



# Salem District Park & Ride Investment Strategy



## Route 311 near I-81; Exit 140

Major Corridors Served: I-81/I-581/US 460

Jurisdiction: Roanoke County

Improvement Type: Expansion

Recommendation ID: SAL-8

Technical Score (Ranking): 6.266 (1<sup>st</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

P&R lot expansion to add 50 spaces, and reconstruct bus loading areas, kiosks, and shelters at P&R lot along Route 311 (Thompson Memorial Highway) near I-81.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 88,847

LOS (Route Served): E

Workers within 3 mile radius: 11,946

% Workers traveling outside 3 mile radius: 86%

% Workers traveling outside 25 mile radius: 20%

% Workers traveling outside 50 mile radius: 14%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50

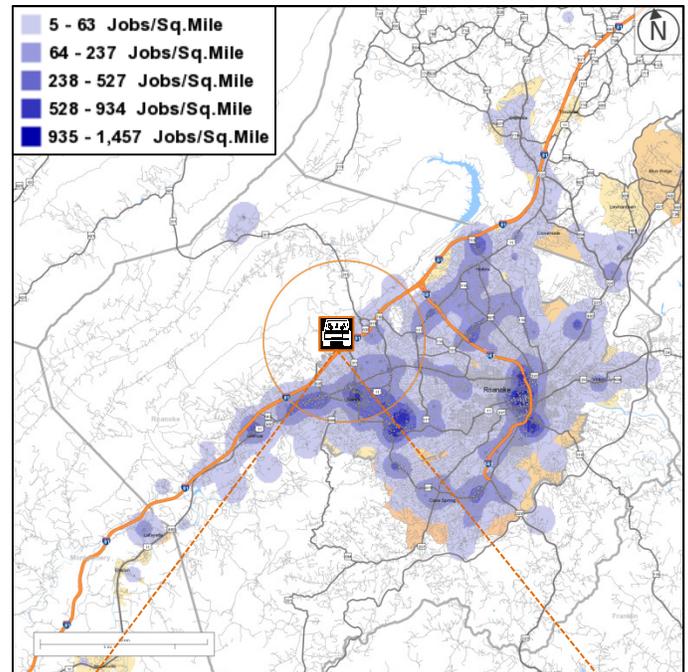
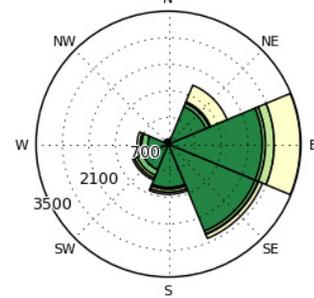
Inside Priority Investment Area: No

Annual VMT Reduction\*: 260,643 miles

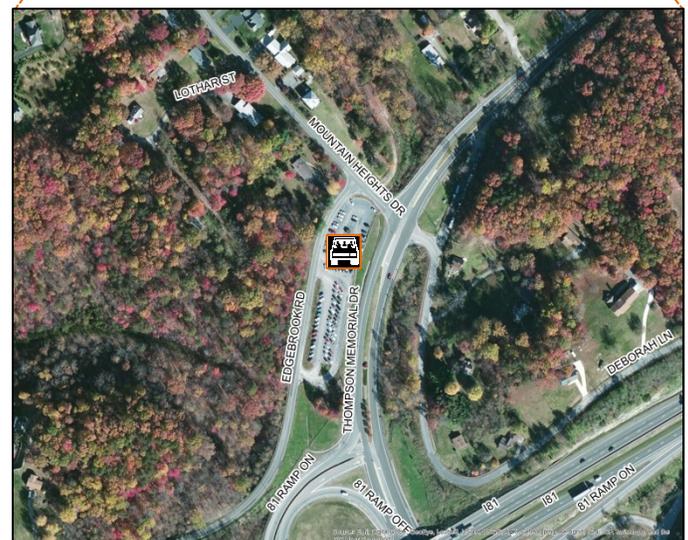
Total Annual Cost Savings\*: \$ 143,357

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## US 220 near Route 57

Major Corridors Served: US 220/Route 57

Jurisdiction: Henry County

Improvement Type: New Lot

Recommendation ID: SAL-12

Technical Score (Ranking): 5.909 (2<sup>nd</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

Construct a new 50 space P&R lot along US 220 near Route 57 (Fairystone Park Highway).

