generated noise levels at the 20 modeled receivers shown in Figure 1.
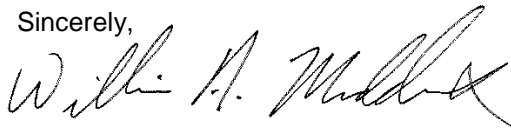
TABLE 4
ON-SITE GENERATED NOISE LEVELS

Receiver	Noise Level Due to On-Site Sources
1	54
2	53
3	52
4	45
5	52
6	51
7	53
8	51
9	50
10	50
11	52
12	50
13	48
14	51
15	44
16	48
17	43
18	46
19	48
20	47

As shown, noise levels would range from 43 to 53 dB(A) L_{eq}. If the measured ambient level exceeds the permissible noise level, the allowable noise exposure standard is the ambient noise level. The existing ambient noise levels due to traffic noise at each of the modeled receivers are shown in Table 3. Noise levels due to on-site noise sources would be less than these existing ambient noise levels for all modeled receivers. Thus, noise impacts due to on-site sources would be less than significant.

If you have any questions, please do not hesitate to contact me at (619) 308-9333 x124.

Sincerely,

William Maddux
Senior Noise Specialist

WAM:jg

Attachment

Reference Cited

California Department of Transportation (Caltrans)
    2013   Technical Noise Supplement. November.

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ATTACHMENT 1

Existing Traffic

Receivers.txt

Conflict No.	Receiver name	Building	Floor	Limit L(Aeq1h)	Level w/o NP L(Aeq1h)	Level w. NP L(Aeq1h)	Difference L(Aeq1h)
L(Aeq1h)	L(Aeq1h) side		dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1	1	1.Fl	-	60.3	0.0	-60.3	-
2	2	1.Fl	-	58.0	0.0	-58.0	-
3	3	1.Fl	-	52.0	0.0	-52.0	-
4	4	1.Fl	-	48.2	0.0	-48.2	-
5	5	1.Fl	-	67.8	0.0	-67.8	-
6	6	1.Fl	-	67.4	0.0	-67.4	-
7	7	1.Fl	-	68.0	0.0	-68.0	-
8	8	1.Fl	-	62.2	0.0	-62.2	-
9	9	1.Fl	-	62.4	0.0	-62.4	-
10	10	1.Fl	-	62.1	0.0	-62.1	-
11	11	1.Fl	-	61.0	0.0	-61.0	-
12	12	1.Fl	-	53.8	0.0	-53.8	-
13	13	1.Fl	-	54.0	0.0	-54.0	-
14	14	1.Fl	-	57.6	0.0	-57.6	-
15	15	1.Fl	-	50.0	0.0	-50.0	-
16	16	1.Fl	-	50.3	0.0	-50.3	-
17	17	1.Fl	-	49.0	0.0	-49.0	-
18	18	1.Fl	-	56.4	0.0	-56.4	-
19	19	1.Fl	-	60.4	0.0	-60.4	-
20	20	1.Fl	-	58.9	0.0	-58.9	-

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                              Contributions.txt
                   Level w/o NP      Level w. NP
Source name        Lane      L(Aeq1h)          L(Aeq1h)
                   dB(A)     dB(A)
     1        1.Fl       60.3           0.0
EB Avenida Del Diablo            55.5     0.0
NB Del Dios Highway              31.6     0.0
NB W Valley Parkway              56.4     0.0
SB Del Dios Highway              31.4     0.0
SB W Valley Parkway              50.8     0.0
WB Avenida Del Diablo            51.7     0.0
     2        1.Fl       58.0           0.0
EB Avenida Del Diablo            55.4     0.0
NB Del Dios Highway              35.9     0.0
NB W Valley Parkway              50.2     0.0
SB Del Dios Highway              35.8     0.0
SB W Valley Parkway              44.2     0.0
WB Avenida Del Diablo            51.6     0.0
     3        1.Fl       52.0           0.0
EB Avenida Del Diablo            28.0     0.0
NB Del Dios Highway              36.6     0.0
NB W Valley Parkway              49.3     0.0
SB Del Dios Highway              34.8     0.0
SB W Valley Parkway              48.1     0.0
WB Avenida Del Diablo            28.5     0.0
     4        1.Fl       48.2           0.0
EB Avenida Del Diablo            39.4     0.0
NB Del Dios Highway              40.3     0.0
NB W Valley Parkway              43.5     0.0
SB Del Dios Highway              38.4     0.0
SB W Valley Parkway              38.5     0.0
WB Avenida Del Diablo            40.0     0.0
     5        1.Fl       67.8           0.0
EB Avenida Del Diablo            43.1     0.0
NB Del Dios Highway              24.3     0.0
NB W Valley Parkway              61.2     0.0
SB Del Dios Highway              24.7     0.0
SB W Valley Parkway              66.7     0.0
WB Avenida Del Diablo            43.9     0.0
     6        1.Fl       67.4           0.0
EB Avenida Del Diablo            47.2     0.0
NB Del Dios Highway              26.8     0.0
NB W Valley Parkway              60.9     0.0
SB Del Dios Highway              27.0     0.0
SB W Valley Parkway              66.2     0.0
WB Avenida Del Diablo            48.9     0.0
     7        1.Fl       68.0           0.0
EB Avenida Del Diablo            40.2     0.0
NB Del Dios Highway              22.0     0.0
NB W Valley Parkway              61.2     0.0
SB Del Dios Highway              22.3     0.0
SB W Valley Parkway              67.0     0.0
WB Avenida Del Diablo            40.8     0.0
     8        1.Fl       62.2           0.0
EB Avenida Del Diablo            40.6     0.0
NB Del Dios Highway              22.6     0.0
NB W Valley Parkway              57.8     0.0
SB Del Dios Highway              22.9     0.0
SB W Valley Parkway              60.2     0.0
WB Avenida Del Diablo            41.3     0.0
     9        1.Fl       62.4           0.0
EB Avenida Del Diablo            43.2     0.0
NB Del Dios Highway              24.5     0.0
NB W Valley Parkway              58.0     0.0
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SB Del Dios Highway          24.8    0.0
SB W Valley Parkway          60.2    0.0
WB Avenida Del Diablo        44.1    0.0
      10           1.Fl    62.1      0.0
EB Avenida Del Diablo        47.1    0.0
NB Del Dios Highway          26.2    0.0
NB W Valley Parkway          57.8    0.0
SB Del Dios Highway          26.5    0.0
SB W Valley Parkway          59.5    0.0
WB Avenida Del Diablo        48.7    0.0
      11           1.Fl    61.0      0.0
EB Avenida Del Diablo        51.6    0.0
NB Del Dios Highway          30.7    0.0
NB W Valley Parkway          59.4    0.0
SB Del Dios Highway          30.5    0.0
SB W Valley Parkway          52.0    0.0
WB Avenida Del Diablo        49.0    0.0
      12           1.Fl    53.8      0.0
EB Avenida Del Diablo        47.6    0.0
NB Del Dios Highway          35.7    0.0
NB W Valley Parkway          50.3    0.0
SB Del Dios Highway          35.6    0.0
SB W Valley Parkway          43.9    0.0
WB Avenida Del Diablo        46.1    0.0
      13           1.Fl    54.0      0.0
EB Avenida Del Diablo        50.2    0.0
NB Del Dios Highway          39.1    0.0
NB W Valley Parkway          47.4    0.0
SB Del Dios Highway          39.0    0.0
SB W Valley Parkway          40.7    0.0
WB Avenida Del Diablo        47.9    0.0
      14           1.Fl    57.6      0.0
EB Avenida Del Diablo        55.4    0.0
NB Del Dios Highway          38.1    0.0
NB W Valley Parkway          48.2    0.0
SB Del Dios Highway          37.8    0.0
SB W Valley Parkway          41.7    0.0
WB Avenida Del Diablo        51.5    0.0
      15           1.Fl    50.0      0.0
EB Avenida Del Diablo        41.8    0.0
NB Del Dios Highway          41.3    0.0
NB W Valley Parkway          45.6    0.0
SB Del Dios Highway          41.9    0.0
SB W Valley Parkway          38.6    0.0
WB Avenida Del Diablo        40.9    0.0
      16           1.Fl    50.3      0.0
EB Avenida Del Diablo        28.3    0.0
NB Del Dios Highway          32.0    0.0
NB W Valley Parkway          47.7    0.0
SB Del Dios Highway          31.3    0.0
SB W Valley Parkway          46.6    0.0
WB Avenida Del Diablo        28.5    0.0
      17           1.Fl    49.0      0.0
EB Avenida Del Diablo        40.0    0.0
NB Del Dios Highway          43.5    0.0
NB W Valley Parkway          43.0    0.0
SB Del Dios Highway          41.1    0.0
SB W Valley Parkway          37.0    0.0
WB Avenida Del Diablo        39.9    0.0
      18           1.Fl    56.4      0.0
EB Avenida Del Diablo        40.2    0.0
NB Del Dios Highway          31.6    0.0
NB W Valley Parkway          55.8    0.0
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SB Del Dios Highway           31.6    0.0
SB W Valley Parkway           45.8    0.0
WB Avenida Del Diablo         39.7    0.0
    19         1.Fl     60.4          0.0
EB Avenida Del Diablo         45.6    0.0
NB Del Dios Highway           28.2    0.0
NB W Valley Parkway           59.2    0.0
SB Del Dios Highway           28.0    0.0
SB W Valley Parkway           53.1    0.0
WB Avenida Del Diablo         44.5    0.0
    20         1.Fl     58.9          0.0
EB Avenida Del Diablo         44.6    0.0
NB Del Dios Highway           27.9    0.0
NB W Valley Parkway           57.6    0.0
SB Del Dios Highway           27.7    0.0
SB W Valley Parkway           51.9    0.0
WB Avenida Del Diablo         43.7    0.0
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Road.txt

