

# **VDOT POLICY UPDATE**

Paul M. Kohler – VDOT Noise Abatement Program Manager

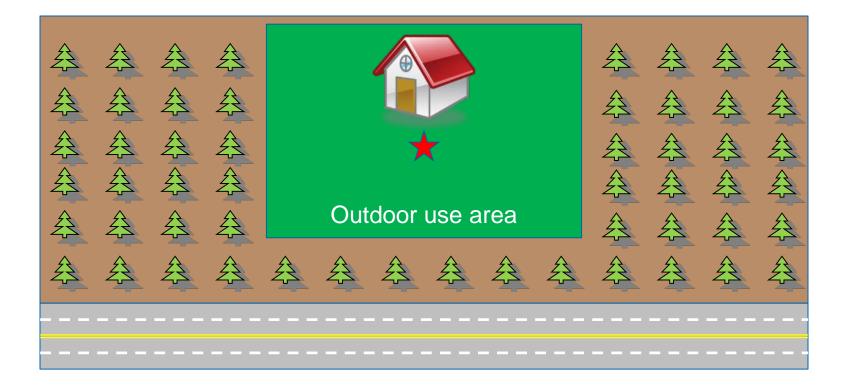
Christopher Menge – HMMH Senior Vice President

# **PRESENATION SUMMARY**

- Single Impacted Receptors
- Voting Process
  - Weighting
- Project Example
  - Old vs. New Methodology
- Questions

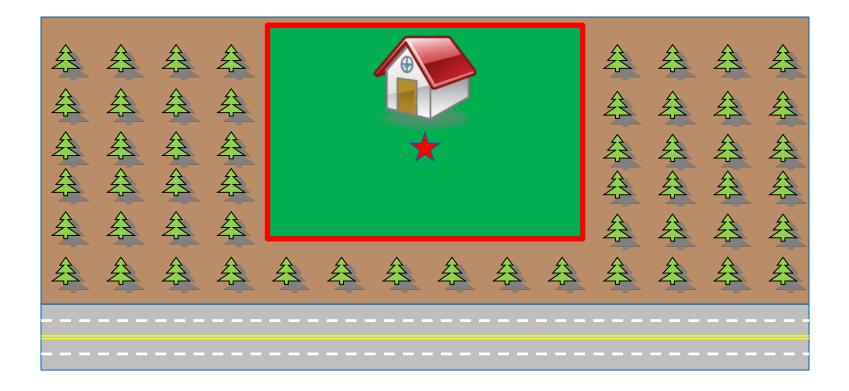


• How do we address single impacted receptors?



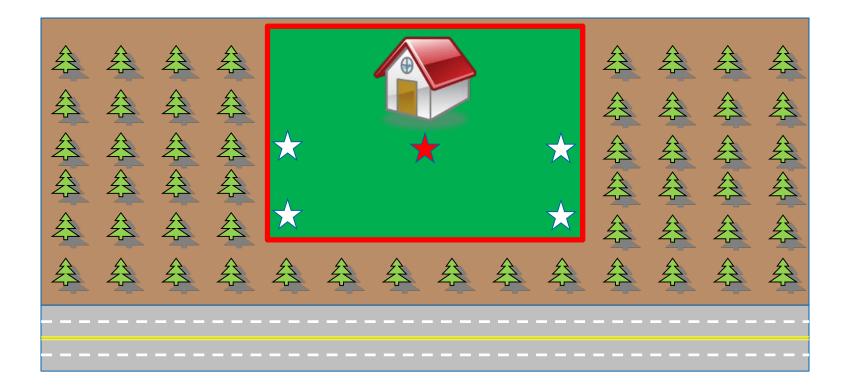


• Place a boundary around the extent of the outdoor use area (associated with the single impacted receptor)