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 37,769

LOS (Route Served): C

Workers within 3 mile radius: 4,457

% Workers traveling outside 3 mile radius: 84%

% Workers traveling outside 25 mile radius: 38%

% Workers traveling outside 50 mile radius: 12%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50

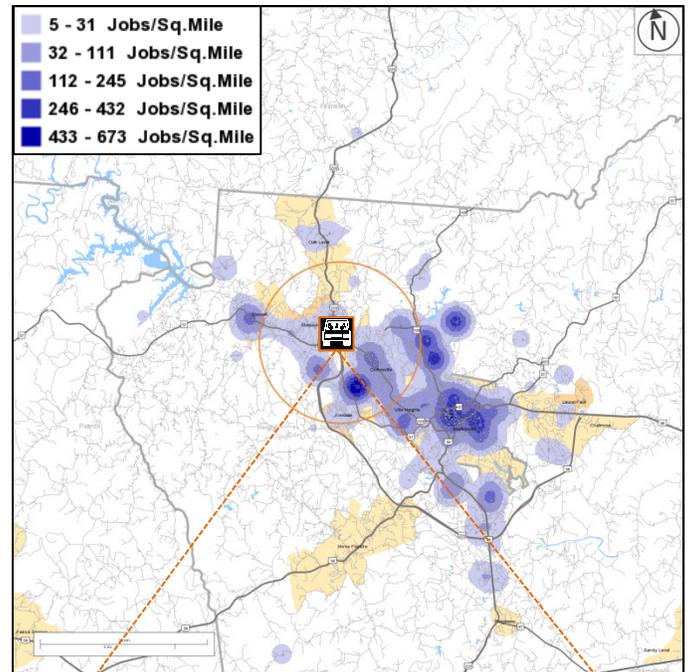
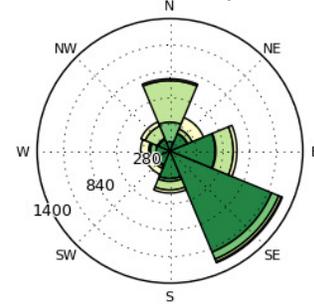
Inside Priority Investment Area: Intersect

Annual VMT Reduction\*: 348,560 miles

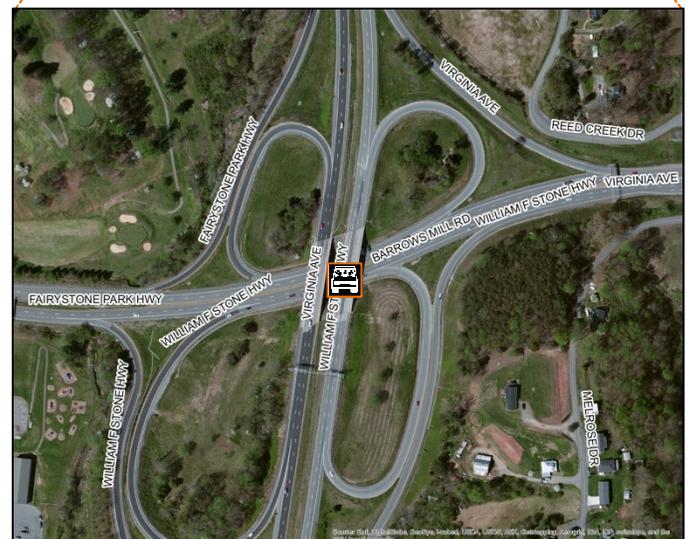
Total Annual Cost Savings\*: \$ 191,708

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## US 220 at Route 653

Major Corridors Served: I-81/US 11/US 220

Jurisdiction: Botetourt County

Improvement Type: Expansion

Recommendation ID: SAL-10

Technical Score (Ranking): 5.596 (3<sup>rd</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

P&R expansion of the existing P&R lot by adding 30 spaces along US 220 (Roanoke Road) at Route 653 (Wesley Road).

