

**APPENDIX D**

**NOISE MODEL TECHNICAL MATERIALS**

TABLE Existing-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 1st Street to 4th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 10800    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                    NIGHT  
---                    ----  
AUTOS                88.08            9.34  
M-TRUCKS            1.65            0.19  
H-TRUCKS            0.66            0.08  
ACTIVE HALF-WIDTH (FT) : 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.63  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                65 Ldn            60 Ldn            55 Ldn  
-----  
0.0                    0.0                152.3            478.7

TABLE Existing-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 4th Street to 7th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 14500    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                    NIGHT  
---                    ----  
AUTOS                88.08            9.34  
M-TRUCKS            1.65            0.19  
H-TRUCKS            0.66            0.08  
ACTIVE HALF-WIDTH (FT) : 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.91  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                65 Ldn            60 Ldn            55 Ldn  
-----  
0.0                    66.7                203.9            642.4

TABLE Existing-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 7th Street to 10th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 14300    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
AUTOS                    88.08            9.34  
M-TRUCKS                1.65             0.19  
H-TRUCKS                0.66             0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.85  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn            60 Ldn            55 Ldn  
-----  
0.0                      65.8              201.1            633.5

TABLE Existing-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 8100    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
AUTOS                    88.08            9.34  
M-TRUCKS                1.65             0.19  
H-TRUCKS                0.66             0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.79  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn            60 Ldn            55 Ldn  
-----  
0.0                      0.0                80.7              249.3

TABLE Existing-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2700    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS            88.08            9.34  
M-TRUCKS        1.65            0.19  
H-TRUCKS        0.66            0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.74  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn            65 Ldn            60 Ldn            55 Ldn  
-----  
0.0            0.0            0.0            83.3

TABLE Existing-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 3700    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS            88.08            9.34  
M-TRUCKS        1.65            0.19  
H-TRUCKS        0.66            0.08  
ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.72  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn            65 Ldn            60 Ldn            55 Ldn  
-----  
0.0            0.0            0.0            114.3

TABLE Existing-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 1st Street to 4th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 14000 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.09  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 63.2 196.6 620.7

TABLE Existing-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 4th Street to 7th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12400 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.56  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 56.3 174.2 549.8

TABLE Existing-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 7th Street to 10th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 11800 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.73  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 52.7 165.7 523.6

TABLE Existing-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 10th Street to 11th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 10800 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.35  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 151.7 479.3

TABLE Existing-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 11th Street to 13th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 11300 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.16  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 51.5 158.9 501.0

TABLE Existing-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 6500 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.83  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 65.6 200.4

TABLE Existing-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.65  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 64.9

TABLE Existing-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 10th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 11900 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.79  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 116.3 365.9



TABLE Existing-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 3300    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.22

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	102.1

TABLE Existing-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 13th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 6300    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.42

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	61.6	193.9

TABLE Existing-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 1st Street to 4th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3700 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.72  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 114.3

TABLE Existing-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 4th Street to 7th Street  
NOTES: Japantown - Existing

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3000 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.20  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 92.5

TABLE Existing-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 7th Street to 10th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2100    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS                    88.08    9.34  
M-TRUCKS                1.65    0.19  
H-TRUCKS                0.66    0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.65  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                    0.0                    64.9

TABLE Existing-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 10th Street to 11th Street  
NOTES: Japantown - Existing

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2000    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS                    88.08    9.34  
M-TRUCKS                1.65    0.19  
H-TRUCKS                0.66    0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.44  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                    0.0                    0.0                    61.8



TABLE Background (2008) -02  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: Hedding Street - 4th Street to 7th Street  
 NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
 AVERAGE DAILY TRAFFIC: 16100    SPEED (MPH): 35    GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY                    NIGHT  
 ---                    -  
 AUTOS                    88.08                    9.34  
 M-TRUCKS                1.65                    0.19  
 H-TRUCKS                0.66                    0.08  
 ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.37  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn                    60 Ldn                    55 Ldn  
 -----  
 0.0                    73.5                    226.2                    713.2

