9th Street (James Wood)

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 17970 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1617.3 #M Tr= 89.8 #H Tr= 89.8
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.62 Leq(MT)= 65.75 Leq(HT)= 70.95 Leq= 73.71 CNEL= 75.51

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 27900 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2511.0 #M Tr= 139.5 #H Tr= 139.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 70.53 Leq(MT)= 67.66 Leq(HT)= 72.86 Leq= 75.62 CNEL= 77.42

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 30230 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2720.7 #M Tr= 151.1 #H Tr= 151.1
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 70.88 Leq(MT)= 68.01 Leq(HT)= 73.21 Leq= 75.97 CNEL= 77.77

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 16820 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1513.8 #M Tr= 84.1 #H Tr= 84.1
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.33 Leq(MT)= 65.47 Leq(HT)= 70.66 Leq= 73.42 CNEL= 75.22

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 22050 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1984.5 #M Tr= 110.3 #H Tr= 110.3
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.50 Leq(MT)= 66.64 Leq(HT)= 71.84 Leq= 74.60 CNEL= 76.40

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 24700 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2223.0 #M Tr= 123.5 #H Tr= 123.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 70.00 Leq(MT)= 67.14 Leq(HT)= 72.33 Leq= 75.09 CNEL= 76.89

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 16050 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1444.5 #M Tr= 80.3 #H Tr= 80.3
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.13 Leq(MT)= 65.26 Leq(HT)= 70.46 Leq= 73.22 CNEL= 75.02

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 22550 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2029.5 #M Tr= 112.8 #H Tr= 112.8
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.60 Leq(MT)= 66.74 Leq(HT)= 71.94 Leq= 74.69 CNEL= 76.49

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 24450 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2200.5 #M Tr= 122.3 #H Tr= 122.3
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.95 Leq(MT)= 67.09 Leq(HT)= 72.29 Leq= 75.04 CNEL= 76.84

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 14700 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1323.0 #M Tr= 73.5 #H Tr= 73.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 67.74 Leq(MT)= 64.88 Leq(HT)= 70.08 Leq= 72.83 CNEL= 74.63

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 18100 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1629.0 #M Tr= 90.5 #H Tr= 90.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.65 Leq(MT)= 65.79 Leq(HT)= 70.98 Leq= 73.74 CNEL= 75.54

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 9TH ST
Project No. Date: Hardness= 0.00

ADT= 20100 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1809.0 #M Tr= 100.5 #H Tr= 100.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.10 Leq(MT)= 66.24 Leq(HT)= 71.44 Leq= 74.19 CNEL= 75.99

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 13900 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1251.0 #M Tr= 69.5 #H Tr= 69.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 67.50 Leq(MT)= 64.64 Leq(HT)= 69.83 Leq= 72.59 CNEL= 74.39

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 20200 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1818.0 #M Tr= 101.0 #H Tr= 101.0
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.12 Leq(MT)= 66.26 Leq(HT)= 71.46 Leq= 74.21 CNEL= 76.01

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 22300 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2007.0 #M Tr= 111.5 #H Tr= 111.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 69.55 Leq(MT)= 66.69 Leq(HT)= 71.89 Leq= 74.64 CNEL= 76.44

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 13700 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1233.0 #M Tr= 68.5 #H Tr= 68.5
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 67.44 Leq(MT)= 64.58 Leq(HT)= 69.77 Leq= 72.53 CNEL= 74.33

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 17030 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1532.7 #M Tr= 85.2 #H Tr= 85.2
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.38 Leq(MT)= 65.52 Leq(HT)= 70.72 Leq= 73.47 CNEL= 75.27

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 19010 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1710.9 #M Tr= 95.0 #H Tr= 95.0
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.86 Leq(MT)= 66.00 Leq(HT)= 71.19 Leq= 73.95 CNEL= 75.75

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 12810 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1152.9 #M Tr= 64.0 #H Tr= 64.0
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 67.15 Leq(MT)= 64.28 Leq(HT)= 69.48 Leq= 72.24 CNEL= 74.04

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 17620 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1585.8 #M Tr= 88.1 #H Tr= 88.1
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.53 Leq(MT)= 65.67 Leq(HT)= 70.86 Leq= 73.62 CNEL= 75.42

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 18080 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1627.2 #M Tr= 90.4 #H Tr= 90.4
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 68.64 Leq(MT)= 65.78 Leq(HT)= 70.98 Leq= 73.73 CNEL= 75.53

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT=	6570	%ADT=	10.0	%Auto=	90.0	%M Tr=	5.0	%H Tr=	5.0
		Speed=	35.0	#Auto=	591.3	#M Tr=	32.8	#H Tr=	32.8

Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 64.25 Leq(MT)= 61.38 Leq(HT)= 66.58 Leq= 69.34 CNEL= 71.14

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 8570 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 771.3 #M Tr= 42.8 #H Tr= 42.8
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 65.40 Leq(MT)= 62.54 Leq(HT)= 67.73 Leq= 70.49 CNEL= 72.29

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FLOWER 9TH ST
Project No. Date: Hardness= 0.00

ADT= 10240 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 921.6 #M Tr= 51.2 #H Tr= 51.2
Grade correction for trucks: 0 db(A)

Dist= 30.0 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 66.17 Leq(MT)= 63.31 Leq(HT)= 68.51 Leq= 71.26 CNEL= 73.06