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 78,599

LOS (Route Served): E

Workers within 3 mile radius: 3,154

% Workers traveling outside 3 mile radius: 92%

% Workers traveling outside 25 mile radius: 27%

% Workers traveling outside 50 mile radius: 18%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 30

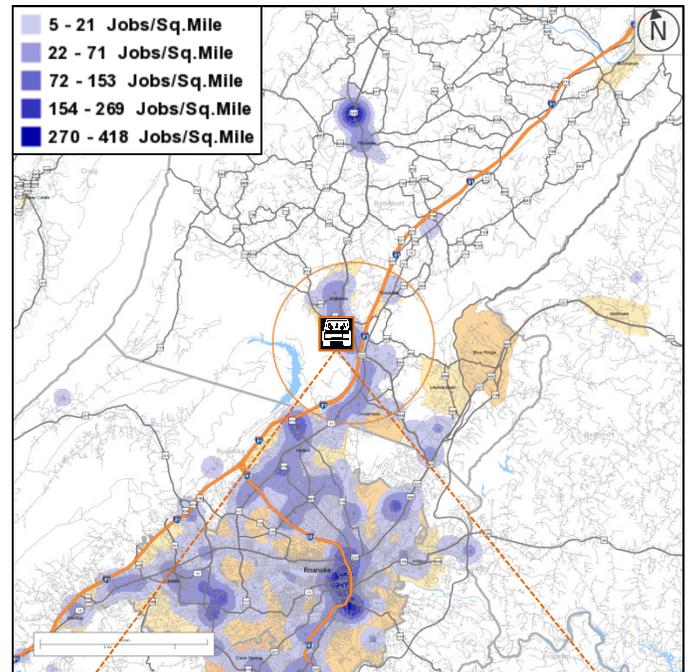
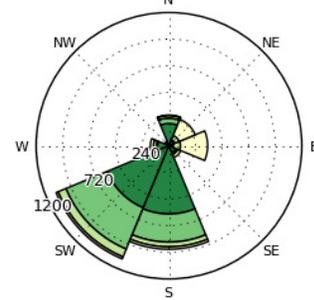
Inside Priority Investment Area: No

Annual VMT Reduction\*: 223,110 miles

Total Annual Cost Savings\*: \$ 122,710

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 300,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## US 220 near I-81

Major Corridors Served: I-81/US 11/US 220

Jurisdiction: Botetourt County

Improvement Type: New Lot

Recommendation ID: SAL-11

Technical Score (Ranking): 5.263 (4<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

Construct a new 30 space P&R lot along US 220 (Roanoke Road) near I-81.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 78,599

LOS (Route Served): E

Workers within 3 mile radius: 3,530

% Workers traveling outside 3 mile radius: 92%

% Workers traveling outside 25 mile radius: 25%

% Workers traveling outside 50 mile radius: 16%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 30

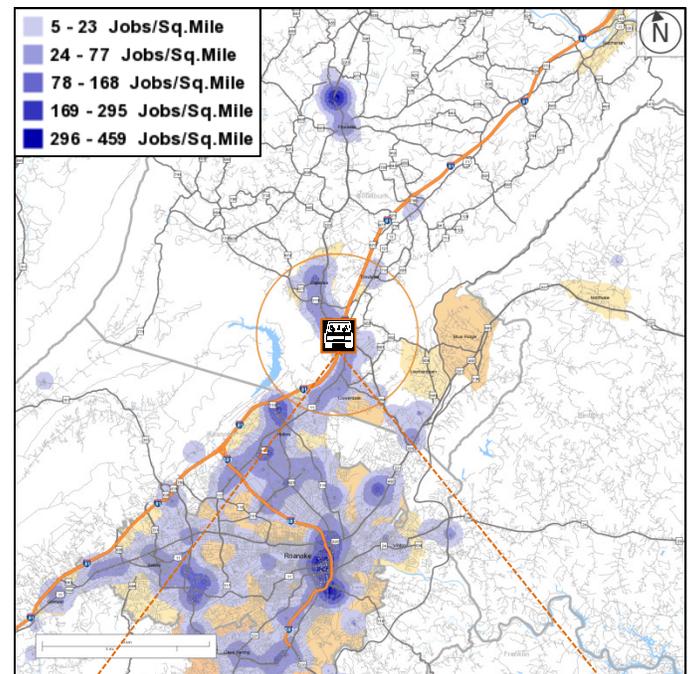
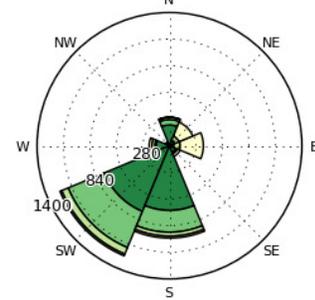
Inside Priority Investment Area: No