Stationing (km)	ADT (Veh/24h)	Vehicles type	Vehicle name	Veh/h	Min / Max km/h	Control day (km/h)	Constr. Speed (%)	Affect. device	Affect. (%)	Gradient Speed veh. — Road surface	Gradient (%)

NB W Valley Parkway — Traffic direction: In entry direction

Stationing	ADT	Vehicles type	Vehicle name	Veh/h	Min/Max km/h	day km/h	Speed %	device	Affect %	Road surface	Gradient %
0+000	21984	Total	-	916	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Automobiles	-	871	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Medium trucks	-	27	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Heavy trucks	-	18	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Buses	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Motorcycles	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21984	Auxiliary Vehicle	-	-	-		none	-	-	Average (of DGAC and PCC)	0.0
0+262	21312	Total	-	888	-	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Automobiles	-	844	72	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Medium trucks	-	26	72	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Heavy trucks	-	18	72	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Buses	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Motorcycles	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+262	21312	Auxiliary Vehicle	-	-	-		none	-	-	Average (of DGAC and PCC)	0.0
0+459	-					-	-	-	-		-

SB W Valley Parkway — Traffic direction: In entry direction

Stationing	ADT	Vehicles type	Vehicle name	Veh/h	Min/Max km/h	day km/h	Speed %	device	Affect %	Road surface	Gradient %
0+000	21312	Total	-	888	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Automobiles	-	844	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Medium trucks	-	26	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Heavy trucks	-	18	72	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Buses	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Motorcycles	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+000	21312	Auxiliary Vehicle	-	-	-		none	-	-	Average (of DGAC and PCC)	0.0
0+198	21984	Total	-	916	-	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Automobiles	-	871	72	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Medium trucks	-	27	72	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Heavy trucks	-	18	72	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Buses	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Motorcycles	-	-	-	none	-	-		Average (of DGAC and PCC)	0.0
0+198	21984	Auxiliary Vehicle	-	-	-		none	-	-		

```
Average (of DGAC and PCC)          0.0
0+449   -                                        -        -        -        -        -
   SB Del Dios Highway      Traffic direction:    In entry direction
0+000   2256      Total      -      94      -      none     -        -       Average (of
DGAC and PCC)     0.0
0+000   2256      Automobiles    -      91     56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   2256      Medium trucks   -      2      56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   2256      Heavy trucks    -      1      56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   2256      Buses      -       -        -      none     -        -       Average (of
DGAC and PCC)     0.0
0+000   2256      Motorcycles    -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+000   2256      Auxiliary Vehicle   -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+274   96       Total      -      4       -      none     -        -       Average (of
DGAC and PCC)     0.0
0+274   96       Automobiles    -      4      56      none     -        -
Average (of DGAC and PCC)          0.0
0+274   96       Medium trucks   -       -     56      none     -        -
Average (of DGAC and PCC)          0.0
0+274   96       Heavy trucks    -       -     56      none     -        -
Average (of DGAC and PCC)          0.0
0+274   96       Buses      -       -        -      none     -        -       Average (of
DGAC and PCC)     0.0
0+274   96       Motorcycles    -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+274   96       Auxiliary Vehicle   -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+468   -                                        -        -        -        -        -
   NB Del Dios Highway      Traffic direction:    In entry direction
0+000   96       Total      -      4       -      none     -        -       Average (of
DGAC and PCC)     0.0
0+000   96       Automobiles    -      4      56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   96       Medium trucks   -       -     56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   96       Heavy trucks    -       -     56      none     -        -
Average (of DGAC and PCC)          0.0
0+000   96       Buses      -       -        -      none     -        -       Average (of
DGAC and PCC)     0.0
0+000   96       Motorcycles    -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+000   96       Auxiliary Vehicle   -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+185   2256      Total      -      94      -      none     -        -       Average (of
DGAC and PCC)     0.0
0+185   2256      Automobiles    -      91     56      none     -        -
Average (of DGAC and PCC)          0.0
0+185   2256      Medium trucks   -      2      56      none     -        -
Average (of DGAC and PCC)          0.0
0+185   2256      Heavy trucks    -      1      56      none     -        -
Average (of DGAC and PCC)          0.0
0+185   2256      Buses      -       -        -      none     -        -       Average (of
DGAC and PCC)     0.0
0+185   2256      Motorcycles    -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+185   2256      Auxiliary Vehicle   -       -        -      none     -        -
Average (of DGAC and PCC)          0.0
0+471   -                                        -        -        -        -        -
   EB Avenida Del Diablo      Traffic direction:    In entry direction
```

Road.txt

0+000	2256	Total	-	94	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Automobiles	-	91	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Medium trucks	-	2	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Heavy trucks	-	1	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2256	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Total	-	103	-	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Automobiles	-	100	56	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Medium trucks	-	2	56	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Heavy trucks	-	1	56	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+164	2472	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+345	-				-	-	-	-	-	

WB Avenida Del Diablo   Traffic direction: In entry direction

0+000	2472	Total	-	103	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Automobiles	-	100	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Medium trucks	-	2	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Heavy trucks	-	1	56	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	2472	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Total	-	94	-	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Automobiles	-	91	56	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Medium trucks	-	2	56	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Heavy trucks	-	1	56	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+179	2256	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+342	-				-	-	-	-	-	