TABLE Background (2008) -03  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: Hedding Street - 7th Street to 10th Street  
 NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
 AVERAGE DAILY TRAFFIC: 15700    SPEED (MPH): 35    GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY                    NIGHT  
 ---                    -  
 AUTOS                    88.08                    9.34  
 M-TRUCKS                1.65                    0.19  
 H-TRUCKS                0.66                    0.08  
 ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.26  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
 -----  
 0.0                    71.8                    220.6                    695.5

TABLE Background (2008) -04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 10300 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.83  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 101.6 316.7

TABLE Background (2008) -05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.34  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 95.6

TABLE Background (2008) -06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 9800    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	96.0	301.4

TABLE Background (2008) -07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 1st Street to 4th Street  
NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 16100    SPEED (MPH): 35    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.70

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	72.4	226.0	713.7

TABLE Background (2008) -08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 4th Street to 7th Street  
NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 13700    SPEED (MPH): 35    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY    ---  
NIGHT    -----

AUTOS            88.08    9.34  
M-TRUCKS        1.65     0.19  
H-TRUCKS        0.66     0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0       61.9       192.4       607.4

TABLE Background (2008) -09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 7th Street to 10th Street  
NOTES: Japantown - Background (2008)

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12600    SPEED (MPH): 35    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY    ---  
NIGHT    -----

AUTOS            88.08    9.34  
M-TRUCKS        1.65     0.19  
H-TRUCKS        0.66     0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.02

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0       56.2       176.9       559.1



TABLE Background (2008) -10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 10th Street to 11th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 12100 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.84

DISTANCE (FEET)	FROM ROADWAY CENTERLINE TO Ldn
70 Ldn	65 Ldn
	60 Ldn
	55 Ldn
0.0	54.0
	169.9
	536.9

TABLE Background (2008) -11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 11th Street to 13th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 13200 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.83

DISTANCE (FEET)	FROM ROADWAY CENTERLINE TO Ldn
70 Ldn	65 Ldn
	60 Ldn
	55 Ldn
0.0	59.7
	185.4
	585.2

TABLE Background (2008) -12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 7700 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.57  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 76.9 237.1

TABLE Background (2008) -13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 2600 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.57  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 80.2

TABLE Background (2008) -14  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: 10th Street - Taylor Street to Jackson Street  
 NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
 AVERAGE DAILY TRAFFIC: 13700 SPEED (MPH): 30 GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY NIGHT  
 ---  
 AUTOS 88.08 9.34  
 M-TRUCKS 1.65 0.19  
 H-TRUCKS 0.66 0.08  
 ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.40  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn 65 Ldn 60 Ldn 55 Ldn  
 ---  
 0.0 0.0 133.7 421.2

TABLE Background (2008) -15  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: 11th Street - Taylor Street to Jackson Street  
 NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
 AVERAGE DAILY TRAFFIC: 4300 SPEED (MPH): 30 GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY NIGHT  
 ---  
 AUTOS 88.08 9.34  
 M-TRUCKS 1.65 0.19  
 H-TRUCKS 0.66 0.08  
 ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.37  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn 65 Ldn 60 Ldn 55 Ldn  
 ---  
 0.0 0.0 0.0 132.7

TABLE Background (2008)-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 13th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 6800 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.75  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 66.4 209.3

TABLE Background (2008)-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 1st Street to 4th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3700 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.72  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 114.3

TABLE Background (2008) -18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 4th Street to 7th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3400 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY ---  
NIGHT ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.74  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 0.0 104.8

TABLE Background (2008) -19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 7th Street to 10th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 2200 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY ---  
NIGHT ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.85  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 0.0 67.9

TABLE Background (2008) -20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 10th Street to 11th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 2000    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
----  
AUTOS                    88.08            9.34  
M-TRUCKS                1.65            0.19  
H-TRUCKS                0.66            0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 55.44  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                      0.0                      61.8

TABLE Background (2008) -21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 11th Street to 13th Street  
NOTES: Japantown - Background (2008)

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 2600    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
----  
AUTOS                    88.08            9.34  
M-TRUCKS                1.65            0.19  
H-TRUCKS                0.66            0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.57  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                      0.0                      0.0                      80.2

TABLE Background Plus Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 1st Street to 4th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12800 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.37  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 59.5 180.2 567.1

