



Bristol District Park & Ride Investment Strategy



US 19 at Russell Road

Major Corridors Served: US 19
 Jurisdiction: Washington County
 Improvement Type: Expansion
 Recommendation ID: BRI-3
 Technical Score (Ranking): 8.825 (1st)

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

PROJECT DESCRIPTION

P&R lot expansion to increase capacity and upgrade lighting at the existing P&R lot along US 19 near the intersection of US 19 and Russell Road.

COMMUTER/ROADWAY DEMAND

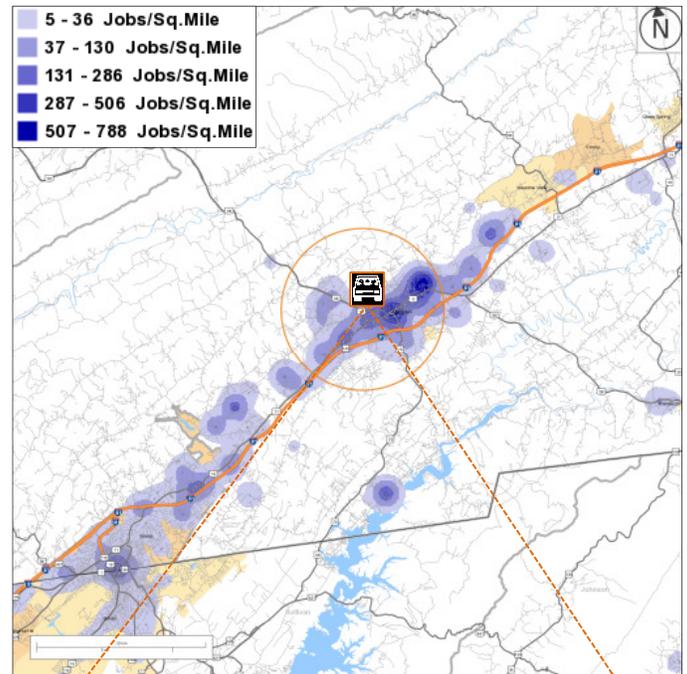
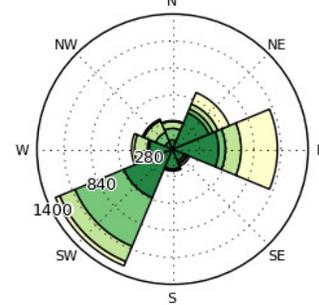
ADT (Route Served): 41,022
 LOS (Route Served): D
 Workers within 3 mile radius: 4,536
 % Workers traveling outside 3 mile radius: 69%
 % Workers traveling outside 25 mile radius: 45%
 % Workers traveling outside 50 mile radius: 21 %

TRANSPORTATION NETWORK BENEFIT

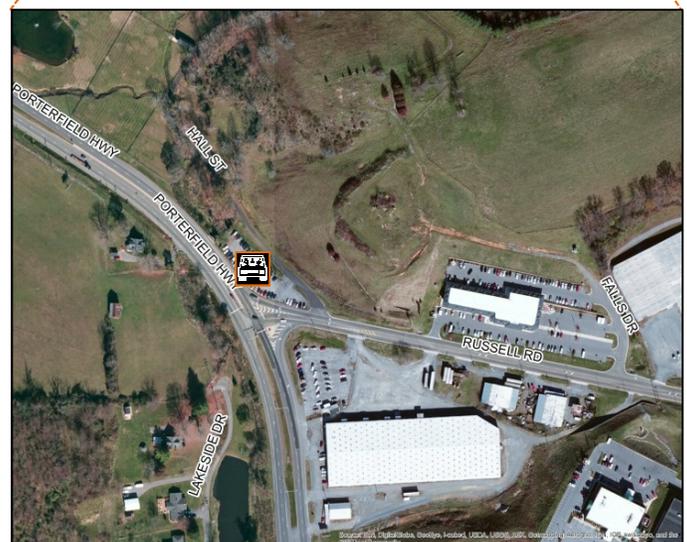
Number of Spaces*: 20
 Inside Priority Investment Area: Corridor
 Annual VMT Reduction*: 155,713 miles
 Total Annual Cost Savings*: \$ 85,642

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 200,000

Commute Compass *



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





Bristol District Park & Ride Investment Strategy



US 11 at I-81; Exit 39

Major Corridors Served: I-81/US 11
 Jurisdiction: Smyth County
 Improvement Type: New Lot
 Recommendation ID: BRI-9
 Technical Score (Ranking): 7.050 (2nd)

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

PROJECT DESCRIPTION

Construct a new 20 space P&R lot along US 11 at I-81 Exit 39.