Annual VMT Reduction\*: 207,440 miles

Total Annual Cost Savings\*: \$ 114,092

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 300,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## Route 122 near US 460 Bypass

Major Corridors Served: US 221/US 460

Jurisdiction: Bedford County

Improvement Type: New Lot

Recommendation ID: SAL-13

Technical Score (Ranking): 4.598 (5<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

Construct a new 50 space P&R lot along Route 122 (Burkes Hill Road) near US 460 Bypass.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 18,934

LOS (Route Served): E

Workers within 3 mile radius: 4,322

% Workers traveling outside 3 mile radius: 65%

% Workers traveling outside 25 mile radius: 50%

% Workers traveling outside 50 mile radius: 35%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50

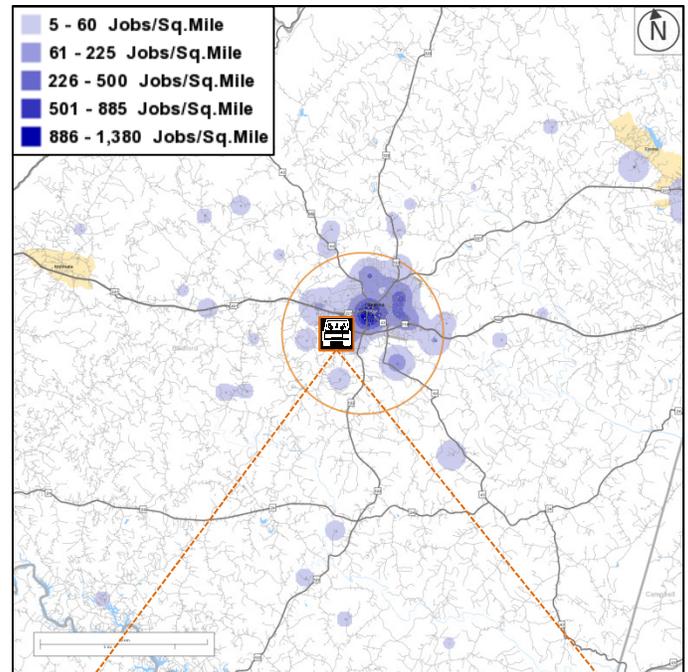
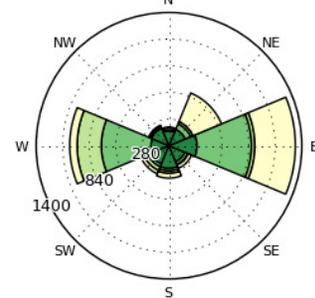
Inside Priority Investment Area: Intersect

Annual VMT Reduction\*: 455,670 miles

Total Annual Cost Savings\*: \$ 250,619

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## Route 8 at I-81; Exit 114

Major Corridors Served: I-81/Route 8

Jurisdiction: Montgomery County

Improvement Type: New Lot

Recommendation ID: SAL-7

Technical Score (Ranking): 3.709 (6<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

Construct a new 50 space P&R lot as part of Interstate Modification Project at I-81 Exit 114.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 48,325

LOS (Route Served): E

Workers within 3 mile radius: 8,381

% Workers traveling outside 3 mile radius: 80%

% Workers traveling outside 25 mile radius: 23%

% Workers traveling outside 50 mile radius: 5%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50