TABLE Background Plus Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 4th Street to 7th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 16500 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.47  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 75.3 231.8 730.9

TABLE Background Plus Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 7th Street to 10th Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 16000    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.34  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    73.1    224.8    708.8

TABLE Background Plus Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 10400    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.88  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    0.0    102.6    319.8



TABLE Background Plus Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3500    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---	
NIGHT	-----	
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	
70 Ldn	65 Ldn
-----	-----
0.0	0.0
	-----
	0.0
	-----
	107.8

TABLE Background Plus Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 9800    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---	
NIGHT	-----	
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 61.95

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	
70 Ldn	65 Ldn
-----	-----
0.0	0.0
	-----
	96.0
	-----
	301.4

TABLE Background Plus Project-07  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: Taylor Street - 1st Street to 4th Street  
 NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
 AVERAGE DAILY TRAFFIC: 17800 SPEED (MPH): 35 GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY NIGHT  
 AUTOS 88.08 9.34  
 M-TRUCKS 1.65 0.19  
 H-TRUCKS 0.66 0.08  
 ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.13  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn 65 Ldn 60 Ldn 55 Ldn  
 0.0 79.8 249.8 789.1

TABLE Background Plus Project-08  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: Taylor Street - 4th Street to 7th Street  
 NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
 AVERAGE DAILY TRAFFIC: 15500 SPEED (MPH): 35 GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY NIGHT  
 AUTOS 88.08 9.34  
 M-TRUCKS 1.65 0.19  
 H-TRUCKS 0.66 0.08  
 ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.53  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn 65 Ldn 60 Ldn 55 Ldn  
 0.0 69.8 217.6 687.2

TABLE Background Plus Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 7th Street to 10th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 13300    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
---                      ---  
AUTOS                    88.08                    9.34  
M-TRUCKS                1.65                    0.19  
H-TRUCKS                0.66                    0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.25  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                    59.3                    186.7                    590.2

TABLE Background Plus Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 10th Street to 11th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12700    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
---                      ---  
AUTOS                    88.08                    9.34  
M-TRUCKS                1.65                    0.19  
H-TRUCKS                0.66                    0.08  
ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.05  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
-----  
0.0                    56.7                    178.3                    563.5

TABLE Background Plus Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 11th Street to 13th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 13700 SPEED (MPH): 35 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---
NIGHT	-----
AUTOS	88.08
M-TRUCKS	1.65
H-TRUCKS	0.66

ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	
70 Ldn	65 Ldn
60 Ldn	55 Ldn
0.0	61.9
	192.4
	607.4

TABLE Background Plus Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 7700 SPEED (MPH): 30 GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---
NIGHT	-----
AUTOS	88.08
M-TRUCKS	1.65
H-TRUCKS	0.66

ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.57

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn	
70 Ldn	65 Ldn
60 Ldn	55 Ldn
0.0	0.0
	76.9
	237.1

TABLE Background Plus Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3700    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	114.0

TABLE Background Plus Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 10th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 13700    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 63.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	133.7	421.2

TABLE Background Plus Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 4300 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.37  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 0.0 132.7

TABLE Background Plus Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 13th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 6900 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.81  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 67.4 212.3

TABLE Background Plus Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 1st Street to 4th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 4000    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.06

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	123.5

TABLE Background Plus Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 4th Street to 7th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 3700    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.11

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	114.0

TABLE Background Plus Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 7th Street to 10th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2500    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---	NIGHT	----
AUTOS	88.08	9.34	
M-TRUCKS	1.65	0.19	
H-TRUCKS	0.66	0.08	

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.40

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	77.1

TABLE Background Plus Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 10th Street to 11th Street  
NOTES: Japantown - Background Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 2400    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	---	NIGHT	----
AUTOS	88.08	9.34	
M-TRUCKS	1.65	0.19	
H-TRUCKS	0.66	0.08	

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.23

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
-----	-----	-----	-----
0.0	0.0	0.0	74.1



TABLE Background Plus Project-21  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 11th Street to 13th Street  
NOTES: Japantown - Background Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 2800 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 56.90  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 86.4

TABLE Cumulative 2025 No Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 1st Street to 4th Street  
NOTES: Japantown - Cumulative 2025 No Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 20500 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.41  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 92.6 287.7 908.0

