

Hope Street

Table . BARRIER ANALYSIS COMPUTATIONS

Case: N OF PICO						HOPE ST
Project No.		Date:				Hardness= 0.00
ADT= 7000	%ADT= 10.0	%Auto= 90.0	%M Tr= 5.0	%H Tr= 5.0		
	Speed= 35.0	#Auto= 630.0	#M Tr= 35.0	#H Tr= 35.0		
Grade correction for trucks: 0 db(A)						
Dist= 39.1		Left dist= -999,999		Right dist= 999,999		

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 63.38    Leq(MT)= 60.52    Leq(HT)= 65.71    Leq= 68.47    CNEL= 68.07



Table . BARRIER ANALYSIS COMPUTATIONS

Case: N OF PICO						HOPE ST
Project No.		Date:				Hardness= 0.00
ADT= 9230	%ADT= 10.0	%Auto= 90.0	%M Tr= 5.0	%H Tr= 5.0		
	Speed= 35.0	#Auto= 830.7	#M Tr= 46.1	#H Tr= 46.1		
Grade correction for trucks: 0 db(A)						
Dist= 39.1		Left dist= -999,999		Right dist= 999,999		

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 64.58   Leq(MT)= 61.72   Leq(HT)= 66.91   Leq= 69.67   CNEL= 69.27

Table . BARRIER ANALYSIS COMPUTATIONS

Case: N OF PICO							HOPE ST
Project No.		Date:				Hardness=	0.00
ADT= 4300	%ADT= 10.0	%Auto= 90.0	%M Tr= 5.0	%H Tr= 5.0			
	Speed= 35.0	#Auto= 387.0	#M Tr= 21.5	#H Tr= 21.5			
Grade correction for trucks: 0 db(A)							
Dist= 39.1		Left dist= -999,999		Right dist= 999,999			

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 61.26    Leq(MT)= 58.40    Leq(HT)= 63.60    Leq= 66.35    CNEL= 65.95

Table . BARRIER ANALYSIS COMPUTATIONS

Case: N OF PICO							HOPE ST
Project No.		Date:					Hardness= 0.00
ADT= 5310	%ADT= 10.0	%Auto= 90.0	%M Tr= 5.0	%H Tr= 5.0			
	Speed= 35.0	#Auto= 477.9	#M Tr= 26.5	#H Tr= 26.5			
Grade correction for trucks: 0 db(A)							
Dist= 39.1		Left dist= -999,999		Right dist= 999,999			

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 62.18 Leq(MT)= 59.32 Leq(HT)= 64.51 Leq= 67.27 CNEL= 66.87

Table . BARRIER ANALYSIS COMPUTATIONS

Case: N OF PICO  
Project No. Date: HOPE ST  
Hardness= 0.00  
ADT= 5480 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0  
Speed= 35.0 #Auto= 493.2 #M Tr= 27.4 #H Tr= 27.4  
Grade correction for trucks: 0 db(A)  
Dist= 39.1 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 62.32 Leq(MT)= 59.45 Leq(HT)= 64.65 Leq= 67.41 CNEL= 67.01

Table . BARRIER ANALYSIS COMPUTATIONS



Case: S OF PICO							HOPE ST
Project No.		Date:					Hardness= 0.00
ADT= 5640	%ADT= 10.0	%Auto= 90.0	%M Tr= 5.0	%H Tr= 5.0			
	Speed= 35.0	#Auto= 507.6	#M Tr= 28.2	#H Tr= 28.2			
Grade correction for trucks: 0 db(A)							
Dist= 39.1		Left dist= -999,999		Right dist= 999,999			

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 62.44 Leq(MT)= 59.58 Leq(HT)= 64.77 Leq= 67.53 CNEL= 67.13



Table . BARRIER ANALYSIS COMPUTATIONS

Case: S OF PICO	Date:	HOPE ST
Project No.		Hardness= 0.00
ADT= 7080	%ADT= 10.0	%Auto= 90.0
	Speed= 35.0	#Auto= 637.2
Grade correction for trucks: 0 db(A)	%M Tr= 5.0	%H Tr= 5.0
	#M Tr= 35.4	#H Tr= 35.4
Dist= 39.1	Left dist= -999,999	Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 63.43    Leq(MT)= 60.57    Leq(HT)= 65.76    Leq= 68.52    CNEL= 68.12

Table . BARRIER ANALYSIS COMPUTATIONS

Case: S OF PICO HOPE ST  
Project No. Date: Hardness= 0.00  
ADT= 4250 %ADT= 10.0 %Auto= 90.0 %M Tr= 5.0 %H Tr= 5.0  
Speed= 35.0 #Auto= 382.5 #M Tr= 21.3 #H Tr= 21.3  
Grade correction for trucks: 0 db(A)  
Dist= 39.1 Left dist= -999,999 Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 61.21 Leq(MT)= 58.35 Leq(HT)= 63.55 Leq= 66.30 CNEL= 65.90

Table . BARRIER ANALYSIS COMPUTATIONS

Case: S OF PICO  
Project No.

Date:

HOPE ST  
Hardness= 0.00

ADT= 5310      %ADT= 10.0      %Auto= 90.0      %M Tr= 5.0      %H Tr= 5.0  
                  Speed= 35.0      #Auto= 477.9      #M Tr= 26.5      #H Tr= 26.5  
Grade correction for trucks: 0 db(A)

Dist= 39.1      Left dist= -999,999      Right dist= 999,999

NOISE LEVELS WITHOUT BARRIER OR TOP-OF-SLOPE

Leq(A)= 62.18    Leq(MT)= 59.32    Leq(HT)= 64.51    Leq= 67.27    CNEL= 66.87