3-Trips Per Bed

```
                                Receivers.txt
                              Limit   Level w/o NP    Level w. NP      Difference
Conflict
No.      Receiver name    Building        Floor    L(Aeq1h)        L(Aeq1h)
L(Aeq1h)                  L(Aeq1h)        L(Aeq1h)
                          side            dB(A)    dB(A)    dB(A)   dB(A)    dB(A)
1        1                1.Fl            -        60.5     0.0     -60.5    -
2        2                1.Fl            -        58.3     0.0     -58.3    -
3        3                1.Fl            -        52.2     0.0     -52.2    -
4        4                1.Fl            -        48.8     0.0     -48.8    -
5        5                1.Fl            -        67.8     0.0     -67.8    -
6        6                1.Fl            -        67.4     0.0     -67.4    -
7        7                1.Fl            -        68.0     0.0     -68.0    -
8        8                1.Fl            -        62.2     0.0     -62.2    -
9        9                1.Fl            -        62.4     0.0     -62.4    -
10       10               1.Fl            -        62.1     0.0     -62.1    -
11       11               1.Fl            -        61.1     0.0     -61.1    -
12       12               1.Fl            -        54.0     0.0     -54.0    -
13       13               1.Fl            -        54.3     0.0     -54.3    -
14       14               1.Fl            -        58.0     0.0     -58.0    -
15       15               1.Fl            -        50.2     0.0     -50.2    -
16       16               1.Fl            -        50.4     0.0     -50.4    -
17       17               1.Fl            -        49.3     0.0     -49.3    -
18       18               1.Fl            -        56.5     0.0     -56.5    -
19       19               1.Fl            -        60.5     0.0     -60.5    -
20       20               1.Fl            -        58.9     0.0     -58.9    -
21       21               1.Fl            -        37.5     0.0     -37.5    -
```

```
                              Contributions.txt
                    Level w/o NP    Level w. NP
Source name         Lane    L(Aeq1h)        L(Aeq1h)
                    dB(A)   dB(A)
        1          1.Fl     60.5            0.0
EB Avenida Del Diablo              56.0     0.0
NB Del Dios Highway               31.7     0.0
NB W Valley Parkway               56.5     0.0
SB Del Dios Highway               31.5     0.0
SB W Valley Parkway               50.8     0.0
WB Avenida Del Diablo             52.2     0.0
        2          1.Fl     58.3            0.0
EB Avenida Del Diablo              55.8     0.0
NB Del Dios Highway               36.1     0.0
NB W Valley Parkway               50.3     0.0
SB Del Dios Highway               36.1     0.0
SB W Valley Parkway               44.2     0.0
WB Avenida Del Diablo             52.0     0.0
        3          1.Fl     52.2            0.0
EB Avenida Del Diablo              28.4     0.0
NB Del Dios Highway               39.6     0.0
NB W Valley Parkway               49.3     0.0
SB Del Dios Highway               37.8     0.0
SB W Valley Parkway               48.1     0.0
WB Avenida Del Diablo             28.9     0.0
        4          1.Fl     48.8            0.0
EB Avenida Del Diablo              39.8     0.0
NB Del Dios Highway               42.0     0.0
NB W Valley Parkway               43.5     0.0
SB Del Dios Highway               39.9     0.0
SB W Valley Parkway               38.5     0.0
WB Avenida Del Diablo             40.4     0.0
        5          1.Fl     67.8            0.0
EB Avenida Del Diablo              43.6     0.0
NB Del Dios Highway               24.7     0.0
NB W Valley Parkway               61.2     0.0
SB Del Dios Highway               25.1     0.0
SB W Valley Parkway               66.7     0.0
WB Avenida Del Diablo             44.4     0.0
        6          1.Fl     67.5            0.0
EB Avenida Del Diablo              47.8     0.0
NB Del Dios Highway               26.9     0.0
NB W Valley Parkway               61.0     0.0
SB Del Dios Highway               27.2     0.0
SB W Valley Parkway               66.2     0.0
WB Avenida Del Diablo             49.5     0.0
        7          1.Fl     68.0            0.0
EB Avenida Del Diablo              40.7     0.0
NB Del Dios Highway               23.0     0.0
NB W Valley Parkway               61.2     0.0
SB Del Dios Highway               23.3     0.0
SB W Valley Parkway               67.0     0.0
WB Avenida Del Diablo             41.3     0.0
        8          1.Fl     62.2            0.0
EB Avenida Del Diablo              41.1     0.0
NB Del Dios Highway               23.3     0.0
NB W Valley Parkway               57.8     0.0
SB Del Dios Highway               23.6     0.0
SB W Valley Parkway               60.2     0.0
WB Avenida Del Diablo             41.8     0.0
        9          1.Fl     62.4            0.0
EB Avenida Del Diablo              43.7     0.0
NB Del Dios Highway               24.8     0.0
NB W Valley Parkway               58.1     0.0
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SB Del Dios Highway                    25.1     0.0
SB W Valley Parkway                    60.2     0.0
WB Avenida Del Diablo                  44.6     0.0
    10          1.Fl          62.2              0.0
EB Avenida Del Diablo                  47.6     0.0
NB Del Dios Highway                    26.4     0.0
NB W Valley Parkway                    57.8     0.0
SB Del Dios Highway                    26.7     0.0
SB W Valley Parkway                    59.5     0.0
WB Avenida Del Diablo                  49.3     0.0
    11          1.Fl          61.1              0.0
EB Avenida Del Diablo                  52.0     0.0
NB Del Dios Highway                    30.8     0.0
NB W Valley Parkway                    59.4     0.0
SB Del Dios Highway                    30.6     0.0
SB W Valley Parkway                    52.0     0.0
WB Avenida Del Diablo                  49.5     0.0
    12          1.Fl          54.0              0.0
EB Avenida Del Diablo                  48.1     0.0
NB Del Dios Highway                    35.9     0.0
NB W Valley Parkway                    50.3     0.0
SB Del Dios Highway                    35.9     0.0
SB W Valley Parkway                    43.9     0.0
WB Avenida Del Diablo                  46.5     0.0
    13          1.Fl          54.3              0.0
EB Avenida Del Diablo                  50.6     0.0
NB Del Dios Highway                    39.3     0.0
NB W Valley Parkway                    47.4     0.0
SB Del Dios Highway                    39.3     0.0
SB W Valley Parkway                    40.8     0.0
WB Avenida Del Diablo                  48.4     0.0
    14          1.Fl          58.0              0.0
EB Avenida Del Diablo                  55.8     0.0
NB Del Dios Highway                    38.3     0.0
NB W Valley Parkway                    48.2     0.0
SB Del Dios Highway                    38.1     0.0
SB W Valley Parkway                    41.8     0.0
WB Avenida Del Diablo                  51.9     0.0
    15          1.Fl          50.2              0.0
EB Avenida Del Diablo                  42.2     0.0
NB Del Dios Highway                    41.5     0.0
NB W Valley Parkway                    45.6     0.0
SB Del Dios Highway                    42.1     0.0
SB W Valley Parkway                    38.7     0.0
WB Avenida Del Diablo                  41.3     0.0
    16          1.Fl          50.4              0.0
EB Avenida Del Diablo                  28.7     0.0
NB Del Dios Highway                    34.1     0.0
NB W Valley Parkway                    47.7     0.0
SB Del Dios Highway                    33.4     0.0
SB W Valley Parkway                    46.6     0.0
WB Avenida Del Diablo                  28.9     0.0
    17          1.Fl          49.3              0.0
EB Avenida Del Diablo                  40.4     0.0
NB Del Dios Highway                    43.8     0.0
NB W Valley Parkway                    43.0     0.0
SB Del Dios Highway                    41.5     0.0
SB W Valley Parkway                    37.0     0.0
WB Avenida Del Diablo                  40.3     0.0
    18          1.Fl          56.5              0.0
EB Avenida Del Diablo                  40.6     0.0
NB Del Dios Highway                    31.8     0.0
NB W Valley Parkway                    55.8     0.0
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SB Del Dios Highway            31.7      0.0
SB W Valley Parkway            45.8      0.0
WB Avenida Del Diablo          40.1      0.0
    19           1.Fl    60.5            0.0
EB Avenida Del Diablo          46.1      0.0
NB Del Dios Highway            28.3      0.0
NB W Valley Parkway            59.3      0.0
SB Del Dios Highway            28.1      0.0
SB W Valley Parkway            53.1      0.0
WB Avenida Del Diablo          45.0      0.0
    20           1.Fl    59.0            0.0
EB Avenida Del Diablo          45.1      0.0
NB Del Dios Highway            28.0      0.0
NB W Valley Parkway            57.6      0.0
SB Del Dios Highway            27.8      0.0
SB W Valley Parkway            51.9      0.0
WB Avenida Del Diablo          44.2      0.0
    21           1.Fl    37.5            0.0
EB Avenida Del Diablo          23.0      0.0
NB Del Dios Highway            28.0      0.0
NB W Valley Parkway            34.6      0.0
SB Del Dios Highway            27.7      0.0
SB W Valley Parkway            30.3      0.0
WB Avenida Del Diablo          22.7      0.0
```