TABLE Cumulative 2025 No Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 4th Street to 7th Street  
NOTES: Japantown - Cumulative 2025 No Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 26600    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.55  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    119.2    373.0    1178.1

TABLE Cumulative 2025 No Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 7th Street to 10th Street  
NOTES: Japantown - Cumulative 2025 No Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 25900    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.43  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    116.1    363.2    1147.1

TABLE Cumulative 2025 No Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 17000 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.01  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 55.2 166.0 522.2

TABLE Cumulative 2025 No Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 5100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.50  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 0.0 157.0

TABLE Cumulative 2025 No Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 16200    SPEED (MPH): 30    GRADE: .5  
  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
----                      -  
AUTOS                    88.08                    9.34  
M-TRUCKS                1.65                    0.19  
H-TRUCKS                0.66                    0.08  
  
ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.13  
  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    60 Ldn                    55 Ldn  
-----                    -  
0.0                    0.0                    157.9                    498.0

TABLE Cumulative 2025 No Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 1st Street to 4th Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 26500    SPEED (MPH): 35    GRADE: .5  
  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY                      NIGHT  
----                      -  
AUTOS                    88.08                    9.34  
M-TRUCKS                1.65                    0.19  
H-TRUCKS                0.66                    0.08  
  
ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.86  
  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
-----                    -  
0.0                    118.1                    371.7                    1174.7





TABLE Cumulative 2025 No Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12700 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.74  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 124.6 390.3

TABLE Cumulative 2025 No Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 4300 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.76  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 0.0 132.4

TABLE Cumulative 2025 No Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 10th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 22600 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
--- ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.58  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 70.5 219.9 694.5

TABLE Cumulative 2025 No Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 7100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
--- ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.55  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 70.0 218.5



TABLE Cumulative 2025 No Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 13th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 11200 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY ---  
NIGHT ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.92  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 109.1 344.6

TABLE Cumulative 2025 No Project-17  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 1st Street to 4th Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 6100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY ---  
NIGHT ----  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.89  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 60.5 187.8

TABLE Cumulative 2025 No Project-18  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 4th Street to 7th Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 5600    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.91

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	54.8	172.4

TABLE Cumulative 2025 No Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 7th Street to 10th Street  
NOTES: Japantown - Cumulative 2025 No Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 3500    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 57.87

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	0.0	107.8



TABLE Cumulative 2025 Plus Project-01  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 1st Street to 4th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 21200    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 66.56  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    95.6    297.5    939.0

TABLE Cumulative 2025 Plus Project-02  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 4th Street to 7th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 27200    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.64  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    121.8    381.4    1204.6

TABLE Cumulative 2025 Plus Project-03  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Hedding Street - 7th Street to 10th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 26400 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.51  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 60 Ldn 55 Ldn  
-----  
0.0 118.3 370.2 1169.2

TABLE Cumulative 2025 Plus Project-04  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 17100 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
---  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 18 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.04  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 55.5 167.0 525.2

TABLE Cumulative 2025 Plus Project-05  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 5700 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.98  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 55.8 175.4

TABLE Cumulative 2025 Plus Project-06  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Hedding Street to Taylor Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 16200 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 12 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 64.13  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
-----  
0.0 0.0 157.9 498.0

TABLE Cumulative 2025 Plus Project-07  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 1st Street to 4th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 29400    SPEED (MPH): 35    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 68.31

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

Distance (Feet)	Ldn
70	65
60	60
55	55
0.0	130.9
	412.3
	1303.2

TABLE Cumulative 2025 Plus Project-08  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 4th Street to 7th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 25600    SPEED (MPH): 35    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

	DAY	NIGHT
AUTOS	88.08	9.34
M-TRUCKS	1.65	0.19
H-TRUCKS	0.66	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.71

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

Distance (Feet)	Ldn
70	65
60	60
55	55
0.0	114.1
	359.1
	1134.8

TABLE Cumulative 2025 Plus Project-09  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 7th Street to 10th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 21900 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.42  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 97.4 307.4 971.7

TABLE Cumulative 2025 Plus Project-10  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 10th Street to 11th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 20900 SPEED (MPH): 35 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.22  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 92.9 293.3 927.4



