VDOT POLICY UPDATE

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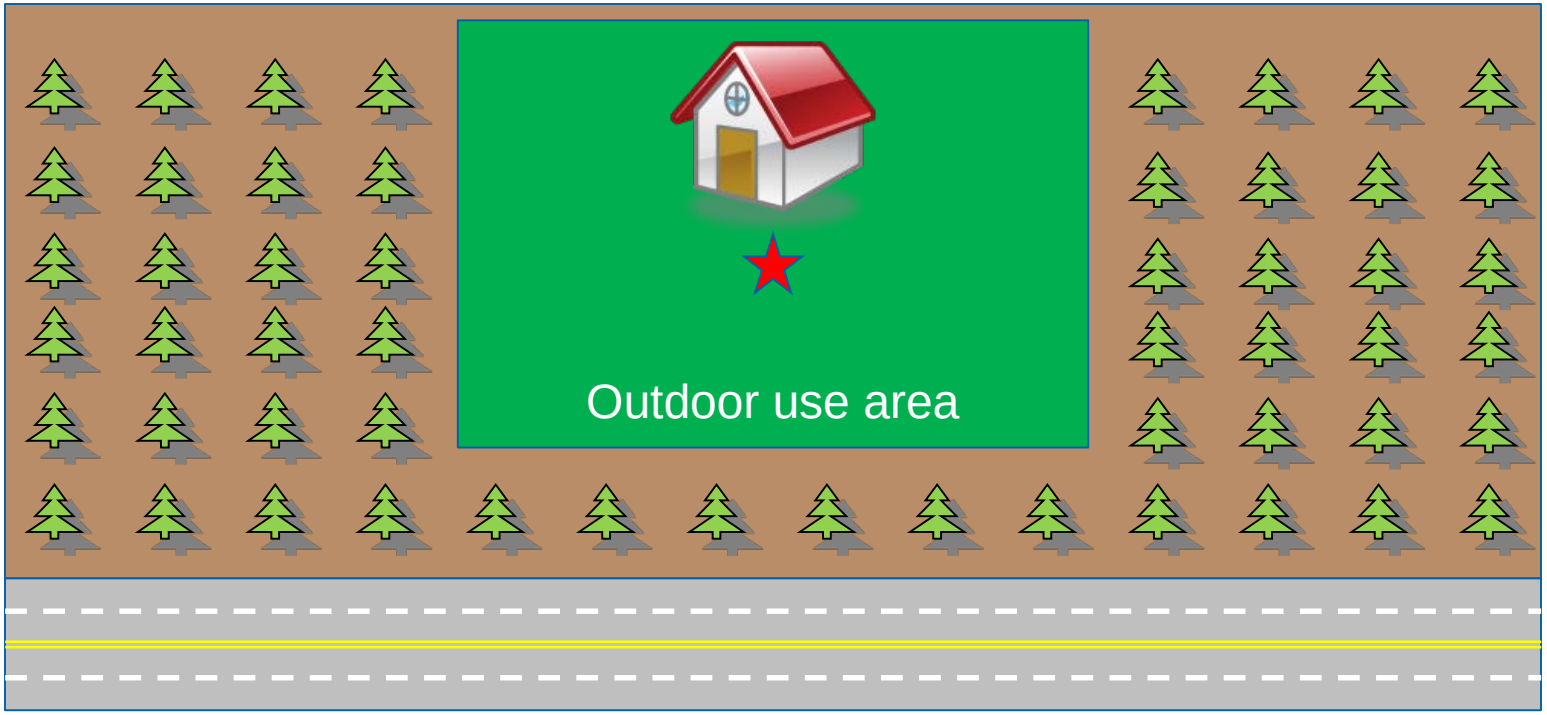
PRESENATION SUMMARY