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                                    Road.txt
                  Traffic values                        Control  Constr.  Affect.
Gradient
Stationing    ADT     Vehicles type    Vehicle name    day      Speed    device
Speed    veh.    Road surface    Min / Max
km       Veh/24h                  Veh/h    km/h          km/h     %                  %
   NB W Valley Parkway       Traffic direction:    In entry direction
0+000   22152    Total     -     923      -        none     -        -        Average (of
DGAC and PCC)    0.0
0+000   22152    Automobiles    -        878      72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   22152    Medium trucks    -        27       72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   22152    Heavy trucks     -        18       72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   22152    Buses    -        -        -        none     -        -        Average (of
DGAC and PCC)    0.0
0+000   22152    Motorcycles      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+000   22152    Auxiliary Vehicle      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+262   21480    Total     -     895      -        none     -        -        Average (of
DGAC and PCC)    0.0
0+262   21480    Automobiles    -        850      72       none     -        -
Average (of DGAC and PCC)      0.0
0+262   21480    Medium trucks    -        27       72       none     -        -
Average (of DGAC and PCC)      0.0
0+262   21480    Heavy trucks     -        18       72       none     -        -
Average (of DGAC and PCC)      0.0
0+262   21480    Buses    -        -        -        none     -        -        Average (of
DGAC and PCC)    0.0
0+262   21480    Motorcycles      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+262   21480    Auxiliary Vehicle      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+459   -                               -        -        -        -        -
   SB W Valley Parkway       Traffic direction:    In entry direction
0+000   21480    Total     -     895      -        none     -        -        Average (of
DGAC and PCC)    0.0
0+000   21480    Automobiles    -        850      72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   21480    Medium trucks    -        27       72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   21480    Heavy trucks     -        18       72       none     -        -
Average (of DGAC and PCC)      0.0
0+000   21480    Buses    -        -        -        none     -        -        Average (of
DGAC and PCC)    0.0
0+000   21480    Motorcycles      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+000   21480    Auxiliary Vehicle      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+198   22152    Total     -     923      -        none     -        -        Average (of
DGAC and PCC)    0.0
0+198   22152    Automobiles    -        878      72       none     -        -
Average (of DGAC and PCC)      0.0
0+198   22152    Medium trucks    -        27       72       none     -        -
Average (of DGAC and PCC)      0.0
0+198   22152    Heavy trucks     -        18       72       none     -        -
Average (of DGAC and PCC)      0.0
0+198   22152    Buses    -        -        -        none     -        -        Average (of
DGAC and PCC)    0.0
0+198   22152    Motorcycles      -        -        -        none     -        -
Average (of DGAC and PCC)      0.0
0+198   22152    Auxiliary Vehicle      -        -        -        none     -        -
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Average (of DGAC and PCC)        0.0
0+286    22152    Total      -    923     -         none   -       -         Average (of
DGAC and PCC)    0.0
0+286    22152    Automobiles    -    878    72    none   -       -
Average (of DGAC and PCC)        0.0
0+286    22152    Medium trucks  -    27     72    none   -       -
Average (of DGAC and PCC)        0.0
0+286    22152    Heavy trucks   -    18     72    none   -       -
Average (of DGAC and PCC)        0.0
0+286    22152    Buses      -    -      -         none   -       -         Average (of
DGAC and PCC)    0.0
0+286    22152    Motorcycles    -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+286    22152    Auxiliary Vehicle   -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+449    -                                        -       -       -         -       -
   SB Del Dios Highway       Traffic direction:    In entry direction
0+000    2352     Total      -    98      -         none   -       -         Average (of
DGAC and PCC)    0.0
0+000    2352     Automobiles    -    95     56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    2352     Medium trucks  -    2      56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    2352     Heavy trucks   -    1      56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    2352     Buses      -    -      -         none   -       -         Average (of
DGAC and PCC)    0.0
0+000    2352     Motorcycles    -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+000    2352     Auxiliary Vehicle   -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+274    216      Total      -    9       -         none   -       -         Average (of
DGAC and PCC)    0.0
0+274    216      Automobiles    -    9      56    none   -       -
Average (of DGAC and PCC)        0.0
0+274    216      Medium trucks  -    -      56    none   -       -
Average (of DGAC and PCC)        0.0
0+274    216      Heavy trucks   -    -      56    none   -       -
Average (of DGAC and PCC)        0.0
0+274    216      Buses      -    -      -         none   -       -         Average (of
DGAC and PCC)    0.0
0+274    216      Motorcycles    -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+274    216      Auxiliary Vehicle   -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+468    -                                        -       -       -         -       -
   NB Del Dios Highway       Traffic direction:    In entry direction
0+000    216      Total      -    9       -         none   -       -         Average (of
DGAC and PCC)    0.0
0+000    216      Automobiles    -    9      56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    216      Medium trucks  -    -      56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    216      Heavy trucks   -    -      56    none   -       -
Average (of DGAC and PCC)        0.0
0+000    216      Buses      -    -      -         none   -       -         Average (of
DGAC and PCC)    0.0
0+000    216      Motorcycles    -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+000    216      Auxiliary Vehicle   -    -      -         none   -       -
Average (of DGAC and PCC)        0.0
0+185    2352     Total      -    98      -         none   -       -         Average (of
DGAC and PCC)    0.0
```

0+185	2352	Automobiles	-	95	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+185	2352	Medium trucks	-	2	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+185	2352	Heavy trucks	-	1	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+185	2352	Buses	-	-	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+185	2352	Motorcycles	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+185	2352	Auxiliary Vehicle	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+471	-			-	-	-	-	-	

EB Avenida Del Diablo   Traffic direction: In entry direction

0+000	2592	Total	-	108	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+000	2592	Automobiles	-	105	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2592	Medium trucks	-	2	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2592	Heavy trucks	-	1	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2592	Buses	-	-	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+000	2592	Motorcycles	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2592	Auxiliary Vehicle	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+164	2784	Total	-	116	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+164	2784	Automobiles	-	112	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+164	2784	Medium trucks	-	3	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+164	2784	Heavy trucks	-	1	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+164	2784	Buses	-	-	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+164	2784	Motorcycles	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+164	2784	Auxiliary Vehicle	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+345	-			-	-	-	-	-	

WB Avenida Del Diablo   Traffic direction: In entry direction

0+000	2784	Total	-	116	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+000	2784	Automobiles	-	112	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2784	Medium trucks	-	3	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2784	Heavy trucks	-	1	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2784	Buses	-	-	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+000	2784	Motorcycles	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+000	2784	Auxiliary Vehicle	-	-	-	none	-	-	
Average (of DGAC and PCC)			0.0						
0+179	2592	Total	-	108	-	none	-	-	Average (of
DGAC and PCC)	0.0								
0+179	2592	Automobiles	-	105	56	none	-	-	
Average (of DGAC and PCC)			0.0						
0+179	2592	Medium trucks	-	2	56	none	-	-	

Road.txt

```
Average (of DGAC and PCC)        0.0
0+179   2592    Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)        0.0
0+179   2592    Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+179   2592    Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)        0.0
0+179   2592    Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)        0.0
0+342   -                               -       -       -       -       -
```

5-Trips per Bed

Receivers.txt

Conflict No.	Receiver name	Building	Floor	Limit L(Aeq1h)	Level w/o NP L(Aeq1h)	Level w. NP L(Aeq1h)	Difference L(Aeq1h)
L(Aeq1h)	L(Aeq1h) side		L(Aeq1h) dB(A)	dB(A)	dB(A)	dB(A)	dB(A)
1	1	1.Fl	-	60.8	0.0	-60.8	-
2	2	1.Fl	-	58.8	0.0	-58.8	-
3	3	1.Fl	-	52.3	0.0	-52.3	-
4	4	1.Fl	-	49.1	0.0	-49.1	-
5	5	1.Fl	-	67.8	0.0	-67.8	-
6	6	1.Fl	-	67.4	0.0	-67.4	-
7	7	1.Fl	-	68.0	0.0	-68.0	-
8	8	1.Fl	-	62.2	0.0	-62.2	-
9	9	1.Fl	-	62.4	0.0	-62.4	-
10	10	1.Fl	-	62.1	0.0	-62.1	-
11	11	1.Fl	-	61.2	0.0	-61.2	-
12	12	1.Fl	-	54.2	0.0	-54.2	-
13	13	1.Fl	-	54.6	0.0	-54.6	-
14	14	1.Fl	-	58.4	0.0	-58.4	-
15	15	1.Fl	-	50.3	0.0	-50.3	-
16	16	1.Fl	-	50.4	0.0	-50.4	-
17	17	1.Fl	-	49.5	0.0	-49.5	-
18	18	1.Fl	-	56.5	0.0	-56.5	-
19	19	1.Fl	-	60.5	0.0	-60.5	-
20	20	1.Fl	-	58.9	0.0	-58.9	-

```
                              Contributions.txt
                  Level w/o NP    Level w. NP
Source name       Lane     L(Aeq1h)        L(Aeq1h)
                  dB(A)    dB(A)
     1        1.Fl      60.8            0.0
EB Avenida Del Diablo           56.5     0.0
NB Del Dios Highway             31.8     0.0
NB W Valley Parkway             56.5     0.0
SB Del Dios Highway             31.6     0.0
SB W Valley Parkway             50.8     0.0
WB Avenida Del Diablo           52.7     0.0
     2        1.Fl      58.8            0.0
EB Avenida Del Diablo           56.3     0.0
NB Del Dios Highway             36.2     0.0
NB W Valley Parkway             50.3     0.0
SB Del Dios Highway             36.2     0.0
SB W Valley Parkway             44.3     0.0
WB Avenida Del Diablo           52.5     0.0
     3        1.Fl      52.3            0.0
EB Avenida Del Diablo           28.7     0.0
NB Del Dios Highway             40.4     0.0
NB W Valley Parkway             49.3     0.0
SB Del Dios Highway             38.5     0.0
SB W Valley Parkway             48.1     0.0
WB Avenida Del Diablo           29.2     0.0
     4        1.Fl      49.1            0.0
EB Avenida Del Diablo           40.3     0.0
NB Del Dios Highway             42.6     0.0
NB W Valley Parkway             43.6     0.0
SB Del Dios Highway             40.4     0.0
SB W Valley Parkway             38.5     0.0
WB Avenida Del Diablo           40.9     0.0
     5        1.Fl      67.9            0.0
EB Avenida Del Diablo           43.9     0.0
NB Del Dios Highway             24.9     0.0
NB W Valley Parkway             61.3     0.0
SB Del Dios Highway             25.2     0.0
SB W Valley Parkway             66.8     0.0
WB Avenida Del Diablo           44.7     0.0
     6        1.Fl      67.5            0.0
EB Avenida Del Diablo           48.0     0.0
NB Del Dios Highway             27.0     0.0
NB W Valley Parkway             61.0     0.0
SB Del Dios Highway             27.3     0.0
SB W Valley Parkway             66.2     0.0
WB Avenida Del Diablo           49.7     0.0
     7        1.Fl      68.1            0.0
EB Avenida Del Diablo           40.9     0.0
NB Del Dios Highway             23.4     0.0
NB W Valley Parkway             61.2     0.0
SB Del Dios Highway             23.7     0.0
SB W Valley Parkway             67.1     0.0
WB Avenida Del Diablo           41.6     0.0
     8        1.Fl      62.3            0.0
EB Avenida Del Diablo           41.3     0.0
NB Del Dios Highway             23.6     0.0
NB W Valley Parkway             57.8     0.0
SB Del Dios Highway             23.9     0.0
SB W Valley Parkway             60.2     0.0
WB Avenida Del Diablo           42.0     0.0
     9        1.Fl      62.5            0.0
EB Avenida Del Diablo           43.9     0.0
NB Del Dios Highway             25.0     0.0
NB W Valley Parkway             58.1     0.0
```

