

**Appendix G:
Noise Supporting Information**

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TABLE Existing (Year 2019)-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: Clovis Avenue - south of American Avenue

NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14400 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.11

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 57.6 | 115.4 | 244.3 | 524.2 |

TABLE Existing (Year 2019)-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - north of Mckinley Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2800 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.51

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 82.0 | 176.3 |

TABLE Existing (Year 2019)-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Mckinley Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1900 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.82

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 63.4 | 136.2 |

TABLE Existing (Year 2019)-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Clinton Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2300 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.65

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 72.0 | 154.6 |

TABLE Existing (Year 2019)-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - north of Jensen Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1700 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.34

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 58.9 | 126.5 |

TABLE Existing (Year 2019)-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Jensen Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.83

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 100.3 |

TABLE Existing (Year 2019)-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of Bethel Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.01

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 74.1 | 152.9 | 326.1 | 700.9 |

TABLE Existing (Year 2019)-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of De Wolf Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9800 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.46

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 60.2 | 121.4 | 257.5 | 552.8 |

TABLE Existing (Year 2019)-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - west of De Wolf Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5700 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.11

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 86.4 | 180.3 | 385.6 |

TABLE Existing (Year 2019)-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: Jensen Avenue - east of Temperance Avenue

NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 9900 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.51

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 60.6 | 122.2 | 259.2 | 556.5 |

TABLE Existing (Year 2019)-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - west of Temperance Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10800 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.88

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 63.7 | 129.2 | 274.6 | 589.7 |

TABLE Existing (Year 2019)-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - north of Tulare Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 170 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.34

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE Existing (Year 2019)-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - south of Tulare Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 160 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 50.08

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE Existing (Year 2019)-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of McKinley Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.27

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 107.3 | 230.9 |

TABLE Existing (Year 2019)-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of Ashlan Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.19

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 57.7 | 123.7 | 266.2 |

TABLE Existing (Year 2019)-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of Belmont Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5800 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.67

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 62.0 | 133.0 | 286.3 |

TABLE Existing (Year 2019)-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - east of Locan Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 250 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 52.01

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE Existing (Year 2019)-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - west of Locan Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 600 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.82

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 63.4 |

TABLE Existing (Year 2019)-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: North Avenue - west of Temperance Avenue
NOTES: Fresno SEDA SP - Existing (Year 2019)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2500 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.01

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 76.1 | 163.4 |

TABLE 2035 Forecast (No Project)-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Clovis Avenue - south of American Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15400 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.41

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 59.8 | 120.4 | 255.4 | 548.1 |

TABLE 2035 Forecast (No Project)-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - north of Mckinley Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4300 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.37

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 50.9 | 109.0 | 234.5 |

TABLE 2035 Forecast (No Project)-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Mckinley Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1900 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.82

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 63.4 | 136.2 |

TABLE 2035 Forecast (No Project)-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Clinton Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3500 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.48

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 95.1 | 204.5 |

TABLE 2035 Forecast (No Project)-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - north of Jensen Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1700 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.34

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 58.9 | 126.5 |

TABLE 2035 Forecast (No Project)-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: De Wolf Avenue - south of Jensen Avenue

NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1300 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.17

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 105.8 |

TABLE 2035 Forecast (No Project)-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of Bethel Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 15100 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.34

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 77.5 | 160.6 | 342.9 | 737.1 |

TABLE 2035 Forecast (No Project)-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of De Wolf Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 11600 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.19

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 66.3 | 135.3 | 287.9 | 618.4 |

TABLE 2035 Forecast (No Project)-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - west of De Wolf Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6700 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.81

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 95.5 | 200.5 | 429.3 |

TABLE 2035 Forecast (No Project)-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of Temperance Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 13900 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.98

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 73.8 | 152.2 | 324.5 | 697.6 |

TABLE 2035 Forecast (No Project)-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - west of Temperance Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 12700 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.59

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 69.9 | 143.5 | 305.7 | 656.9 |

TABLE 2035 Forecast (No Project)-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - north of Tulare Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 220 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.46

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 2035 Forecast (No Project)-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - south of Tulare Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 51.05

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 2035 Forecast (No Project)-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of McKinley Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.27

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 107.3 | 230.9 |

TABLE 2035 Forecast (No Project)-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of Ashlan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.19

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 57.7 | 123.7 | 266.2 |

TABLE 2035 Forecast (No Project)-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: McCall Avenue - north of Belmont Avenue

NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5800 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.67