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

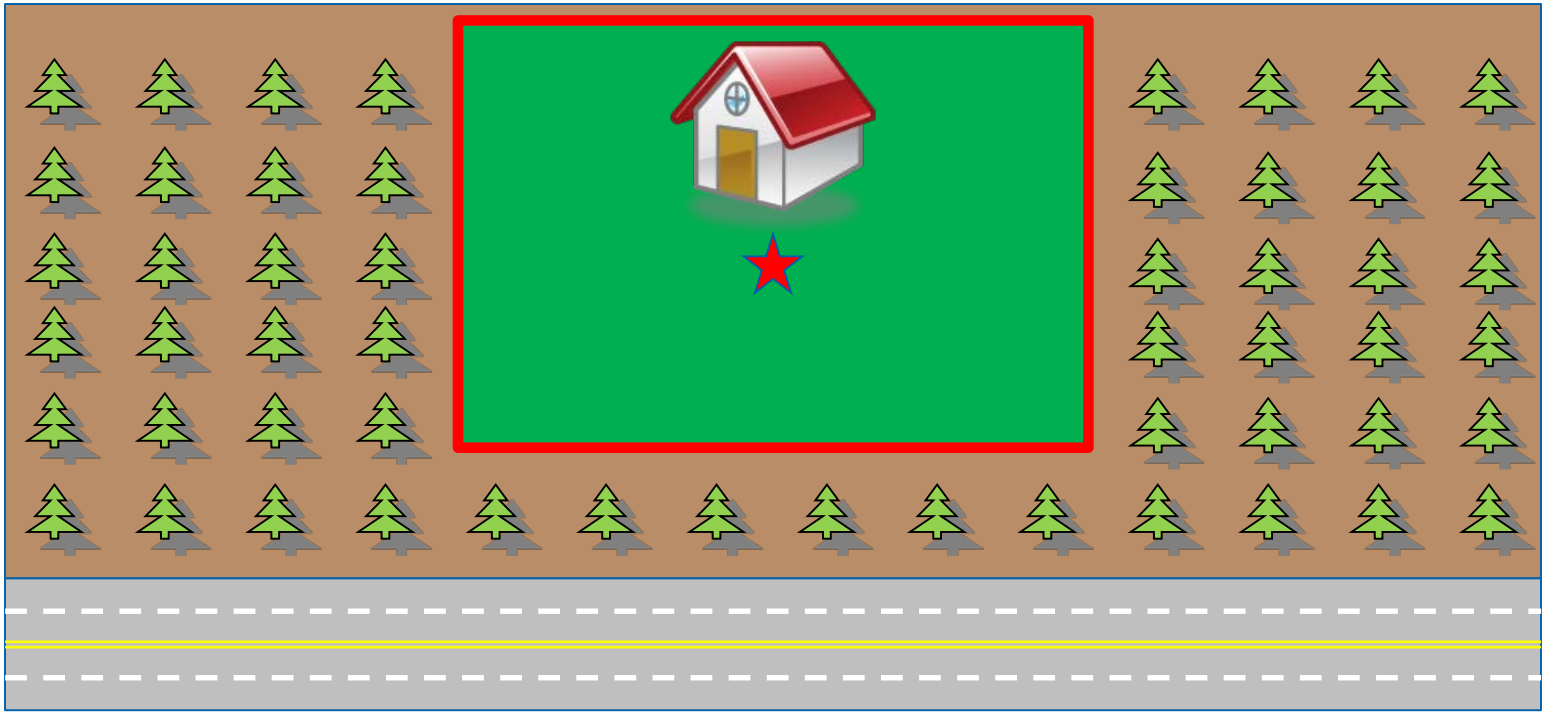
SINGLE IMPACTED RECEPTOR

- **How do we address single impacted receptors?**



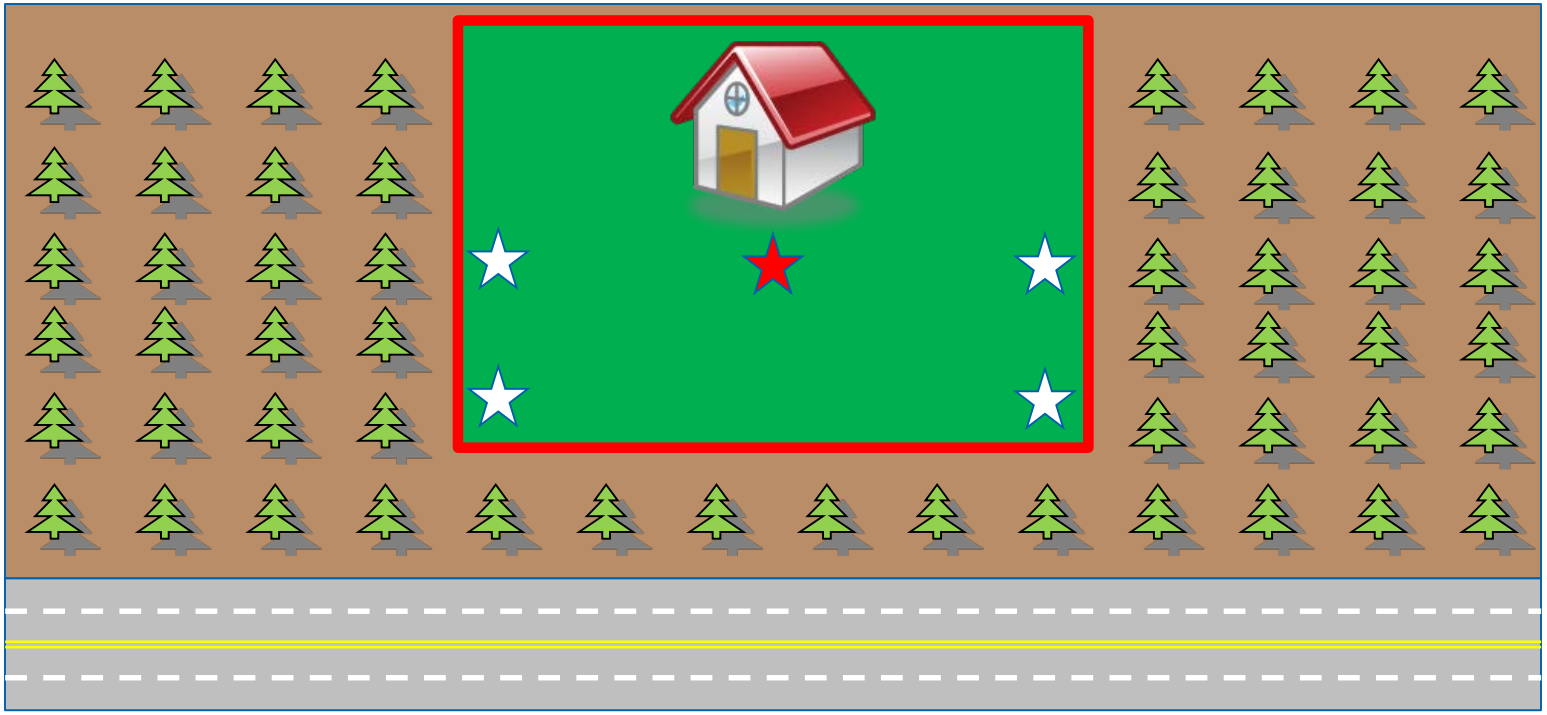
SINGLE IMPACTED RECEPTOR

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



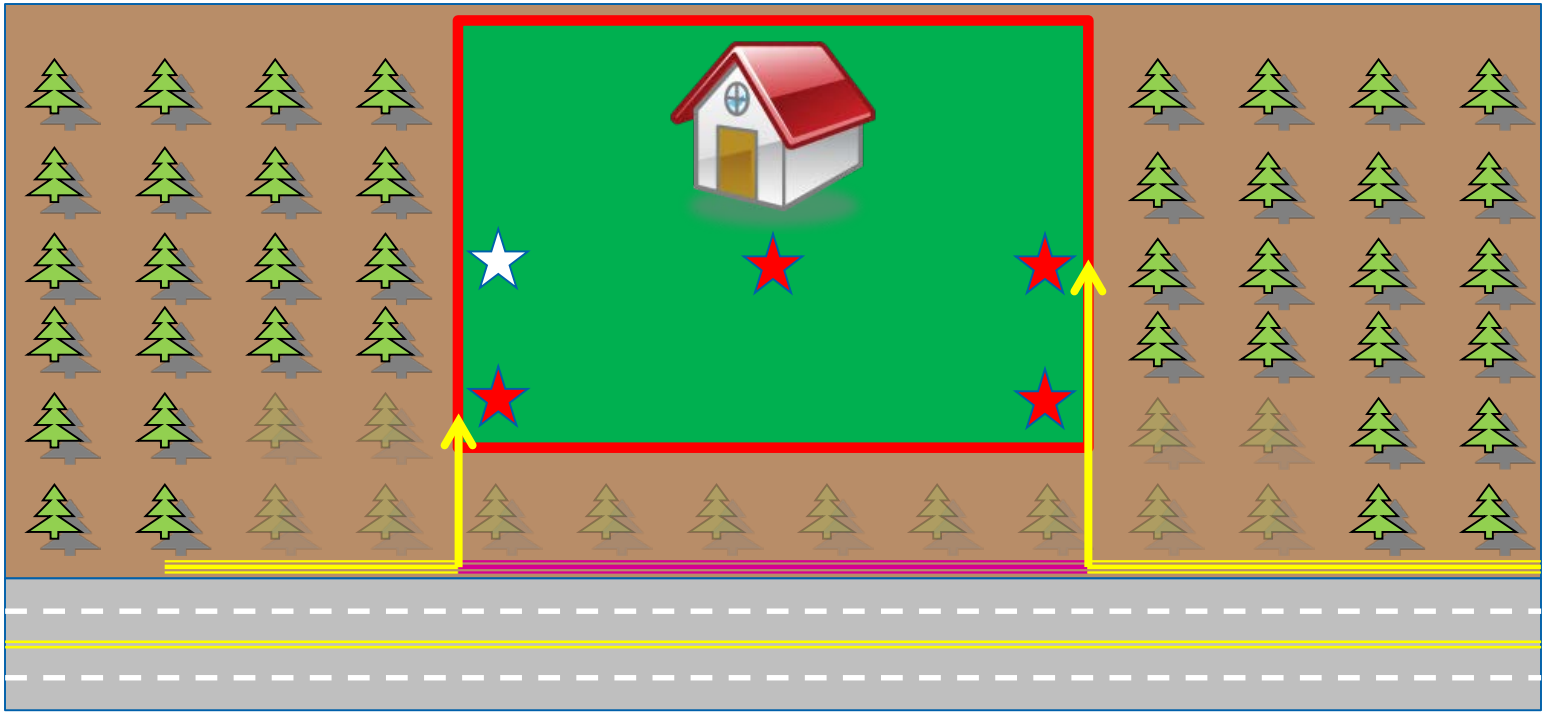
SINGLE IMPACTED RECEPTOR

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



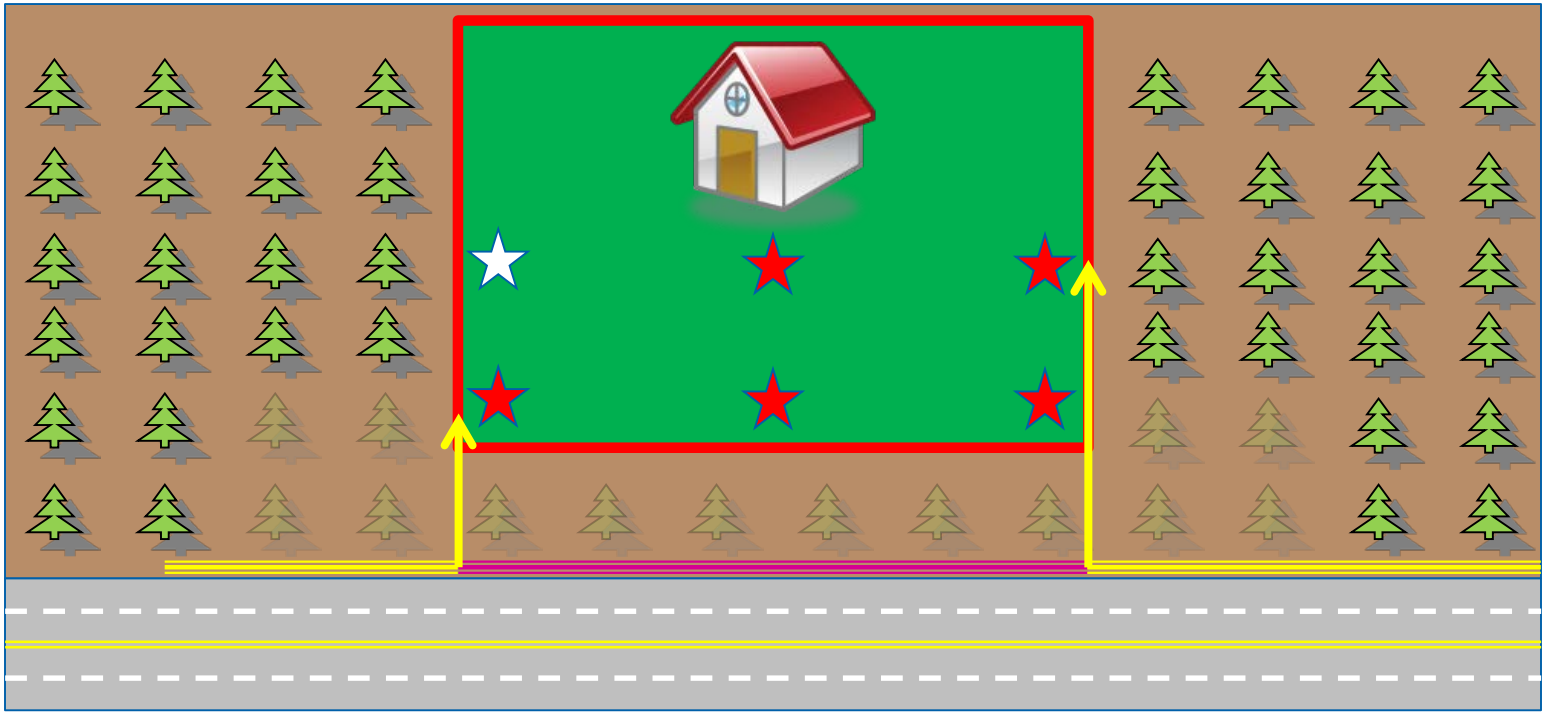
SINGLE IMPACTED RECEPTOR