TABLE Cumulative 2025 Plus Project-11  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Taylor Street - 11th Street to 13th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 22700    SPEED (MPH): 35    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
---    -----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 67.19  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    101.3    318.4    1006.3

TABLE Cumulative 2025 Plus Project-12  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 4th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 12700    SPEED (MPH): 30    GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY    NIGHT  
---    -----  
AUTOS    88.08    9.34  
M-TRUCKS    1.65    0.19  
H-TRUCKS    0.66    0.08  
ACTIVE HALF-WIDTH (FT): 18    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.74  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn    65 Ldn    60 Ldn    55 Ldn  
-----  
0.0    0.0    124.6    390.3

TABLE Cumulative 2025 Plus Project-13  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 7th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 6100    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.28

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	59.6	187.7

TABLE Cumulative 2025 Plus Project-14  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 10th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 22600    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 65.58

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	70.5	219.9	694.5

TABLE Cumulative 2025 Plus Project-15  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 11th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 7100    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

ACTIVE HALF-WIDTH (FT): 12    SITE CHARACTERISTICS: HARD

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 60.55

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	70.0	218.5

TABLE Cumulative 2025 Plus Project-16  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: 13th Street - Taylor Street to Jackson Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\* \* \* ASSUMPTIONS \* \* \*  
AVERAGE DAILY TRAFFIC: 11400    SPEED (MPH): 30    GRADE: .5

TRAFFIC DISTRIBUTION PERCENTAGES

DAY	NIGHT
AUTOS	88.08
M-TRUCKS	9.34
H-TRUCKS	1.65
	0.19
	0.66
	0.08

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

\* \* \* CALCULATED NOISE LEVELS \* \* \*

Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 62.99

DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn

70 Ldn	65 Ldn	60 Ldn	55 Ldn
0.0	0.0	111.1	350.7



TABLE Cumulative 2025 Plus Project-19  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 7th Street to 10th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 4200 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.66  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 129.4

TABLE Cumulative 2025 Plus Project-20  
FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
ROADWAY SEGMENT: Jackson Street - 10th Street to 11th Street  
NOTES: Japantown - Cumulative 2025 Plus Project

\*\*\* ASSUMPTIONS \*\*\*  
AVERAGE DAILY TRAFFIC: 3900 SPEED (MPH): 30 GRADE: .5  
TRAFFIC DISTRIBUTION PERCENTAGES  
DAY NIGHT  
AUTOS 88.08 9.34  
M-TRUCKS 1.65 0.19  
H-TRUCKS 0.66 0.08  
ACTIVE HALF-WIDTH (FT): 6 SITE CHARACTERISTICS: HARD

\*\*\* CALCULATED NOISE LEVELS \*\*\*  
Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 58.34  
DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
70 Ldn 65 Ldn 60 Ldn 55 Ldn  
0.0 0.0 0.0 120.1

TABLE Cumulative 2025 Plus Project-21  
 FHWA ROADWAY NOISE LEVEL ANALYSIS

RUN DATE: 01/09/2008  
 ROADWAY SEGMENT: Jackson Street - 11th Street to 13th Street  
 NOTES: Japantown - Cumulative 2025 Plus Project

\* \* ASSUMPTIONS \* \*  
 AVERAGE DAILY TRAFFIC: 4600    SPEED (MPH): 30    GRADE: .5  
 TRAFFIC DISTRIBUTION PERCENTAGES  
 DAY                    NIGHT  
 ---                    ----  
 AUTOS                    88.08                    9.34  
 M-TRUCKS                1.65                    0.19  
 H-TRUCKS                0.66                    0.08  
 ACTIVE HALF-WIDTH (FT): 6    SITE CHARACTERISTICS: HARD

\* \* CALCULATED NOISE LEVELS \* \*  
 Ldn AT 50 FT FROM NEAR TRAVEL LANE CENTERLINE (dB) = 59.05  
 DISTANCE (FEET) FROM ROADWAY CENTERLINE TO Ldn  
 70 Ldn                    65 Ldn                    60 Ldn                    55 Ldn  
 -----                    -----                    -----                    -----  
 0.0                    0.0                    0.0                    141.6