COMMUTER/ROADWAY DEMAND

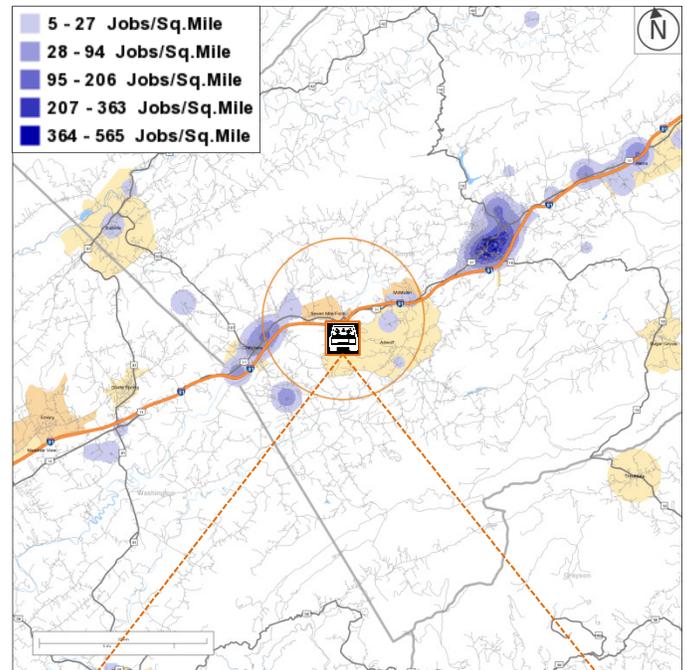
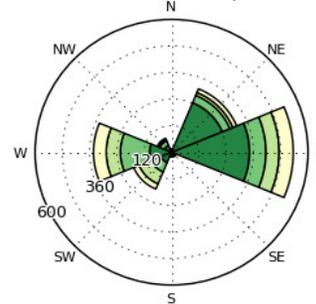
ADT (Route Served): 29,204
 LOS (Route Served): C
 Workers within 3 mile radius: 1,485
 % Workers traveling outside 3 mile radius: 94%
 % Workers traveling outside 25 mile radius: 27%
 % Workers traveling outside 50 mile radius: 12%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 20
 Inside Priority Investment Area: Corridor
 Annual VMT Reduction*: 140,152 miles
 Total Annual Cost Savings*: \$ 77,083

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 200,000

Commute Compass *



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





Bristol District Park & Ride Investment Strategy



Route 71 between Route 619 and Route 905

Major Corridors Served: US 23/US 58/Route 71

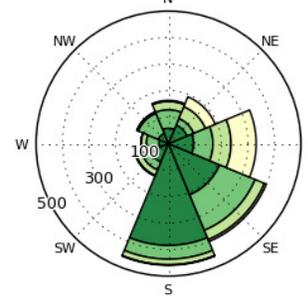
Jurisdiction: Scott County

Improvement Type: New Lot

Recommendation ID: BRI-1

Technical Score (Ranking): 5.975 (3rd)

Commute Compass *



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

PROJECT DESCRIPTION

Construct a new 50 space P&R lot along Route 71 (East Jackson St) near Route 619 (Reed Hollow Road) and Route 905 (Gatewood Court).