```
SB Del Dios Highway          25.2    0.0
SB W Valley Parkway          60.3    0.0
WB Avenida Del Diablo        44.9    0.0
   10        1.Fl     62.2           0.0
EB Avenida Del Diablo        47.9    0.0
NB Del Dios Highway          26.5    0.0
NB W Valley Parkway          57.8    0.0
SB Del Dios Highway          26.7    0.0
SB W Valley Parkway          59.6    0.0
WB Avenida Del Diablo        49.5    0.0
   11        1.Fl     61.2           0.0
EB Avenida Del Diablo        52.5    0.0
NB Del Dios Highway          30.9    0.0
NB W Valley Parkway          59.4    0.0
SB Del Dios Highway          30.7    0.0
SB W Valley Parkway          52.0    0.0
WB Avenida Del Diablo        50.0    0.0
   12        1.Fl     54.2           0.0
EB Avenida Del Diablo        48.6    0.0
NB Del Dios Highway          36.0    0.0
NB W Valley Parkway          50.3    0.0
SB Del Dios Highway          35.9    0.0
SB W Valley Parkway          43.9    0.0
WB Avenida Del Diablo        47.0    0.0
   13        1.Fl     54.6           0.0
EB Avenida Del Diablo        51.1    0.0
NB Del Dios Highway          39.4    0.0
NB W Valley Parkway          47.4    0.0
SB Del Dios Highway          39.4    0.0
SB W Valley Parkway          40.8    0.0
WB Avenida Del Diablo        48.9    0.0
   14        1.Fl     58.4           0.0
EB Avenida Del Diablo        56.3    0.0
NB Del Dios Highway          38.4    0.0
NB W Valley Parkway          48.2    0.0
SB Del Dios Highway          38.2    0.0
SB W Valley Parkway          41.8    0.0
WB Avenida Del Diablo        52.4    0.0
   15        1.Fl     50.4           0.0
EB Avenida Del Diablo        42.7    0.0
NB Del Dios Highway          41.6    0.0
NB W Valley Parkway          45.7    0.0
SB Del Dios Highway          42.1    0.0
SB W Valley Parkway          38.7    0.0
WB Avenida Del Diablo        41.8    0.0
   16        1.Fl     50.5           0.0
EB Avenida Del Diablo        29.0    0.0
NB Del Dios Highway          34.7    0.0
NB W Valley Parkway          47.7    0.0
SB Del Dios Highway          34.0    0.0
SB W Valley Parkway          46.6    0.0
WB Avenida Del Diablo        29.2    0.0
   17        1.Fl     49.5           0.0
EB Avenida Del Diablo        40.8    0.0
NB Del Dios Highway          43.9    0.0
NB W Valley Parkway          43.0    0.0
SB Del Dios Highway          41.6    0.0
SB W Valley Parkway          37.0    0.0
WB Avenida Del Diablo        40.8    0.0
   18        1.Fl     56.5           0.0
EB Avenida Del Diablo        41.0    0.0
NB Del Dios Highway          31.9    0.0
NB W Valley Parkway          55.8    0.0
```

```
SB Del Dios Highway          31.8    0.0
SB W Valley Parkway          45.8    0.0
WB Avenida Del Diablo        40.5    0.0
   19        1.Fl    60.5           0.0
EB Avenida Del Diablo        46.4    0.0
NB Del Dios Highway          28.4    0.0
NB W Valley Parkway          59.3    0.0
SB Del Dios Highway          28.2    0.0
SB W Valley Parkway          53.1    0.0
WB Avenida Del Diablo        45.3    0.0
   20        1.Fl    59.0           0.0
EB Avenida Del Diablo        45.4    0.0
NB Del Dios Highway          28.1    0.0
NB W Valley Parkway          57.6    0.0
SB Del Dios Highway          27.9    0.0
SB W Valley Parkway          51.9    0.0
WB Avenida Del Diablo        44.4    0.0
```

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                              Road.txt
              Traffic values                          Control Constr. Affect.
Gradient
Stationing    ADT    Vehicles type    Vehicle name    day     Speed   device
Speed   veh.   Road surface    Min / Max
km      Veh/24h    Road surface    Veh/h   km/h        km/h    %                       %
   NB W Valley Parkway      Traffic direction:    In entry direction
0+000  22272   Total     -     928     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+000  22272   Automobiles    -     882   72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  22272   Medium trucks    -     28    72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  22272   Heavy trucks    -     18    72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  22272   Buses    -     -     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+000  22272   Motorcycles    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+000  22272   Auxiliary Vehicle    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+262  21576   Total     -     899     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+262  21576   Automobiles    -     854   72    none    -     -
Average (of DGAC and PCC)    0.0
0+262  21576   Medium trucks    -     27    72    none    -     -
Average (of DGAC and PCC)    0.0
0+262  21576   Heavy trucks    -     18    72    none    -     -
Average (of DGAC and PCC)    0.0
0+262  21576   Buses    -     -     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+262  21576   Motorcycles    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+262  21576   Auxiliary Vehicle    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+459    -                              -     -     -     -     -
   SB W Valley Parkway      Traffic direction:    In entry direction
0+000  21576   Total     -     899     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+000  21576   Automobiles    -     854   72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  21576   Medium trucks    -     27    72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  21576   Heavy trucks    -     18    72    none    -     -
Average (of DGAC and PCC)    0.0
0+000  21576   Buses    -     -     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+000  21576   Motorcycles    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+000  21576   Auxiliary Vehicle    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+198  22272   Total     -     928     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+198  22272   Automobiles    -     882   72    none    -     -
Average (of DGAC and PCC)    0.0
0+198  22272   Medium trucks    -     28    72    none    -     -
Average (of DGAC and PCC)    0.0
0+198  22272   Heavy trucks    -     18    72    none    -     -
Average (of DGAC and PCC)    0.0
0+198  22272   Buses    -     -     -     none    -     -     Average (of
DGAC and PCC)    0.0
0+198  22272   Motorcycles    -     -     -     none    -     -
Average (of DGAC and PCC)    0.0
0+198  22272   Auxiliary Vehicle    -     -     -     none    -     -
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Average (of DGAC and PCC)        0.0
0+449   -                                    -       -       -          -       -
   SB Del Dios Highway    Traffic direction:    In entry direction
0+000   2352    Total      -      98      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+000   2352    Automobiles    -      95     56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   2352    Medium trucks   -      2      56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   2352    Heavy trucks    -      1      56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   2352    Buses     -      -      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+000   2352    Motorcycles    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+000   2352    Auxiliary Vehicle    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+212   2424    Total      -      101     -      none    -       -       Average (of
DGAC and PCC)    0.0
0+212   2424    Automobiles    -      98     56     none    -       -
Average (of DGAC and PCC)        0.0
0+212   2424    Medium trucks   -      2      56     none    -       -
Average (of DGAC and PCC)        0.0
0+212   2424    Heavy trucks    -      1      56     none    -       -
Average (of DGAC and PCC)        0.0
0+212   2424    Buses     -      -      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+212   2424    Motorcycles    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+212   2424    Auxiliary Vehicle    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+274   264     Total      -      11      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+274   264     Automobiles    -      11     56     none    -       -
Average (of DGAC and PCC)        0.0
0+274   264     Medium trucks   -      -      56     none    -       -
Average (of DGAC and PCC)        0.0
0+274   264     Heavy trucks    -      -      56     none    -       -
Average (of DGAC and PCC)        0.0
0+274   264     Buses     -      -      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+274   264     Motorcycles    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+274   264     Auxiliary Vehicle    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+468   -                                    -       -       -          -       -
   NB Del Dios Highway    Traffic direction:    In entry direction
0+000   264     Total      -      11      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+000   264     Automobiles    -      11     56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   264     Medium trucks   -      -      56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   264     Heavy trucks    -      -      56     none    -       -
Average (of DGAC and PCC)        0.0
0+000   264     Buses     -      -      -      none    -       -       Average (of
DGAC and PCC)    0.0
0+000   264     Motorcycles    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+000   264     Auxiliary Vehicle    -      -      -      none    -       -
Average (of DGAC and PCC)        0.0
0+185   2424    Total      -      101     -      none    -       -       Average (of
DGAC and PCC)    0.0
```

```
0+185   2424    Automobiles     -       98      56      none    -       -
Average (of DGAC and PCC)    0.0
0+185   2424    Medium trucks   -       2       56      none    -       -
Average (of DGAC and PCC)    0.0
0+185   2424    Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)    0.0
0+185   2424    Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+185   2424    Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+185   2424    Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+471   -                                       -       -       -       -       -
   EB Avenida Del Diablo        Traffic direction:      In entry direction
0+000   2856    Total   -       119     -       none    -       -       Average (of
DGAC and PCC)    0.0
0+000   2856    Automobiles     -       115     56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   2856    Medium trucks   -       3       56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   2856    Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   2856    Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+000   2856    Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+000   2856    Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+164   3000    Total   -       125     -       none    -       -       Average (of
DGAC and PCC)    0.0
0+164   3000    Automobiles     -       121     56      none    -       -
Average (of DGAC and PCC)    0.0
0+164   3000    Medium trucks   -       3       56      none    -       -
Average (of DGAC and PCC)    0.0
0+164   3000    Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)    0.0
0+164   3000    Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+164   3000    Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+164   3000    Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+345   -                                       -       -       -       -       -
   WB Avenida Del Diablo        Traffic direction:      In entry direction
0+000   3000    Total   -       125     -       none    -       -       Average (of
DGAC and PCC)    0.0
0+000   3000    Automobiles     -       121     56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   3000    Medium trucks   -       3       56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   3000    Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)    0.0
0+000   3000    Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+000   3000    Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+000   3000    Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)    0.0
0+179   2856    Total   -       119     -       none    -       -       Average (of
DGAC and PCC)    0.0
0+179   2856    Automobiles     -       115     56      none    -       -
Average (of DGAC and PCC)    0.0
0+179   2856    Medium trucks   -       3       56      none    -       -
```

