11th Street

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 16390 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1475.1 #M Tr= 81.9 #H Tr= 81.9
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)= 68.22 Leq(MT)= 65.35 Leq(HT)= 70.55 Leq= 73.31 CNEL= 75.11

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 18600 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1674.0 #M Tr= 93.0 #H Tr= 93.0
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)= 68.77 Leq(MT)= 65.90 Leq(HT)= 71.10 Leq= 73.86 CNEL= 75.66

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 22810 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2052.9 #M Tr= 114.0 #H Tr= 114.0
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)= 69.65 Leq(MT)= 66.79 Leq(HT)= 71.99 Leq= 74.74 CNEL= 76.54

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 15540 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1398.6 #M Tr= 77.7 #H Tr= 77.7
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)= 67.99 Leq(MT)= 65.12 Leq(HT)= 70.32 Leq= 73.08 CNEL= 74.88

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 17380 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1564.2 #M Tr= 86.9 #H Tr= 86.9
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)= 68.47 Leq(MT)= 65.61 Leq(HT)= 70.80 Leq= 73.56 CNEL= 75.36

Table . BARRIER ANALYSIS COMPUTATIONS

Case: W OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 23650 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 2128.5 #M Tr= 118.3 #H Tr= 118.3
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)= 69.81 Leq(MT)= 66.95 Leq(HT)= 72.14 Leq= 74.90 CNEL= 76.70

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 15700 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1413.0 #M Tr= 78.5 #H Tr= 78.5
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)= 68.03 Leq(MT)= 65.17 Leq(HT)= 70.36 Leq= 73.12 CNEL= 74.92

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 11TH 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 11TH ST
Project No. Date: Hardness= 0.00

ADT= 21580 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1942.2 #M Tr= 107.9 #H Tr= 107.9
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)= 69.41 Leq(MT)= 66.55 Leq(HT)= 71.74 Leq= 74.50 CNEL= 76.30

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 12720 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1144.8 #M Tr= 63.6 #H Tr= 63.6
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)= 67.12 Leq(MT)= 64.25 Leq(HT)= 69.45 Leq= 72.21 CNEL= 74.01

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 14650 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1318.5 #M Tr= 73.3 #H Tr= 73.3
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)= 67.73 Leq(MT)= 64.87 Leq(HT)= 70.06 Leq= 72.82 CNEL= 74.62

Table . BARRIER ANALYSIS COMPUTATIONS

Case: E OF FIGUEROA 11TH ST
Project No. Date: Hardness= 0.00

ADT= 19620 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0
Speed= 35.0 #Auto= 1765.8 #M Tr= 98.1 #H Tr= 98.1
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)= 69.00 Leq(MT)= 66.14 Leq(HT)= 71.33 Leq= 74.09 CNEL= 75.89