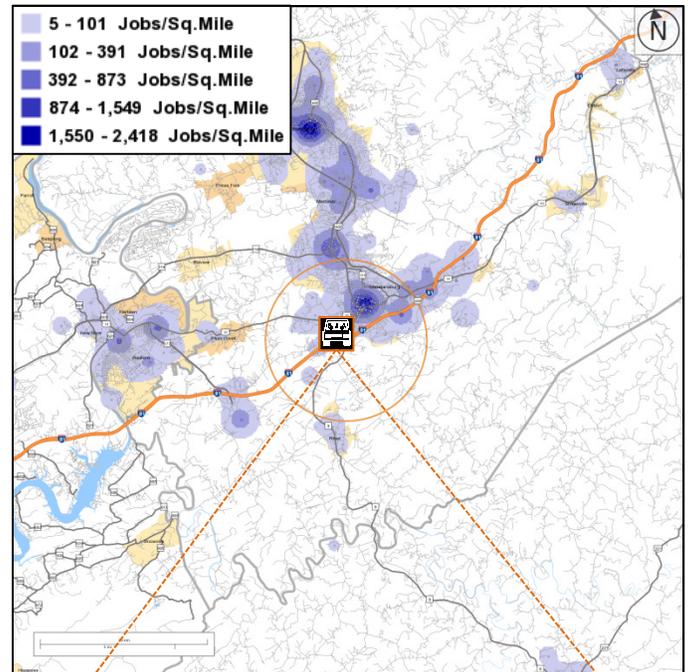
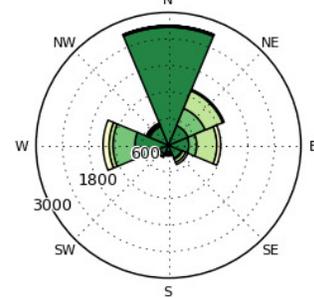
Inside Priority Investment Area: No

Annual VMT Reduction\*: 259,727 miles

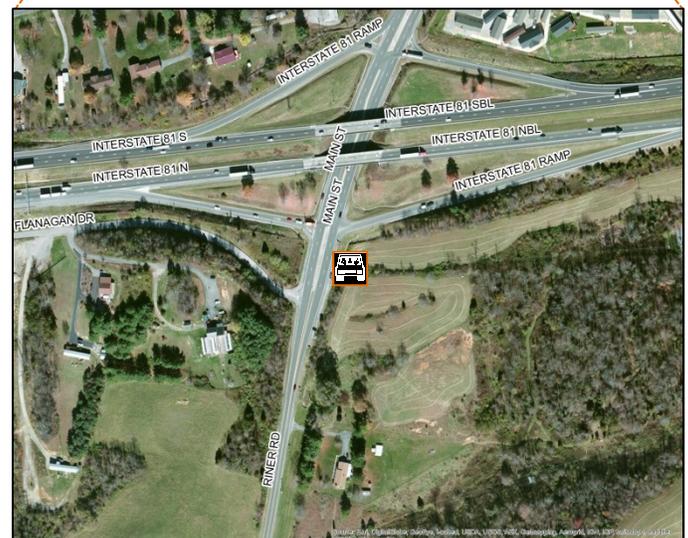
Total Annual Cost Savings\*: \$ 142,850

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## Route 8 at I-81; Exit 114

Major Corridors Served: I-81/Route 8  
 Jurisdiction: Montgomery County  
 Improvement Type: New Lot  
 Recommendation ID: SAL-5  
 Technical Score (Ranking): 2.754 (7<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	✓	-	✓

### PROJECT DESCRIPTION

Construct a new 50 space P&R lot along Route 8 (Riner Road) at I-81 Exit 114.

