## **APPENDIX C**

# **NCDOT**

## **NOISE BARRIER**

# FEASIBILITY AND REASONABLENESS

## **WORKSHEETS**

### NCDOT NOISE WALL

#### FEASIBILITY & REASONABLENESS WORKSHEET

PROJECT			TIP#						
NO	ISE WALL#-	COU	NTY(IES)						
# IN	MPACTS	# BENEFITS	NAC:	A	В	C	D	E	
<b>A.</b>	FEASBILITY	·:							
1.	Can a 5-dB(A) re	duction in traffic noise level	ls be achieved for	r at least	two impa	acted rece	eptors?		
2.	Does topography negatively affect the proposed noise wall?								
3.	Does the proposed noise wall negatively affect property access, drainage, utilities or maintenance requirements?								
4.	Is there control of	access in the vicinity of the	e proposed noise	wall?					
В.	REASONABI	LENESS							
1.	Can a 7- dB(A) re	eduction in traffic noise leve	els be achieved for	or at least	one ben	efited rec	eptor?		
2.		r benefited receptor ofsq	_	less than	the max	imum all	owable		
C.	NOISE WAL	L PRELIMINARY DI	ECISION						
1.	Is the noise wall p	oreliminarily feasible?							
2.	Is the noise wall p	oreliminarily reasonable?							
3.	Is the noise wall l	ikely?							
PRI	EPARED BY:		DATE PRE	EPARE	D•				

### NCDOT NOISE WALL

#### FEASIBILITY & REASONABLENESS WORKSHEET

PROJECT -				TIP	TIP#					
NO]	ISE WALL #		COUNTY(IES)							
# IN	<b>MPACTS</b>	# BENEFITS	S NAC:	A	В	$\mathbf{C}$	D	E		
<b>A.</b>	FEASBILITY	•								
			se levels be achieved	for at least	trus imam	a ata d ma a	omtowo?			
1. 2.	` '				two mip	acted reco	eptors?			
3.	Does topography negatively affect the proposed noise wall?  Does the proposed noise wall negatively affect property access, drainage, utilities or maintenance requirements?									
4.	Is there control of	access in the vicinit	y of the proposed noi	se wall?						
В.	REASONABL	ENESS								
1.	Can a 7- dB(A) reduction in traffic noise levels be achieved for at least one benefited receptor?									
2.		benefited receptor of	of square for square feet?	eet less than	the max	ximum all	owable			
C.	NOISE WALI	L DECISION								
1.	Is the noise wall fe	easible?								
2.	Is the noise wall re	easonable?								
3.	Is the noise wall recommended for construction?  [If yes, a final determination on noise wall construction will be made upon completion of the public preference balloting of benefited property owners and tenants.]									
PRI	EPARED BY: _		DATE PI	REPARE	D:					