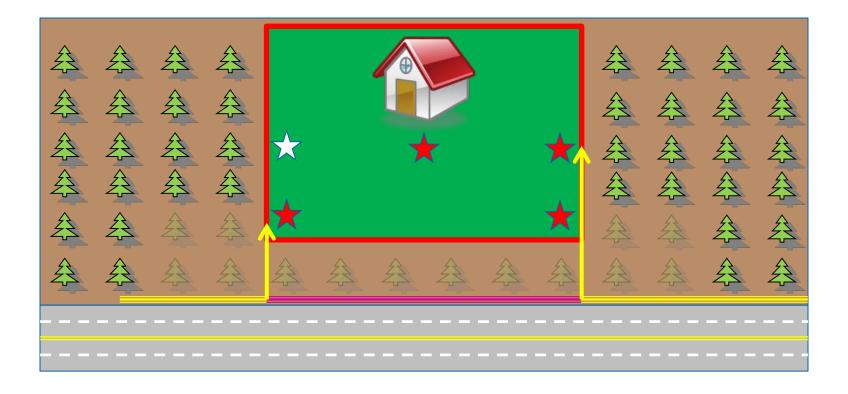


• Additional noise sensitive sites are then placed at the opposite ends of both boundaries



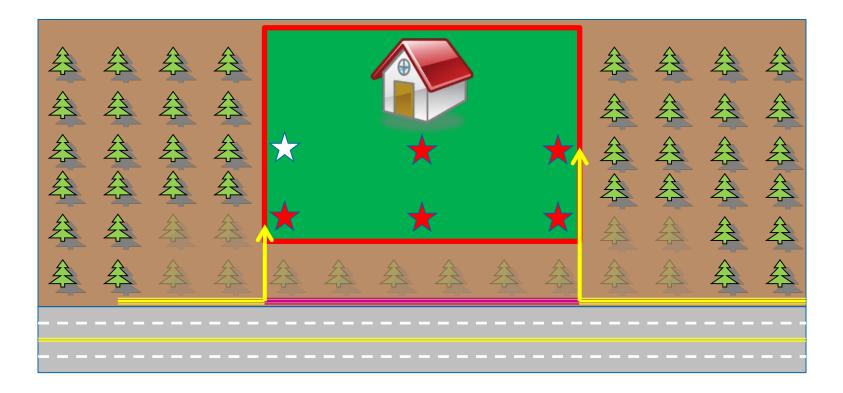


• Extend the boundary limits of the of the outdoor use area to the proposed roadway, perpendicular to the roadway. Also, extend the barrier in both directions (2:1)





• A final noise sensitive site is placed at the boundary extent in the middle of the barrier. The barrier may be shortened as long as the additional receptors are benefited as described in the methodology. Use 1 receptor for reasonableness.





#### WHAT HASN'T CHANGED?

- Method of obtaining votes: certified mailings, public meeting, etc.
- Who can vote: only the owners and residents of those receptor units that will be benefited by the proposed mitigation may vote.
- 50% or more must be in favor of a proposed noise barrier in order for that noise barrier to be considered further.
  - Votes will be tallied on a noise barrier by noise barrier basis.
- Staff will assess the number and location of any opposing votes on a noise barrier by noise barrier basis which may result in partial highway traffic noise abatement.

# **VOTING PROCESS**

#### • All votes are now weighted

Table 2     Public Opinion Survey Weighting System								
Impact and benefit category	Activity Category <sup>4</sup>	Owner and Resident	Non-Resident Owner	Renter				
Impacted & Benefited	٨		Saa nota balaw					
Not Impacted & Benefited	А	See note below						
Impacted & Benefited	$B^1$	5	3	2				
Not Impacted & Benefited	$\mathbf{B}^1$	3	2	1				
Impacted & Benefited	$C^2$		5					
Not Impacted & Benefited	$C^2$		3					
Impacted & Benefited	D		2					
Not Impacted & Benefited	D		1					
Impacted & Benefited	Е		2					
Not Impacted & Benefited	Е		1					

<sup>1</sup> For activity Category B Receptors only one vote per single family unit will be counted. However the owner of a multiple-family dwelling unit will be granted one vote per benefited unit. Additionally the developer of permitted lands will be granted one vote per benefited lot of the permitted phase where construction has not occurred.