- **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)**



SINGLE IMPACTED RECEPTOR

- **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.**



VOTING PROCESS

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

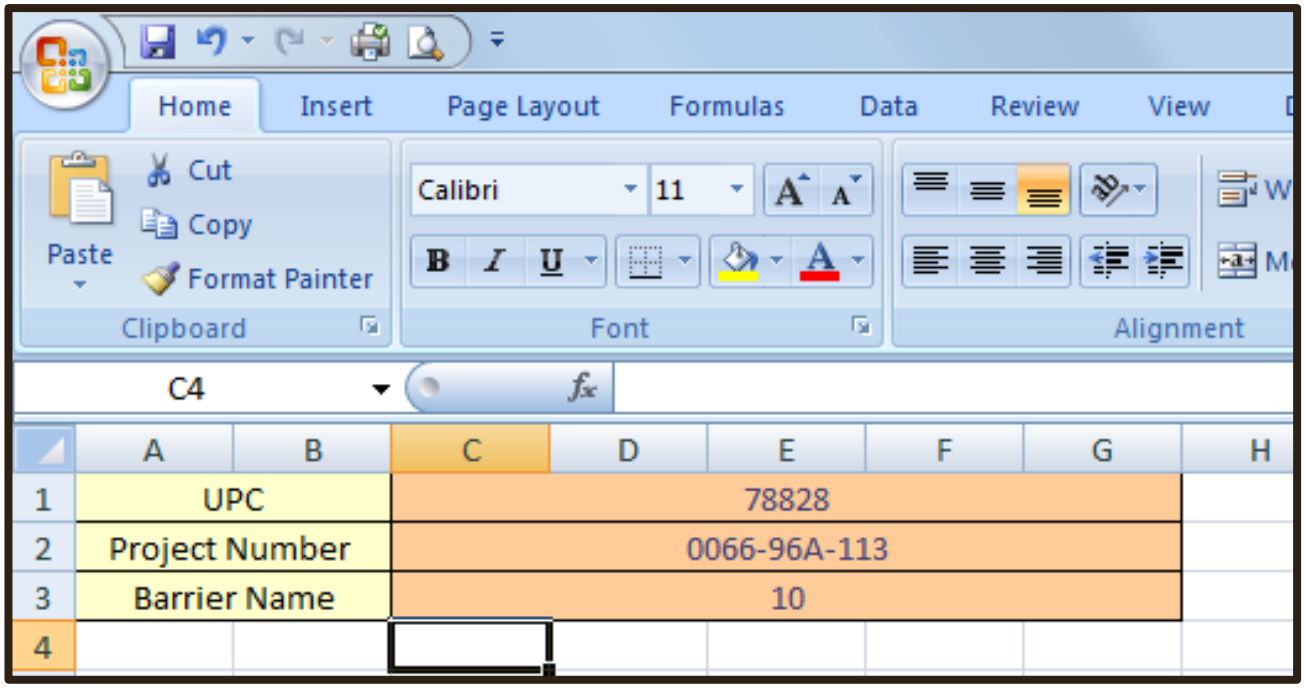
- **All votes are now weighted**

Table 2 Public Opinion Survey Weighting System				
Impact and benefit category	**Activity Category[4]**	**Owner and Resident**	**Non-Resident Owner**	**Renter**
Impacted & Benefited	A	See note below		
Not Impacted & Benefited				
Impacted & Benefited	B[1]	5	3	2
Not Impacted & Benefited	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	E		2	
Not Impacted & Benefited	E		1	

[1] 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.
[2] For activity Category C Receptors only 1 vote per facility will be granted.
[3] For activity Category G Receptors the votes will depend on the future land use. The example provided above assumes a residential development.
[4] For permitted land uses defer to the appropriate land use category.