### COMMUTER/ROADWAY DEMAND

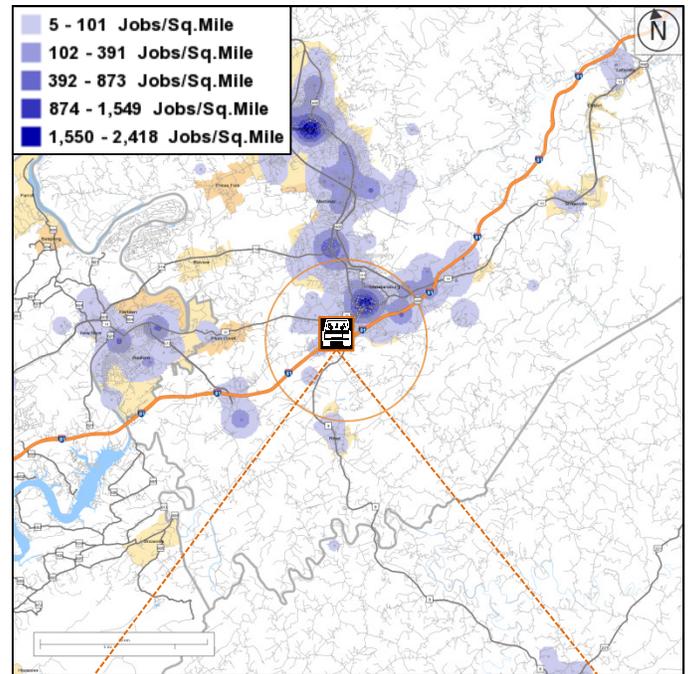
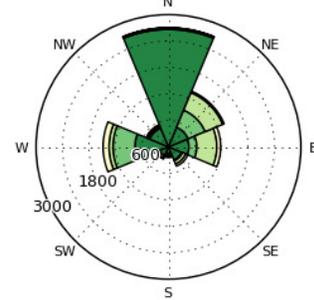
ADT (Route Served): 46,325  
 LOS (Route Served): D  
 Workers within 3 mile radius: 8,361  
 % Workers traveling outside 3 mile radius: 81%  
 % Workers traveling outside 25 mile radius: 23%  
 % Workers traveling outside 50 mile radius: 5%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50  
 Inside Priority Investment Area: No  
 Annual VMT Reduction\*: 259,727 miles  
 Total Annual Cost Savings\*: \$ 142,850

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## US 460 Business near US 460; Exit 1

Major Corridors Served: I-81/US 11/US 460

Jurisdiction: Montgomery County

Improvement Type: New Lot

Recommendation ID: SAL-6

Technical Score (Ranking): 2.354 (8<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

Construct a new 50 space P&R lot along US 460 Business near US 460 Exit 1.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 48,325

LOS (Route Served): C

Workers within 3 mile radius: 7,317

% Workers traveling outside 3 mile radius: 77%

% Workers traveling outside 25 mile radius: 21%

% Workers traveling outside 50 mile radius: 5%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 50

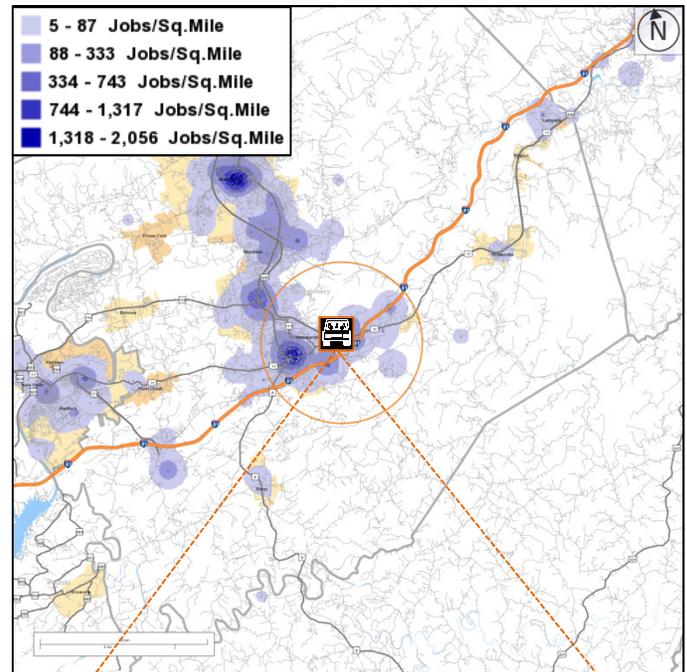
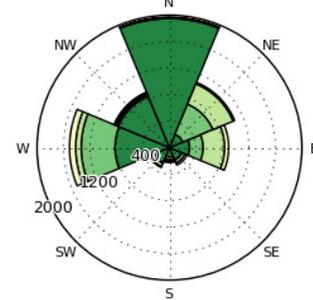
Inside Priority Investment Area: No

