FIGURES
Fairfax County Parkway Widening Project
Fairfax County, Virginia
State: 0286-029-259, P101
UPC: 107937

Figure 1
Regional Location Map
Fairfax County Parkway Widening Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101
Preliminary Noise Analysis
Fairfax County, Virginia

Figure: 2 - 1
Detailed Study Area Map

Modeled Receivers
Behind Potential Barriers
? Not Impacted not Benefited
? Benefited not Impacted
? Impacted and Benefited
? Impacted not Benefited
C Proposed Acquisition

Behind Existing Barriers
# Not Impacted

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- 500' Study Area

0 500 1,000 Feet

Aerial imagery courtesy of Fairfax County GIS Imagery Service

Figure: 2 - 1

Detailed Study Area Map
Figure: 2 - 4

Fairfax County Parkway Widening Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101

Preliminary Noise Analysis
Fairfax County, Virginia

Detailed Study Area Map

Modeled Receivers
Behind Potential Barriers
- Not Impacted not Benefited
- Benefited not Impacted
- Impacted and Benefited
- Impacted not Benefited

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Monitoring Site
- Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- 500' Study Area

66 dB(A) Contour

Existing Barriers
- Existing Retaining Wall
- Existing Barrier to Remain

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Proposed Acquisition
- Not Impacted

Not Impacted

Benefited not Impacted

Impacted and Benefited

Impacted not Benefited

CNE Boundary

Virginia

West Virginia

Maryland

Fairfax County Parkway Widening Project
VDOT UPC: 107937
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Preliminary Noise Analysis
Fairfax County, Virginia

Detailed Study Area Map
Figure: 2 - 5
Fairfax County Parkway Widening Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101
Fairfax County, Virginia
Preliminary Noise Analysis
Detailed Study Area Map

Modeled Receivers
- Behind Potential Barriers
  - Not Impacted not Benefited
  - Benefited not Impacted
  - Impacted and Benefited
  - Impacted not Benefited
- Proposed Acquisition
- Behind Existing Barriers
  - Not Impacted

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- TSM Study Area

Virginia
West Virginia
Maryland

0 500 1,000 Feet
Fairfax County Parkway Widening Project
VDOT LPC: 107937
VDOT Project Number: 0286-029-259, P101
Preliminary Noise Analysis
Fairfax County, Virginia
Figure: 2 - 6a
Detailed Study Area Map
Figure: 2 - 7a
Fairfax County Parkway Widening Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101
Fairfax County, Virginia
Detailed Study Area Map

Modeled Receivers

Exisiting Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Alternative 1A Preliminary Design Edge of Pavement
- 66 dB(A) Contour

CNE Boundary
- 500' Study Area

Proposed Acquisition
- Behind Potential Barriers
- Not Impacted
- Not Benefited
- Benefited not Impacted
- Impacted and Benefited
- Impacted not Benefited

Existing Barriers
- Not Impacted
- Behind Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall
- Not Impacted

Virginia
West Virginia
Maryland
Modelled Receivers
Behind Potential Barriers

? Not Impacted not Benefited
? Benefited not Impacted
? Impacted and Benefited
? Impacted not Benefited

Proposed Acquisition
Behind Existing Barriers

Not Impacted

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Alternative 2 Preliminary Design Edge of Pavement
- 66 dBA Contour
- CNE Boundary
- 500' Study Area

Fairfax County Parkway Widening Project
VDOT LDD: 107937
VDOT Project Number: 0286-029-259, P101
Preliminary Noise Analysis
Fairfax County, Virginia
Figure: 2 - 6b
Detailed Study Area Map
Modeled Receivers

- Behind Potential Barriers
  - Not Impacted
  - Benefitted
  - Impacted and Benefitted
  - Impacted not Benefitted
- Proposed Acquisition

- Behind Existing Barriers
  - Not Impacted

Existing Barriers
- Existing Retaining Wall
- Existing Barrier to Remain

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Alternative 2 Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- 500' Study Area

Fairfax County Parkway Widening Project
VDOT LPC: 107937
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Preliminary Noise Analysis
Fairfax County, Virginia
Figure: 2 - 7b
Detailed Study Area Map
Fairfax County Parkway Widening Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101
Preliminary Noise Analysis
Fairfax County, Virginia
Figure: 2 - 6c
Detailed Study Area Map

Modeled Receivers
- Behind Potential Barriers
  - Not Impacted not Benefited
  - Benefited not Impacted
  - Impacted and Benefited
  - Impacted not Benefited
- Proposed Acquisition
- Behind Existing Barriers
  - Not Impacted

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible not Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
Alternative 2D Preliminary Design Edge of Pavement
66 dB(A) Contour
CNE Boundary
CNE Study Area

Virginia
West Virginia
Maryland
Barrier P

POPES HEAD ROAD

WASHINGTONSTREET

M16

CNE P

CNE R

CNE S

CNE Q

CNE O

Q-006

Q-005

Q-004

Q-003

Q-002

Q-001

S-001

0 500 1,000 Feet

Aerial imagery courtesy of Fairfax County GIS Imagery Service

Figure: 2 - 7c

Fairfax County Parkway Widening Project
VDOT UPC: 107937
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Fairfax County, Virginia

Preliminary Noise Analysis
Fairfax County, Virginia

Figure: 2 - 7c
Detailed Study Area Map

Modeled Receivers

Existing Barriers

- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers

- Barrier Feasible and Reasonable
- Barrier Feasible not Reasonable

Proposed Acquisition

Not Impacted

Not Impacted not Benefited

Benefited not Impacted

Impacted and Benefited

Impacted not Benefited

Monitoring Site

66 dB(A) Contour

CNE Boundary

500' Study Area
Figure: 2 - 8

Detailed Study Area Map

Fairfax County Parkway Widening Project
VDOT LPC: 107937
VDOT Project Number: 0286-002-259, P101
Fairfax County, Virginia

Modeled Receivers

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible and Reasonable
- Barrier Feasible not Reasonable

Monitoring Site

- Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- CNE Study Area

- Proposed Acquisition
- Behind Existing Barriers
- Behind Potential Barriers
- Not Impacted
- Benefited not Impacted
- Impacted and Benefited
- Impacted not Benefited

0 500 1,000 Feet

Aerial imagery courtesy of Fairfax County GIS Imagery Service

Virginia
West Virginia
Maryland
Figure: 2 - 11

Existing Barriers
- Existing Barrier to Remain
- Existing Retaining Wall

Potential Barriers
- Barrier Feasible and Reasonable
- Barrier Feasible and Unreasonable

Modeled Receivers
- Behind Potential Barriers
- Behind Existing Barriers
- Proposed Acquisition

Not Impacted
- Not Impacted
- Benefited not Impacted
- Impacted and Benefited
- Impacted not Benefited

Barrier Feasible and Reasonable
- Barrier Feasible and Reasonable
- Barrier Feasible and Reasonable

Monitoring Site
- Preliminary Design Edge of Pavement
- 66 dB(A) Contour
- CNE Boundary
- Study Area

Fairfax County Parkway Improvements Project
VDOT UPC: 107937
VDOT Project Number: 0286-029-259, P101
Preliminary Noise Analysis
Fairfax County, Virginia

Detailed Study Area Map