<sup>2</sup> For activity Category C Receptors only 1 vote per facility will be granted.

<sup>3</sup> For activity Category G Receptors the votes will depend on the future land use. The example provided above assumes a residential development.

<sup>4</sup> For permitted land uses defer to the appropriate land use category.

#### • Specify Number of Days:

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- <u>1<sup>st</sup> Mailing: Twenty-one (21) calendar days</u> from the anticipated delivery date is required to provide the recipients ample time to review and respond to the survey
- <u>2<sup>nd</sup> Mailing: Fourteen (14) calendar days</u> from the anticipated delivery date is required for the second mailing to provide the recipients ample time to review and respond to the survey.

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8			Number of Letters Sent to Owners	Sent to Owners	Letters sent to Non- Resident Owners	known)			
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10	Not Impacted and Benefited	В	3						
11 12				Non-Resid	ent Owner				
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14	Developments)	NAC CATEGORY		Number of Letters	Represented by				
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24			NOTE: A Total of 9 letters	s have been sent					
25									
26									

	Total Number of Representa	tive Responses Sen	t			
	Owner and Resident	Non-Resid	ent Owner			
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В	2	1					
			Non-Resident Owner				
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### **VOTING PROCESS**

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Results in the box below should only be considered when all of the responses have been tallied

#### A Second Mailing is Required

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NOTE: The number of votes tallied in this sheet should represent the cumulative total of responses for both mailings.

#### **VOTING PROCESS**

#### ptal Number of Representative Responses Sent (Total Number of Votes - Including 1st Mailing

	Owner and	d Resident	Non-Resid	ent Owner			
NAC CATEGORY	Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes			
В	3						
В	2	1					
			Non-Resident Owner				
NAC CATEGORY			Representative Number of 'Yes' Votes	Representative Number of 'No' Votes			
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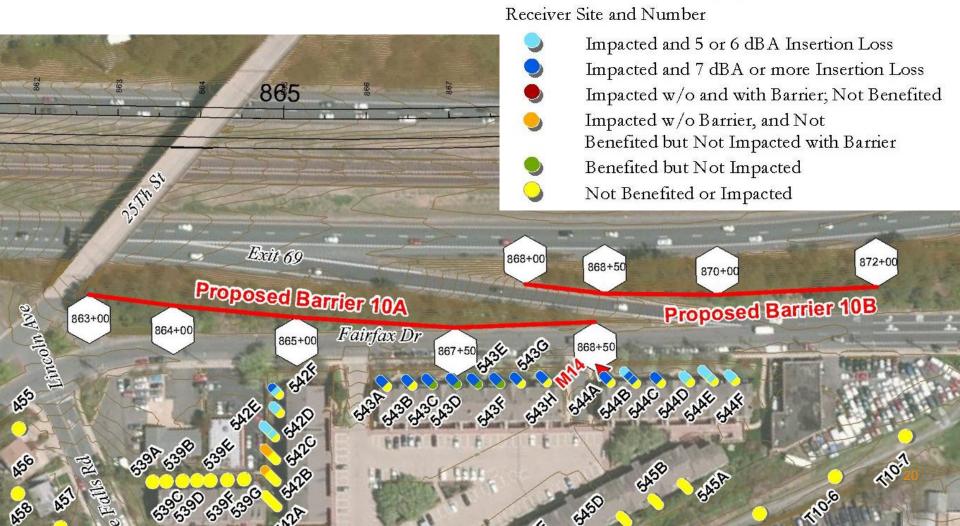
Results in the box below should only be considered when all of the responses have been