VOTING PROCESS

- **Specify Number of Days:**
  - **1st Mailing: Twenty-one (21) calendar days from the anticipated delivery date is required to provide the recipients ample time to review and respond to the survey**
  - **2nd Mailing: Fourteen (14) calendar days from the anticipated delivery date is required for the second mailing to provide the recipients ample time to review and respond to the survey.**



VOTING PROCESS

Barrier Voting Summary Worksheet v1_presentation.xlsx - Microso

Total Number of Representative Responses Sent

(Include Permitted Developments)	NAC CATEGORY	Owner and Resident	Non-Resident Owner		Apartment Complexes / Rental Properties
		Number of Letters Sent to Owners	Number of Letters Sent to Owners	Number of Residences Represented by Letters sent to Non-Resident Owners	Number of Letters Sent to Renters (if known)
Impacted and Benefited	B	5			
Not Impacted and Benefited	B	3			
(Include Permitted Developments)	NAC CATEGORY		Non-Resident Owner		
			Number of Letters Sent to Owners	Number of Facilites Represented by Letters sent to Non-Resident Owners	
Impacted and Benefited	C		1	1	
Not Impacted and Benefited	C				
Impacted and Benefited	D				
Not Impacted and Benefited	D				
Impacted and Benefited	E				
Not Impacted and Benefited	E				

NOTE: A Total of 9 letters have been sent.

VOTING PROCESS

Total Number of Representative Responses Sent			
NAC CATEGORY	Owner and Resident	Non-Resident Owner	
	Number of Letters Sent to Owners	Number of Letters Sent to Owners	Number of Residences Represented by Letters sent to Non-Resident Owners
B	5		
B	3		
NAC CATEGORY		Non-Resident Owner	
		Number of Letters Sent to Owners	Number of Facilites Represented by Letters sent to Non-Resident Owners
C		1	1
C			
D			
D			
E			
E			

NOTE: A Total of 9 letters have been sent.

VOTING PROCESS

Barrier Voting Summary Worksheet v1_presentation.xlsx - Microsoft Excel

A11 (Include Permitted Developments)

Total Number of Returned Responses (Representative)

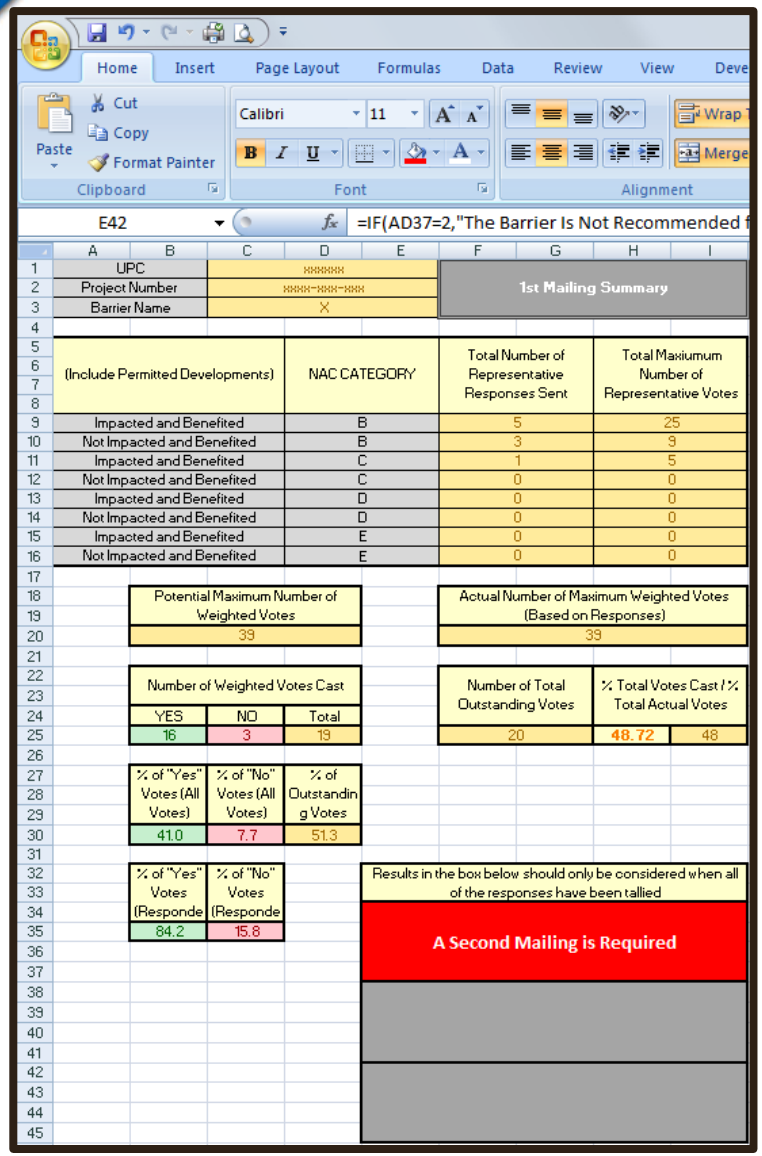
(Include Permitted Developments)	NAC CATEGORY	Owner and Resident		Non-Resident Owner		Apartment Complexes / Rental Properties	
		Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes	Number of 'Yes' Votes	Number of 'No' Votes
Impacted and Benefited	B	2					
Not Impacted and Benefited	B	2	1				