Road.txt

```
Average (of DGAC and PCC)         0.0
0+179    2856     Heavy trucks    -        1       56      none    -       -
Average (of DGAC and PCC)         0.0
0+179    2856     Buses    -      -        -       none    -       -       Average (of
DGAC and PCC)     0.0
0+179    2856     Motorcycles     -        -       -       none    -       -
Average (of DGAC and PCC)         0.0
0+179    2856     Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)         0.0
0+342    -                                -       -       -       -       -
```

204 Trips per Chen Ryan

Receivers.txt

Conflict No.	Receiver name	Building	Floor	Limit L(Aeq1h) dB(A)	Level w/o NP L(Aeq1h) dB(A)	Level w. NP L(Aeq1h) dB(A)	Difference L(Aeq1h) dB(A)	L(Aeq1h) side
1	1	1.Fl	-	61	0	-60.5	-	
2	2	1.Fl	-	58	0	-58.3	-	
3	3	1.Fl	-	52	0	-52.1	-	
4	4	1.Fl	-	49	0	-48.6	-	
5	5	1.Fl	-	68	0	-67.8	-	
6	6	1.Fl	-	67	0	-67.4	-	
7	7	1.Fl	-	68	0	-68	-	
8	8	1.Fl	-	62	0	-62.2	-	
9	9	1.Fl	-	62	0	-62.4	-	
10	10	1.Fl	-	62	0	-62.1	-	
11	11	1.Fl	-	61	0	-61.1	-	
12	12	1.Fl	-	54	0	-53.9	-	
13	13	1.Fl	-	54	0	-54.2	-	
14	14	1.Fl	-	58	0	-57.9	-	
15	15	1.Fl	-	50	0	-50.1	-	
16	16	1.Fl	-	50	0	-50.3	-	
17	17	1.Fl	-	49	0	-49.2	-	
18	18	1.Fl	-	57	0	-56.5	-	
19	19	1.Fl	-	61	0	-60.5	-	
20	20	1.Fl	-	59	0	-58.9	-	

```
                              Contributions.txt
                 Level w/o NP     Level w. NP
Source name      Lane    L(Aeq1h)        L(Aeq1h)
                 dB(A)   dB(A)
     1       1.Fl      60.8           0.0
EB Avenida Del Diablo         56.5     0.0
NB Del Dios Highway           31.8     0.0
NB W Valley Parkway           56.5     0.0
SB Del Dios Highway           31.6     0.0
SB W Valley Parkway           50.8     0.0
WB Avenida Del Diablo         52.7     0.0
     2       1.Fl      58.8           0.0
EB Avenida Del Diablo         56.3     0.0
NB Del Dios Highway           36.2     0.0
NB W Valley Parkway           50.3     0.0
SB Del Dios Highway           36.2     0.0
SB W Valley Parkway           44.3     0.0
WB Avenida Del Diablo         52.5     0.0
     3       1.Fl      52.3           0.0
EB Avenida Del Diablo         28.7     0.0
NB Del Dios Highway           40.4     0.0
NB W Valley Parkway           49.3     0.0
SB Del Dios Highway           38.5     0.0
SB W Valley Parkway           48.1     0.0
WB Avenida Del Diablo         29.2     0.0
     4       1.Fl      49.1           0.0
EB Avenida Del Diablo         40.3     0.0
NB Del Dios Highway           42.6     0.0
NB W Valley Parkway           43.6     0.0
SB Del Dios Highway           40.4     0.0
SB W Valley Parkway           38.5     0.0
WB Avenida Del Diablo         40.9     0.0
     5       1.Fl      67.9           0.0
EB Avenida Del Diablo         43.9     0.0
NB Del Dios Highway           24.9     0.0
NB W Valley Parkway           61.3     0.0
SB Del Dios Highway           25.2     0.0
SB W Valley Parkway           66.8     0.0
WB Avenida Del Diablo         44.7     0.0
     6       1.Fl      67.5           0.0
EB Avenida Del Diablo         48.0     0.0
NB Del Dios Highway           27.0     0.0
NB W Valley Parkway           61.0     0.0
SB Del Dios Highway           27.3     0.0
SB W Valley Parkway           66.2     0.0
WB Avenida Del Diablo         49.7     0.0
     7       1.Fl      68.1           0.0
EB Avenida Del Diablo         40.9     0.0
NB Del Dios Highway           23.4     0.0
NB W Valley Parkway           61.2     0.0
SB Del Dios Highway           23.7     0.0
SB W Valley Parkway           67.1     0.0
WB Avenida Del Diablo         41.6     0.0
     8       1.Fl      62.3           0.0
EB Avenida Del Diablo         41.3     0.0
NB Del Dios Highway           23.6     0.0
NB W Valley Parkway           57.8     0.0
SB Del Dios Highway           23.9     0.0
SB W Valley Parkway           60.2     0.0
WB Avenida Del Diablo         42.0     0.0
     9       1.Fl      62.5           0.0
EB Avenida Del Diablo         43.9     0.0
NB Del Dios Highway           25.0     0.0
NB W Valley Parkway           58.1     0.0
```

```
SB Del Dios Highway                25.2     0.0
SB W Valley Parkway                60.3     0.0
WB Avenida Del Diablo              44.9     0.0
   10          1.Fl        62.2              0.0
EB Avenida Del Diablo              47.9     0.0
NB Del Dios Highway                26.5     0.0
NB W Valley Parkway                57.8     0.0
SB Del Dios Highway                26.7     0.0
SB W Valley Parkway                59.6     0.0
WB Avenida Del Diablo              49.5     0.0
   11          1.Fl        61.2              0.0
EB Avenida Del Diablo              52.5     0.0
NB Del Dios Highway                30.9     0.0
NB W Valley Parkway                59.4     0.0
SB Del Dios Highway                30.7     0.0
SB W Valley Parkway                52.0     0.0
WB Avenida Del Diablo              50.0     0.0
   12          1.Fl        54.2              0.0
EB Avenida Del Diablo              48.6     0.0
NB Del Dios Highway                36.0     0.0
NB W Valley Parkway                50.3     0.0
SB Del Dios Highway                35.9     0.0
SB W Valley Parkway                43.9     0.0
WB Avenida Del Diablo              47.0     0.0
   13          1.Fl        54.6              0.0
EB Avenida Del Diablo              51.1     0.0
NB Del Dios Highway                39.4     0.0
NB W Valley Parkway                47.4     0.0
SB Del Dios Highway                39.4     0.0
SB W Valley Parkway                40.8     0.0
WB Avenida Del Diablo              48.9     0.0
   14          1.Fl        58.4              0.0
EB Avenida Del Diablo              56.3     0.0
NB Del Dios Highway                38.4     0.0
NB W Valley Parkway                48.2     0.0
SB Del Dios Highway                38.2     0.0
SB W Valley Parkway                41.8     0.0
WB Avenida Del Diablo              52.4     0.0
   15          1.Fl        50.4              0.0
EB Avenida Del Diablo              42.7     0.0
NB Del Dios Highway                41.6     0.0
NB W Valley Parkway                45.7     0.0
SB Del Dios Highway                42.1     0.0
SB W Valley Parkway                38.7     0.0
WB Avenida Del Diablo              41.8     0.0
   16          1.Fl        50.5              0.0
EB Avenida Del Diablo              29.0     0.0
NB Del Dios Highway                34.7     0.0
NB W Valley Parkway                47.7     0.0
SB Del Dios Highway                34.0     0.0
SB W Valley Parkway                46.6     0.0
WB Avenida Del Diablo              29.2     0.0
   17          1.Fl        49.5              0.0
EB Avenida Del Diablo              40.8     0.0
NB Del Dios Highway                43.9     0.0
NB W Valley Parkway                43.0     0.0
SB Del Dios Highway                41.6     0.0
SB W Valley Parkway                37.0     0.0
WB Avenida Del Diablo              40.8     0.0
   18          1.Fl        56.5              0.0
EB Avenida Del Diablo              41.0     0.0
NB Del Dios Highway                31.9     0.0
NB W Valley Parkway                55.8     0.0
```