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 21,598

LOS (Route Served): E

Workers within 3 mile radius: 1,912

% Workers traveling outside 3 mile radius: 77%

% Workers traveling outside 25 mile radius: 28%

% Workers traveling outside 50 mile radius: 11%

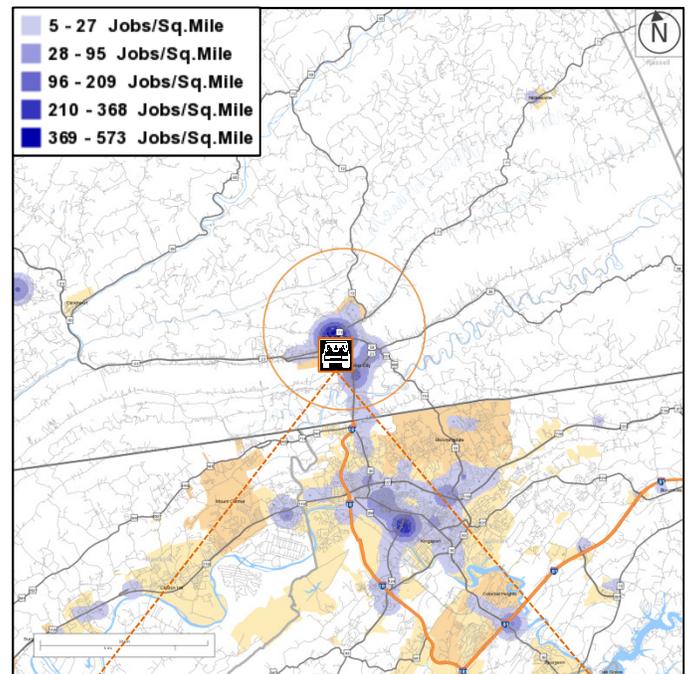
TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 50

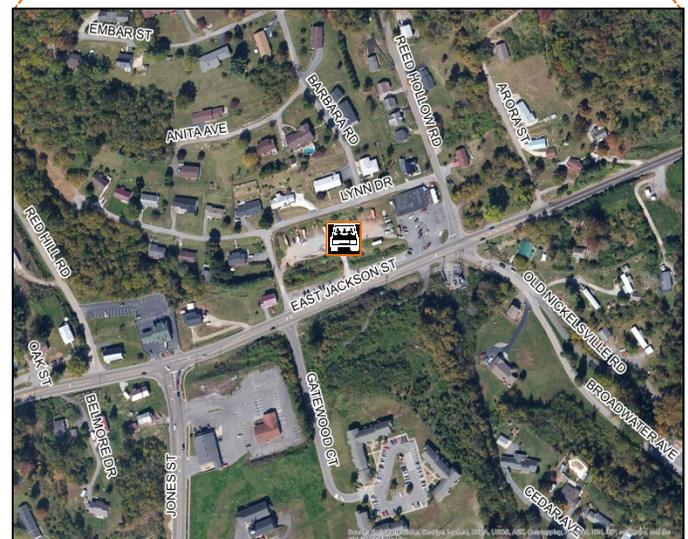
Inside Priority Investment Area: Corridor

Annual VMT Reduction*: 321,898 miles

Total Annual Cost Savings*: \$ 177,044



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



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



Bristol District Park & Ride Investment Strategy



US 23 at Route 879

Major Corridors Served: US 23/US 58

Jurisdiction: Scott County

Improvement Type: Expansion

Recommendation ID: BRI-4

Technical Score (Ranking): 5.850 (4th)

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

PROJECT DESCRIPTION

P&R Lot Expansion to increase capacity at the existing P&R lot near the intersection of Route 58 and Route 23.

COMMUTER/ROADWAY DEMAND

ADT (Route Served): 13,483

LOS (Route Served): E

Workers within 3 mile radius: 730

% Workers traveling outside 3 mile radius: 87%

% Workers traveling outside 25 mile radius: 43%

% Workers traveling outside 50 mile radius: 21%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 20