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 62.0 | 133.0 | 286.3 |

TABLE 2035 Forecast (No Project)-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - east of Locan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 370 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 53.72

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 2035 Forecast (No Project)-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - west of Locan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 870 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.43

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 81.1 |

TABLE 2035 Forecast (No Project)-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: North Avenue - west of Temperance Avenue

NOTES: Fresno SEDA SP - 2035 Forecast (No Project)

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2500 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.01

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 76.1 | 163.4 |

TABLE 2035 Forecast Plus Project-01
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Clovis Avenue - south of American Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18300 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 69.16

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 66.0 | 134.6 | 286.2 | 614.8 |

TABLE 2035 Forecast Plus Project-02
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: De Wolf Avenue - north of Mckinley Avenue

NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5600 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.52

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 60.6 | 129.9 | 279.6 |

TABLE 2035 Forecast Plus Project-03
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Mckinley Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3700 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.72

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 98.7 | 212.2 |

TABLE 2035 Forecast Plus Project-04
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - south of Clinton Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 4700 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.76

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 53.9 | 115.6 | 248.8 |

TABLE 2035 Forecast Plus Project-05
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: De Wolf Avenue - north of Jensen Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 3600 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.60

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 96.9 | 208.4 |

TABLE 2035 Forecast Plus Project-06
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: De Wolf Avenue - south of Jensen Avenue

NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2200 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.46

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 69.9 | 150.1 |

TABLE 2035 Forecast Plus Project-07
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of Bethel Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 18900 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.31

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 88.9 | 186.0 | 398.0 | 856.0 |

TABLE 2035 Forecast Plus Project-08
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of De Wolf Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 16800 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 70.80

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 82.7 | 172.2 | 368.0 | 791.4 |

TABLE 2035 Forecast Plus Project-09
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - west of De Wolf Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10000 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.55

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 60.9 | 123.0 | 261.0 | 560.3 |

TABLE 2035 Forecast Plus Project-10
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Jensen Avenue - east of Temperance Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 20100 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.58

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 92.4 | 193.6 | 414.6 | 891.8 |

TABLE 2035 Forecast Plus Project-11
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: Jensen Avenue - west of Temperance Avenue

NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 19800 SPEED (MPH): 60 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 24 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 71.52

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 91.5 | 191.7 | 410.4 | 882.9 |

TABLE 2035 Forecast Plus Project-12
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - north of Tulare Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 400 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 54.06

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 2035 Forecast Plus Project-13
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Locan Avenue - south of Tulare Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 320 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 53.09

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 0.0 |

TABLE 2035 Forecast Plus Project-14
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of McKinley Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 6400 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.10

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 66.1 | 142.0 | 305.7 |

TABLE 2035 Forecast Plus Project-15
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: McCall Avenue - north of Ashlan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 5700 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.59

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 61.3 | 131.5 | 283.0 |

TABLE 2035 Forecast Plus Project-16
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022

ROADWAY SEGMENT: McCall Avenue - north of Belmont Avenue

NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 10000 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.03

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 88.9 | 191.1 | 411.5 |

TABLE 2035 Forecast Plus Project-17
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - east of Locan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 590 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.74

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 0.0 | 62.7 |

TABLE 2035 Forecast Plus Project-18
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: Tulare Avenue - west of Locan Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 1400 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.50

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 51.9 | 111.1 |

TABLE 2035 Forecast Plus Project-19
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 06/27/2022
ROADWAY SEGMENT: North Avenue - west of Temperance Avenue
NOTES: Fresno SEDA SP - 2035 Forecast Plus Project

* * ASSUMPTIONS * *

AVERAGE DAILY TRAFFIC: 2500 SPEED (MPH): 50 GRADE: .5

| | TRAFFIC DISTRIBUTION PERCENTAGES | | |
|----------|----------------------------------|---------|-------|
| | DAY | EVENING | NIGHT |
| | --- | ----- | ----- |
| AUTOS | 75.51 | 12.57 | 9.34 |
| M-TRUCKS | 1.56 | 0.09 | 0.19 |
| H-TRUCKS | 0.64 | 0.02 | 0.08 |

ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: SOFT

* * CALCULATED NOISE LEVELS * *

CNEL AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.01

| DISTANCE (FEET) FROM ROADWAY CENTERLINE TO CNEL | | | |
|---|---------|---------|---------|
| 70 CNEL | 65 CNEL | 60 CNEL | 55 CNEL |
| ----- | ----- | ----- | ----- |
| 0.0 | 0.0 | 76.1 | 163.4 |

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