Contributions.txt

```
SB Del Dios Highway              31.8    0.0
SB W Valley Parkway              45.8    0.0
WB Avenida Del Diablo            40.5    0.0
    19          1.Fl     60.5            0.0
EB Avenida Del Diablo            46.4    0.0
NB Del Dios Highway              28.4    0.0
NB W Valley Parkway              59.3    0.0
SB Del Dios Highway              28.2    0.0
SB W Valley Parkway              53.1    0.0
WB Avenida Del Diablo            45.3    0.0
    20          1.Fl     59.0            0.0
EB Avenida Del Diablo            45.4    0.0
NB Del Dios Highway              28.1    0.0
NB W Valley Parkway              57.6    0.0
SB Del Dios Highway              27.9    0.0
SB W Valley Parkway              51.9    0.0
WB Avenida Del Diablo            44.4    0.0
```

Traffic values						Control	Constr.	Affect.		Gradient
Stationing	ADT	Vehicles type	Vehicle name			day	Speed	device	Speed veh.	Road surface
					Min / Max					
km	Veh/24h		Veh/h	km/h		km/h	%	%		

NB W Valley Parkway — Traffic direction: In entry direction

Stationing (km)	ADT (Veh/24h)	Vehicles type	Vehicle name	Veh/h	Min/Max (km/h)	Control day (km/h)	Constr. Speed (%)	Affect. device (%)	Road surface	Gradient (%)
0+000	22272	Total	-	928	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Automobiles	-	882	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Medium trucks	-	28	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Heavy trucks	-	18	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	22272	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Total	-	899	-	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Automobiles	-	854	72	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Medium trucks	-	27	72	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Heavy trucks	-	18	72	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+262	21576	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+459	-					-	-	-	-	-

SB W Valley Parkway — Traffic direction: In entry direction

Stationing (km)	ADT (Veh/24h)	Vehicles type	Vehicle name	Veh/h	Min/Max (km/h)	Control day (km/h)	Constr. Speed (%)	Affect. device (%)	Road surface	Gradient (%)
0+000	21576	Total	-	899	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Automobiles	-	854	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Medium trucks	-	27	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Heavy trucks	-	18	72	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+000	21576	Auxiliary Vehicle	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Total	-	928	-	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Automobiles	-	882	72	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Medium trucks	-	28	72	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Heavy trucks	-	18	72	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Buses	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Motorcycles	-	-	-	none	-	-	Average (of DGAC and PCC)	0.0
0+198	22272	Auxiliary Vehicle	-	-	-	none	-	-		

```
Average (of DGAC and PCC)        0.0
0+449    -                                    -      -      -         -       -
   SB Del Dios Highway    Traffic direction:    In entry direction
0+000    2352    Total      -      98      -      none   -         -      Average (of
DGAC and PCC)    0.0
0+000    2352    Automobiles    -      95      56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    2352    Medium trucks  -      2       56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    2352    Heavy trucks   -      1       56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    2352    Buses      -      -       -      none   -         -      Average (of
DGAC and PCC)    0.0
0+000    2352    Motorcycles    -      -       -      none   -         -
Average (of DGAC and PCC)        0.0
0+000    2352    Auxiliary Vehicle  -      -      -      none   -         -
Average (of DGAC and PCC)        0.0
0+212    2424    Total      -      101     -      none   -         -      Average (of
DGAC and PCC)    0.0
0+212    2424    Automobiles    -      98      56     none   -         -
Average (of DGAC and PCC)        0.0
0+212    2424    Medium trucks  -      2       56     none   -         -
Average (of DGAC and PCC)        0.0
0+212    2424    Heavy trucks   -      1       56     none   -         -
Average (of DGAC and PCC)        0.0
0+212    2424    Buses      -      -       -      none   -         -      Average (of
DGAC and PCC)    0.0
0+212    2424    Motorcycles    -      -       -      none   -         -
Average (of DGAC and PCC)        0.0
0+212    2424    Auxiliary Vehicle  -      -      -      none   -         -
Average (of DGAC and PCC)        0.0
0+274    264     Total      -      11      -      none   -         -      Average (of
DGAC and PCC)    0.0
0+274    264     Automobiles    -      11      56     none   -         -
Average (of DGAC and PCC)        0.0
0+274    264     Medium trucks  -      -       56     none   -         -
Average (of DGAC and PCC)        0.0
0+274    264     Heavy trucks   -      -       56     none   -         -
Average (of DGAC and PCC)        0.0
0+274    264     Buses      -      -       -      none   -         -      Average (of
DGAC and PCC)    0.0
0+274    264     Motorcycles    -      -       -      none   -         -
Average (of DGAC and PCC)        0.0
0+274    264     Auxiliary Vehicle  -      -      -      none   -         -
Average (of DGAC and PCC)        0.0
0+468    -                                    -      -      -         -       -
   NB Del Dios Highway    Traffic direction:    In entry direction
0+000    264     Total      -      11      -      none   -         -      Average (of
DGAC and PCC)    0.0
0+000    264     Automobiles    -      11      56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    264     Medium trucks  -      -       56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    264     Heavy trucks   -      -       56     none   -         -
Average (of DGAC and PCC)        0.0
0+000    264     Buses      -      -       -      none   -         -      Average (of
DGAC and PCC)    0.0
0+000    264     Motorcycles    -      -       -      none   -         -
Average (of DGAC and PCC)        0.0
0+000    264     Auxiliary Vehicle  -      -      -      none   -         -
Average (of DGAC and PCC)        0.0
0+185    2424    Total      -      101     -      none   -         -      Average (of
DGAC and PCC)    0.0
```

```
                                          Road.txt
0+185   2424      Automobiles      -       98       56      none     -        -
Average (of DGAC and PCC)     0.0
0+185   2424      Medium trucks    -       2        56      none     -        -
Average (of DGAC and PCC)     0.0
0+185   2424      Heavy trucks     -       1        56      none     -        -
Average (of DGAC and PCC)     0.0
0+185   2424      Buses     -       -        -       none     -        -       Average (of
DGAC and PCC)    0.0
0+185   2424      Motorcycles      -       -        -       none     -        -
Average (of DGAC and PCC)     0.0
0+185   2424      Auxiliary Vehicle       -        -       -       none     -        -
Average (of DGAC and PCC)     0.0
0+471   -                                  -        -       -        -        -
   EB Avenida Del Diablo      Traffic direction:    In entry direction
0+000   2856      Total     -      119      -       none     -        -       Average (of
DGAC and PCC)    0.0
0+000   2856      Automobiles      -      115       56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   2856      Medium trucks    -       3        56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   2856      Heavy trucks     -       1        56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   2856      Buses     -       -        -       none     -        -       Average (of
DGAC and PCC)    0.0
0+000   2856      Motorcycles      -       -        -       none     -        -
Average (of DGAC and PCC)     0.0
0+000   2856      Auxiliary Vehicle       -        -       -       none     -        -
Average (of DGAC and PCC)     0.0
0+164   3000      Total     -      125      -       none     -        -       Average (of
DGAC and PCC)    0.0
0+164   3000      Automobiles      -      121       56      none     -        -
Average (of DGAC and PCC)     0.0
0+164   3000      Medium trucks    -       3        56      none     -        -
Average (of DGAC and PCC)     0.0
0+164   3000      Heavy trucks     -       1        56      none     -        -
Average (of DGAC and PCC)     0.0
0+164   3000      Buses     -       -        -       none     -        -       Average (of
DGAC and PCC)    0.0
0+164   3000      Motorcycles      -       -        -       none     -        -
Average (of DGAC and PCC)     0.0
0+164   3000      Auxiliary Vehicle       -        -       -       none     -        -
Average (of DGAC and PCC)     0.0
0+345   -                                  -        -       -        -        -
   WB Avenida Del Diablo      Traffic direction:    In entry direction
0+000   3000      Total     -      125      -       none     -        -       Average (of
DGAC and PCC)    0.0
0+000   3000      Automobiles      -      121       56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   3000      Medium trucks    -       3        56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   3000      Heavy trucks     -       1        56      none     -        -
Average (of DGAC and PCC)     0.0
0+000   3000      Buses     -       -        -       none     -        -       Average (of
DGAC and PCC)    0.0
0+000   3000      Motorcycles      -       -        -       none     -        -
Average (of DGAC and PCC)     0.0
0+000   3000      Auxiliary Vehicle       -        -       -       none     -        -
Average (of DGAC and PCC)     0.0
0+179   2856      Total     -      119      -       none     -        -       Average (of
DGAC and PCC)    0.0
0+179   2856      Automobiles      -      115       56      none     -        -
Average (of DGAC and PCC)     0.0
0+179   2856      Medium trucks    -       3        56      none     -        -
                                          Page 3
```

```
Average (of DGAC and PCC)        0.0
0+179    2856     Heavy trucks    -       1       56      none    -       -
Average (of DGAC and PCC)        0.0
0+179    2856     Buses   -       -       -       none    -       -       Average (of
DGAC and PCC)    0.0
0+179    2856     Motorcycles     -       -       -       none    -       -
Average (of DGAC and PCC)        0.0
0+179    2856     Auxiliary Vehicle       -       -       -       none    -       -
Average (of DGAC and PCC)        0.0
0+342    -                                -       -       -       -       -
```