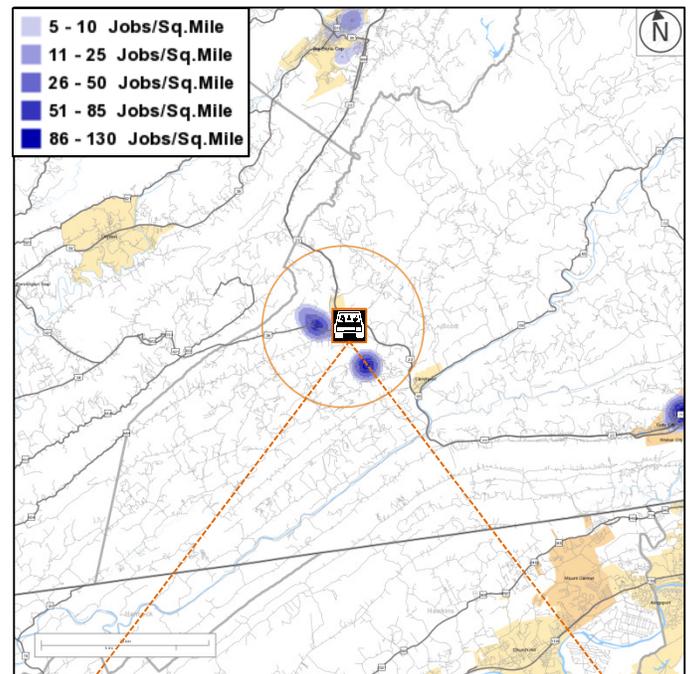
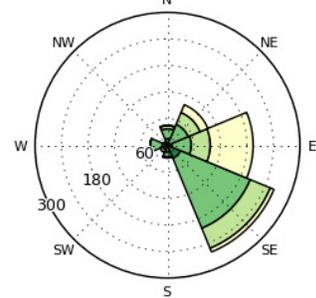
Inside Priority Investment Area: Corridor

Annual VMT Reduction*: 204,503 miles

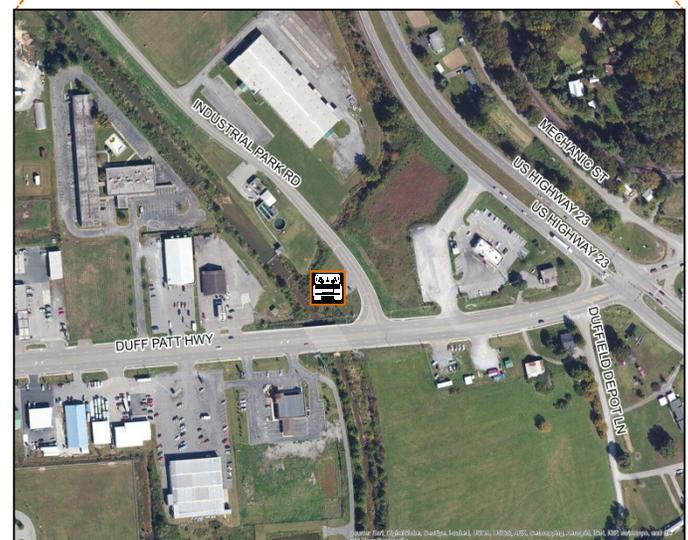
Total Annual Cost Savings*: \$ 112,477

Phase	Duration (Months)	Cost Estimate
Design	-	\$ -
Right-of-Way	-	\$ -
Construction	-	\$ -
<i>Total</i>	-	\$ 200,000

Commute Compass *



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





Bristol District Park & Ride Investment Strategy



US 11 at I-81; Exit 44

Major Corridors Served: I-81/US 11
 Jurisdiction: Smyth County
 Improvement Type: New Lot
 Recommendation ID: BRI-8
 Technical Score (Ranking): 4.400 (5th)

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

PROJECT DESCRIPTION

Construct a new 30 space P&R lot along US 11 (Lee Highway) at I-81 Exit 44.