#### The Barrier Is Recommended for Construction

EXAMPLE PROJECT: I-66 Spot Improvements Arlington, VA – Barrier 10 Condos with Balconies

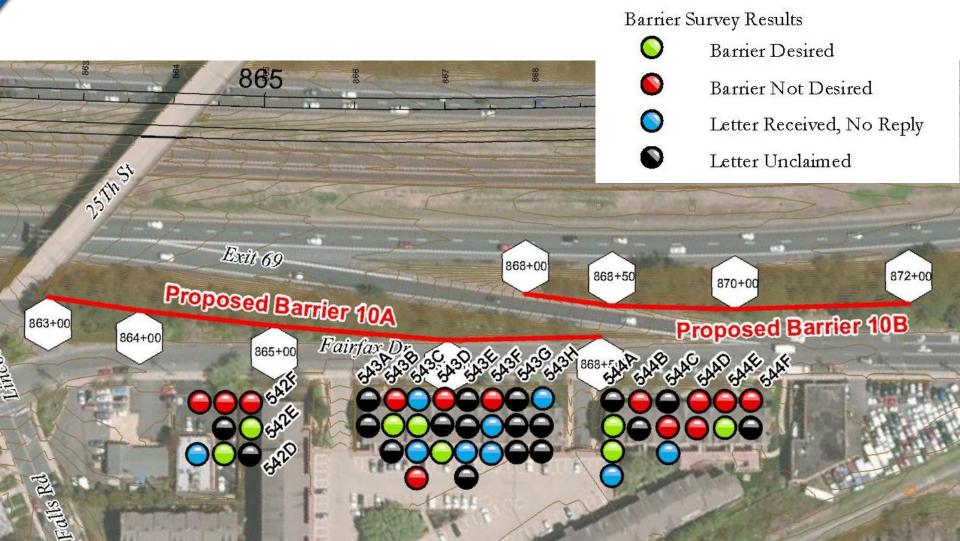


### **Barrier 10 Results Graphic**



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# Survey Results Graphic Prior to New Voting Process



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# Returned Responses & Weighted Votes

		Total Number of Returned Responses (Representative)					
		Owner and Resident Non-Resident Owner Apar		Apartment Complexes / Rental Properties			
(Include Permitted Developments)	NAC CATEGORY	Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes	Number of 'Yes' Votes	Number of 'No' Votes
Impacted and Benefited	В	3	9	4	1	1	2
Not Impacted and Benefited	В	0	1	0	0	0	0
4							

		Total Number of Weighted Votes					
		Owner and	Owner and Resident Non-Resident Owner			omplexes / Rental perties	
(Include Permitted Developments)	NAC CATEGORY	Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes	Number of 'Yes' Votes	Number of 'No' Votes
Impacted and Benefited	В	15	45	12	3	2	4
Not Impacted and Benefited	В	0	3	0	0	0	0

Survey Results

UPC Project Number Barrier Name			78828					
		0	0066-96A-113 10		2nd Mailing Summary			
(Include Permitted Developments)			NAC CATEGORY		Total Number of Representative Responses Sent	Total Maxiumum Number of Representative Votes		
Impacted and Benefited			E	3	45	225		
Not Impacted and Benefited			B		3	9		
Impacted and Benefited			c		0	0		
Not Impacted and Benefited			С		0	0		
Impacted and Benefited			D		0	0		
Not Impacted and Benefited			D		0	0		
Impacted and Benefited			E		0	0		
Not Impacted and Benefited			E .		0	0		
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	% of	% of "No"	% of					
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	Votes	(All	ing Votes					
	13.5	25.6	60.9					
	Votes (Respond				Results in the box below should only be considered when all of the responses have been tallied The Barrier Is Not Recommended for Construction and Should Not be included in the Plans			

23



# **QUESTIONS???**

Paul M. Kohler – VDOT Noise Abatement Program Manager

Christopher Menge – HMMH Senior Vice President