(Include Permitted Developments)	NAC CATEGORY			Non-Resident Owner		
				Representative Number of 'Yes' Votes	Representative Number of 'No' Votes	
Impacted and Benefited	C			0		
Not Impacted and Benefited	C					
Impacted and Benefited	D					
Not Impacted and Benefited	D					
Impacted and Benefited	E					
Not Impacted and Benefited	E					

VOTING PROCESS

Total Number of Returned Responses (Representative)				
NAC CATEGORY	Owner and Resident		Non-Resident Owner	
	Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes
B	2			
B	2	1		
NAC CATEGORY			Non-Resident Owner	
			Representative Number of 'Yes' Votes	Representative Number of 'No' Votes
C			0	
C				
D				
D				
E				
E				

VOTING PROCESS



E42 =IF(AD37=2,"The Barrier Is Not Recommended f

UPC	xxxxxx
Project Number	xxxx-xxx-xxx
Barrier Name	X

1st Mailing Summary

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maxiumum Number of Representative Votes
Impacted and Benefited	B	5	25
Not Impacted and Benefited	B	3	9
Impacted and Benefited	C	1	5
Not Impacted and Benefited	C	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

Potential Maximum Number of Weighted Votes	Actual Number of Maximum Weighted Votes (Based on Responses)
39	39

Number of Weighted Votes Cast			Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
YES	NO	Total			
16	3	19	20	48.72	48

% of "Yes" Votes (All Votes)	% of "No" Votes (All Votes)	% of Outstandin g Votes
41.0	7.7	51.3

% of "Yes" Votes (Responde	% of "No" Votes (Responde
84.2	15.8

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

A Second Mailing is Required

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

A Second Mailing is Required

VOTING PROCESS

Barrier Voting Summary Worksheet v1_presentation.xlsx - Microso

D3 | NAC CATEGORY

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

(Include Permitted Developments)	NAC CATEGORY	Owner and Resident		Non-Resident Owner		Apartment Complexes / Rental Properties	
		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	B	3					
Not Impacted and Benefited	B	2	1				

(Include Permitted Developments)	NAC CATEGORY			Non-Resident Owner			
				Representative Number of 'Yes' Votes	Representative Number of 'No' Votes		
Impacted and Benefited	C			0			
Not Impacted and Benefited	C						
Impacted and Benefited	D						
Not Impacted and Benefited	D						
Impacted and Benefited	E						
Not Impacted and Benefited	E						

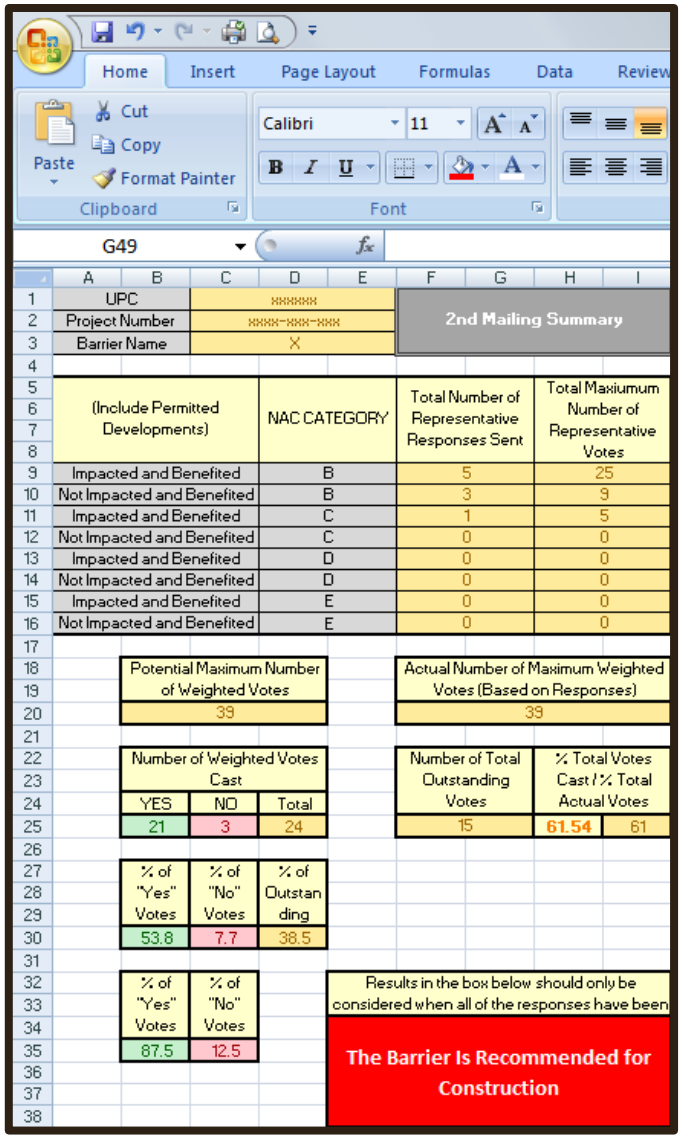
NOTE: The number of votes tallied in this sheet should represent the cumulative total of responses for both mailings.