Annual VMT Reduction\*: 248,539 miles

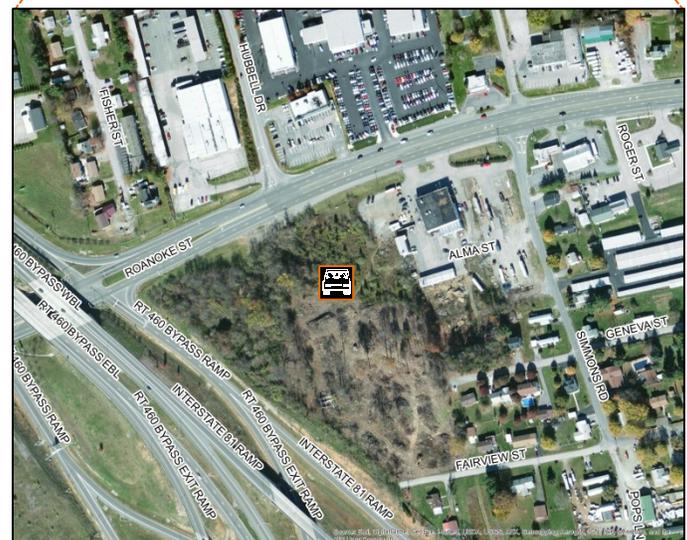
Total Annual Cost Savings\*: \$ 136,697

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 500,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## Route 40 at US 220

Major Corridors Served: US 220  
 Jurisdiction: Franklin County  
 Improvement Type: Expansion  
 Recommendation ID: SAL-9  
 Technical Score (Ranking): 2.044 (9<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	-	-	-

### PROJECT DESCRIPTION

P&R lot expansion by adding 30 spaces to the existing P&R lot along Route 40 (Old Franklin Turnpike) near US 220 (Virgil H Goode Highway).

### COMMUTER/ROADWAY DEMAND

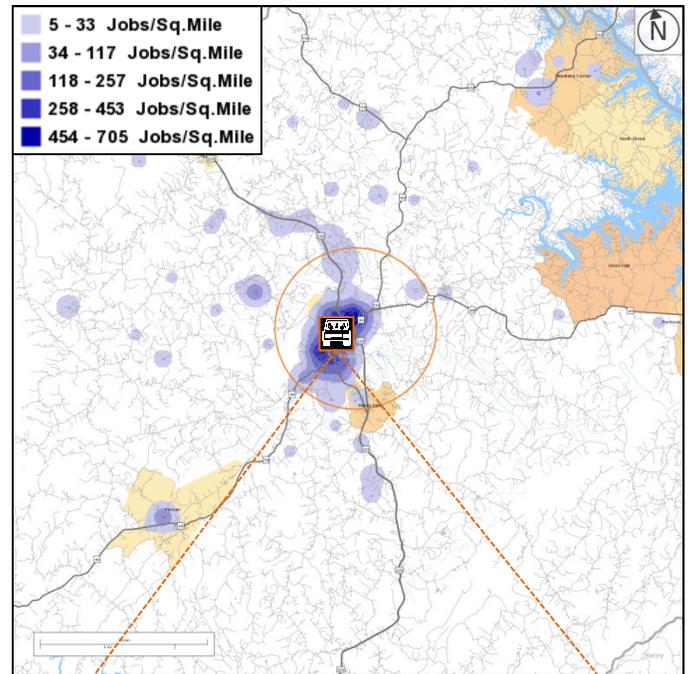
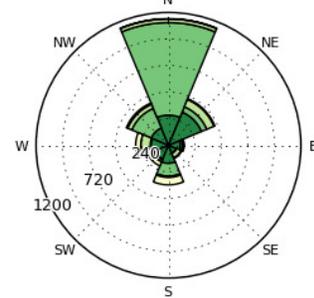
ADT (Route Served): 5,814  
 LOS (Route Served): E  
 Workers within 3 mile radius: 3,142  
 % Workers traveling outside 3 mile radius: 63%  
 % Workers traveling outside 25 mile radius: 25%  
 % Workers traveling outside 50 mile radius: 9%