Stationary

```
                              Receivers.txt
                        Limit                        Level w/o NP
              Level w. NP                  Difference
       Conflict
No.    Receiver name  Building       Floor    Leq1    Leq2    Leq3    Lmax    Leq1
Leq2   Leq3     Lmax  Leq1    Leq2    Leq3    Lmax    Leq1    Leq2    Leq3    Lmax
Leq1   Leq2     Leq3  Lmax
                side          dB(A)                           dB(A)
       dB(A)                          dB(A)                           dB(A)
```

No.	Receiver name	Lmax	Building Leq1	Leq2	Floor Leq3	Leq1	Lmax	Leq2 Leq3	Lmax	Leq1
1	1		1.Fl	-	-	-	-	54.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-54.0	0.0	0.0	0.0	-	-
-	-									
2	2		1.Fl	-	-	-	-	52.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-52.5	0.0	0.0	0.0	-	-
-	-									
3	3		1.Fl	-	-	-	-	51.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-51.5	0.0	0.0	0.0	-	-
-	-									
4	4		1.Fl	-	-	-	-	45.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-45.0	0.0	0.0	0.0	-	-
-	-									
5	5		1.Fl	-	-	-	-	52.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-52.0	0.0	0.0	0.0	-	-
-	-									
6	6		1.Fl	-	-	-	-	51.3	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-51.3	0.0	0.0	0.0	-	-
-	-									
7	7		1.Fl	-	-	-	-	52.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-52.5	0.0	0.0	0.0	-	-
-	-									
8	8		1.Fl	-	-	-	-	50.8	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-50.8	0.0	0.0	0.0	-	-
-	-									
9	9		1.Fl	-	-	-	-	50.2	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-50.2	0.0	0.0	0.0	-	-
-	-									
10	10		1.Fl	-	-	-	-	49.7	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-49.7	0.0	0.0	0.0	-	-
-	-									
11	11		1.Fl	-	-	-	-	52.2	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-52.2	0.0	0.0	0.0	-	-
-	-									
12	12		1.Fl	-	-	-	-	49.7	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-49.7	0.0	0.0	0.0	-	-
-	-									
13	13		1.Fl	-	-	-	-	48.4	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-48.4	0.0	0.0	0.0	-	-
-	-									
14	14		1.Fl	-	-	-	-	50.5	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-50.5	0.0	0.0	0.0	-	-
-	-									
15	15		1.Fl	-	-	-	-	44.1	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-44.1	0.0	0.0	0.0	-	-
-	-									
16	16		1.Fl	-	-	-	-	48.3	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-48.3	0.0	0.0	0.0	-	-
-	-									
17	17		1.Fl	-	-	-	-	43.4	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-43.4	0.0	0.0	0.0	-	-
-	-									
18	18		1.Fl	-	-	-	-	46.0	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-46.0	0.0	0.0	0.0	-	-
-	-									

19	19		1.FI	-	-	-	-	47.6	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-47.6	0.0	0.0	0.0	-	-
-	-									
20	20		1.FI	-	-	-	-	46.9	0.0	0.0
0.0	0.0	0.0	0.0	0.0	-46.9	0.0	0.0	0.0	-	-
-	-									

Contributions.txt

Source name	Level w/o NP				Level w. NP			
	Leq1 dB(A)	Leq2	Leq3	Lmax	Leq1 dB(A)	Leq2	Leq3	Lmax
1 1.FI	54.0		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	54.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2 1.FI	52.5		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	7.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	8.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	10.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	52.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3 1.FI	51.5		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	36.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	35.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	34.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	32.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	30.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	30.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	51.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	27.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4 1.FI	45.0		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	27.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	29.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	32.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	33.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	38.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	42.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5 1.FI	52.0		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	47.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	50.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6 1.FI	51.3		0.0	0.0	0.0	0.0	0.0	
0.0 0.0	0.0							
Outdoor Seating 1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Outdoor Seating 4	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	45.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	50.1	0.0	0.0	0.0	0.0	0.0	0.0	
7	1.Fl	52.5	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	7.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	8.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	50.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	48.5	0.0	0.0	0.0	0.0	0.0	0.0	
8	1.Fl	50.8	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	4.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	48.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	46.8	0.0	0.0	0.0	0.0	0.0	0.0	
9	1.Fl	50.2	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	46.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	47.9	0.0	0.0	0.0	0.0	0.0	0.0	
10	1.Fl	49.7	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	4.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	4.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	5.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	44.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	48.1	0.0	0.0	0.0	0.0	0.0	0.0	
11	1.Fl	52.2	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	6.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	52.2	0.0	0.0	0.0	0.0	0.0	0.0	
12	1.Fl	49.7	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						

Outdoor Seating 1	5.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	6.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	7.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	9.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	24.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	49.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
13	1.Fl	48.4	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	10.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	24.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	48.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14	1.Fl	50.5	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	8.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	9.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	12.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	25.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	50.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	1.Fl	44.1	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	12.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	12.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	15.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	16.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	17.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	24.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	44.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	1.Fl	48.3	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	30.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	32.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	31.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	30.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	29.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	29.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	28.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	47.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 2	27.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17	1.Fl	43.4	0.0	0.0	0.0	0.0		
0.0	0.0	0.0						
Outdoor Seating 1	24.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 2	25.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 3	25.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 4	26.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 5	27.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 6	27.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Outdoor Seating 7	28.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Parking 1	36.6	0.0	0.0	0.0	0.0	0.0	0.0	

```
Parking 2          41.4       0.0      0.0      0.0      0.0      0.0      0.0      0.0
    18          1.Fl         46.0            0.0           0.0           0.0           0.0
      0.0         0.0          0.0
Outdoor Seating 1      1.8      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 2      3.8      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 3      3.0      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 4      4.0      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 5      4.5      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 6      3.2      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 7      3.3      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Parking 1          25.7       0.0      0.0      0.0      0.0      0.0      0.0
Parking 2          46.0       0.0      0.0      0.0      0.0      0.0      0.0
    19          1.Fl         47.6            0.0           0.0           0.0           0.0
      0.0         0.0          0.0
Outdoor Seating 1      2.2      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 2      2.3      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 3      2.7      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 4      2.1      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 5      3.6      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 6      2.2      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 7      1.8      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Parking 1          40.1       0.0      0.0      0.0      0.0      0.0      0.0
Parking 2          46.7       0.0      0.0      0.0      0.0      0.0      0.0
    20          1.Fl         46.9            0.0           0.0           0.0           0.0
      0.0         0.0          0.0
Outdoor Seating 1      1.6      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 2      1.9      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 3      2.2      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 4      1.7      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 5      3.2      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 6      1.7      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Outdoor Seating 7      1.3      0.0      0.0      0.0      0.0      0.0      0.0       0.0
Parking 1          40.1       0.0      0.0      0.0      0.0      0.0      0.0
Parking 2          45.9       0.0      0.0      0.0      0.0      0.0      0.0
```

Industry.txt

Source name	Level				Corrections				
	Leq1	Leq2	Leq3	Lmax	Reference		Kwall	CI	CT
	dB(A)	dB(A)	dB(A)	dB(A)		dB(A)	dB(A)	dB(A)	
Outdoor Seating 1	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 2	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 3	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 4	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 5	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 6	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Outdoor Seating 7	77.1	-1000.0	-1000.0	0.0		Unit	0.0	0.0	0.0
Parking 1	97.1	-1000.0	-1000.0	0.0	Unit		0.0	0.0	0.0
Parking 2	97.1	-1000.0	-1000.0	0.0	Unit		0.0	0.0	0.0