VOTING PROCESS

otal Number of Representative Responses Sent (Total Number of Votes - Including 1st Mailing				
NAC CATEGORY	Owner and Resident		Non-Resident Owner	
	Number of 'Yes' Votes	Number of 'No' Votes	Representative Number of 'Yes' Votes	Representative Number of 'No' Votes
B	3			
B	2	1		
NAC CATEGORY			Non-Resident Owner	
			Representative Number of 'Yes' Votes	Representative Number of 'No' Votes
C			0	
C				
D				
D				
E				
E				

mber of votes tallied in this sheet should represent the cumulative total of respo

VOTING PROCESS



UPC	xxxxxx
Project Number	xxxx-xxx-xxx
Barrier Name	X

2nd Mailing Summary

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maxiumum Number of Representative Votes
Impacted and Benefited	B	5	25
Not Impacted and Benefited	B	3	9
Impacted and Benefited	C	1	5
Not Impacted and Benefited	C	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

Potential Maximum Number of Weighted Votes	Actual Number of Maximum Weighted Votes (Based on Responses)
39	39

Number of Weighted Votes Cast			Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
YES	NO	Total			
21	3	24	15	61.54	61

% of "Yes" Votes	% of "No" Votes	% of Outstanding
53.8	7.7	38.5

% of "Yes" Votes	% of "No" Votes
87.5	12.5

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

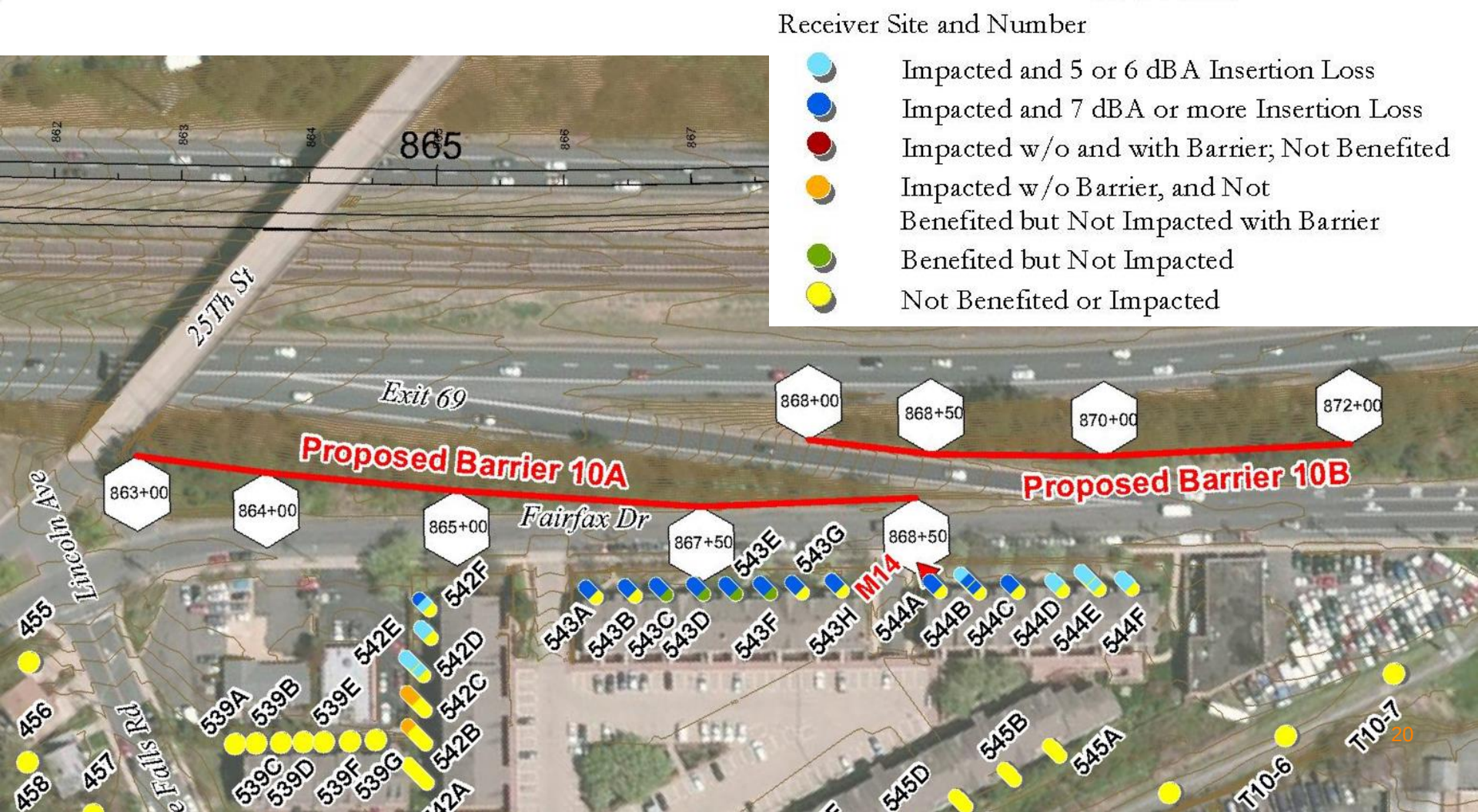
The Barrier Is Recommended for Construction