### TRANSPORTATION NETWORK BENEFIT

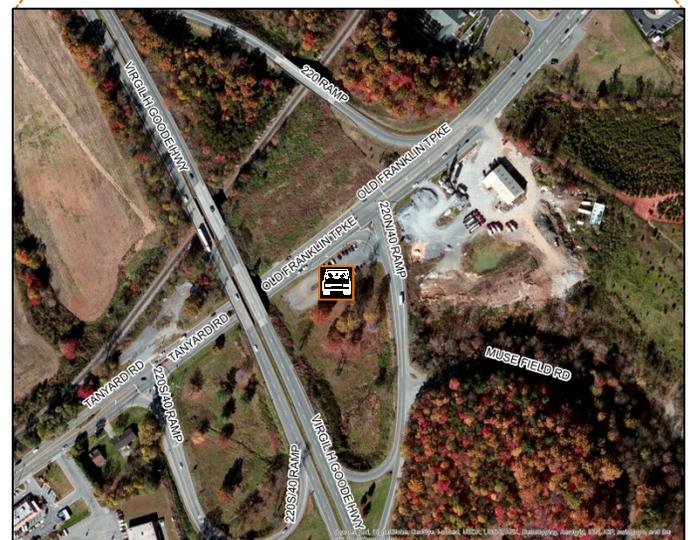
Number of Spaces\*: 30  
 Inside Priority Investment Area: No  
 Annual VMT Reduction\*: 184,880 miles  
 Total Annual Cost Savings\*: \$ 101,684

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 300,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>





# Salem District Park & Ride Investment Strategy



## US 460 near I-81; Exit 118

Major Corridors Served: I-81/US 11/ US 460

Jurisdiction: Montgomery County

Improvement Type: Expansion

Recommendation ID: SAL-4

Technical Score (Ranking): 2.021 (10<sup>th</sup>)

Land Available	District Support	Local Support	MPO Support	PDC Support
-	-	✓	-	✓

### PROJECT DESCRIPTION

P&R lot expansion by adding 30 spaces to the existing P&R lot along US 460 (Parkway Drive) near I-81 Exit 118.

### COMMUTER/ROADWAY DEMAND

ADT (Route Served): 46,352

LOS (Route Served): C

Workers within 3 mile radius: 6,550

% Workers traveling outside 3 mile radius: 78%

% Workers traveling outside 25 mile radius: 21%

% Workers traveling outside 50 mile radius: 5%

### TRANSPORTATION NETWORK BENEFIT

Number of Spaces\*: 30

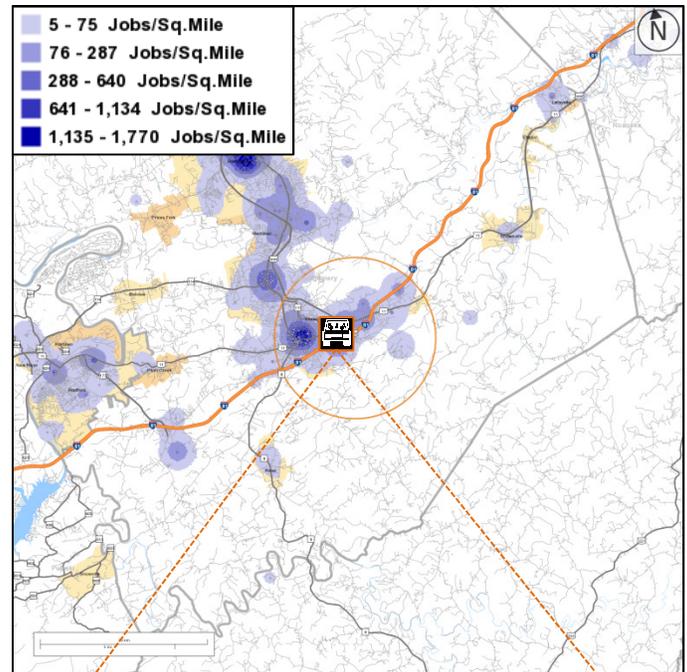
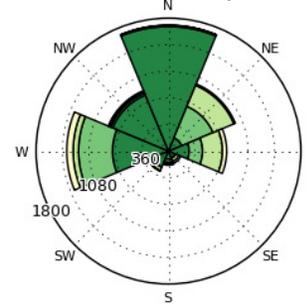
Inside Priority Investment Area: No

Annual VMT Reduction\*: 149,964 miles

Total Annual Cost Savings\*: \$ 82,480

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 300,000

Commute Compass \*



\*Job Counts by Distance/Direction conducted in 2011, <http://onthemap.ces.census.gov/>