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

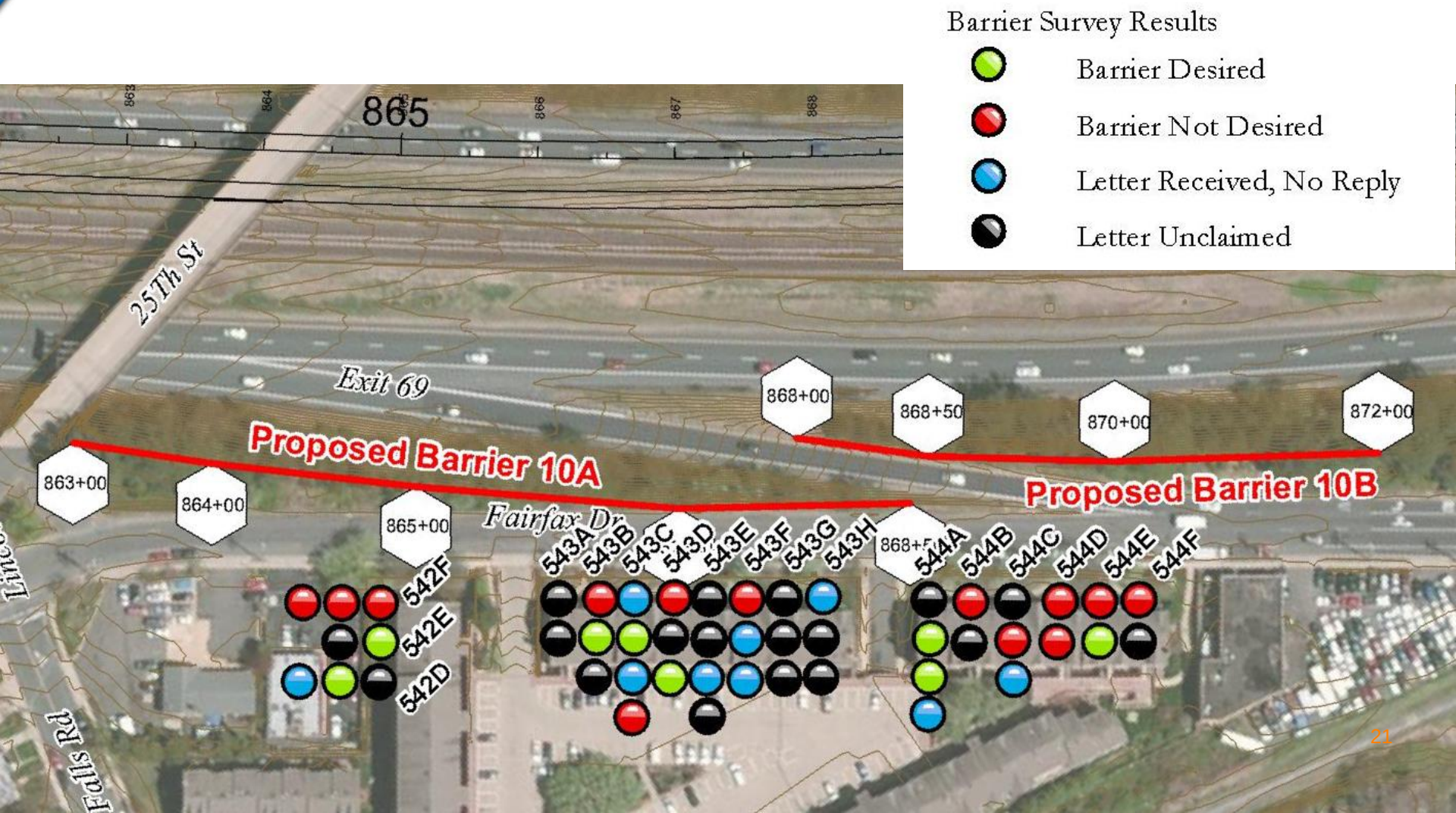
The Barrier Is Recommended for Construction

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

Barrier 10 Results Graphic



Survey Results Graphic Prior to New Voting Process



Returned Responses & Weighted Votes

		Total Number of Returned Responses (Representative)					
		Owner and Resident		Non-Resident Owner		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	B	3	9	4	1	1	2
Not Impacted and Benefited	B	0	1	0	0	0	0

		Total Number of Weighted Votes					
		Owner and Resident		Non-Resident Owner		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	B	15	45	12	3	2	4
Not Impacted and Benefited	B	0	3	0	0	0	0

Survey Results

UPC	78828
Project Number	0066-96A-113
Barrier Name	10

2nd Mailing Summary

(Include Permitted Developments)	NAC CATEGORY	Total Number of Representative Responses Sent	Total Maxiumum Number of Representative Votes
Impacted and Benefited	B	45	225
Not Impacted and Benefited	B	3	9
Impacted and Benefited	C	0	0
Not Impacted and Benefited	C	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

Potential Maximum Number of Weighted Votes
234

Actual Number of Maximum Weighted Votes (Based on Responses)
215

Number of Weighted Votes Cast		
YES	NO	Total
29	55	84

Number of Total Outstanding Votes	% Total Votes Cast / % Total Actual Votes	
131	39.07	39

% of "Yes" Votes	% of "No" Votes (All	% of Outstanding Votes
13.5	25.6	60.9

% of "Yes" Votes (Respond	% of "No" Votes (Respond
34.5	65.5

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

QUESTIONS???

Paul M. Kohler – VDOT
Noise Abatement Program Manager

Christopher Menge – HMMH
Senior Vice President