COMMUTER/ROADWAY DEMAND

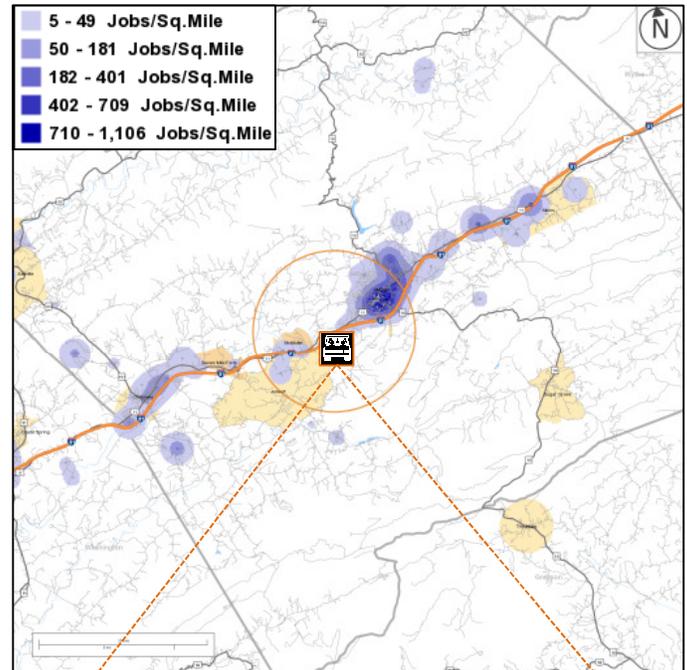
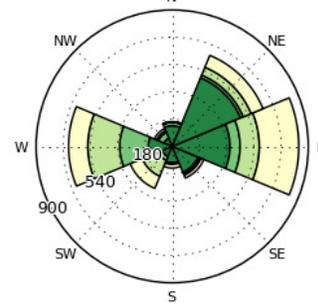
ADT (Route Served): 28,133
 LOS (Route Served): B
 Workers within 3 mile radius: 3,148
 % Workers traveling outside 3 mile radius: 71%
 % Workers traveling outside 25 mile radius: 53%
 % Workers traveling outside 50 mile radius: 28%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 30
 Inside Priority Investment Area: No
 Annual VMT Reduction*: 258,834 miles
 Total Annual Cost Savings*: \$ 142,359

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/>





Bristol District Park & Ride Investment Strategy



Route 16 at I-81; Exit 45

Major Corridors Served: I-81
 Jurisdiction: Smyth County
 Improvement Type: New Lot
 Recommendation ID: BRI-7
 Technical Score (Ranking): 4.025 (6th)

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

PROJECT DESCRIPTION

Construct a new 30 space P&R lot along Route 16 (South Commerce Road) at I-81 Exit 45.

COMMUTER/ROADWAY DEMAND

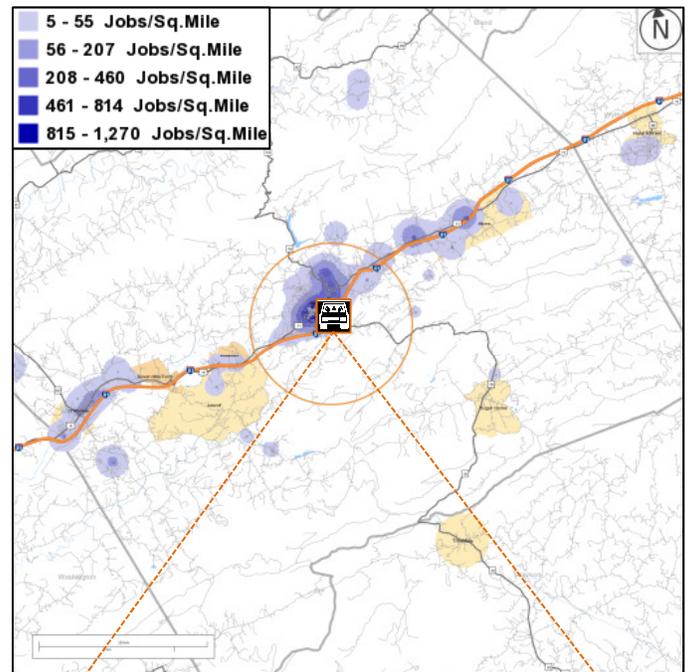
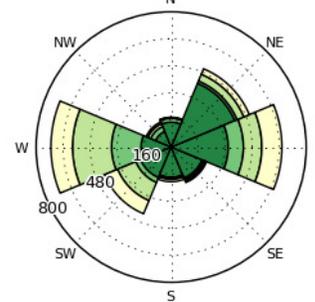
ADT (Route Served): 28,133
 LOS (Route Served): B
 Workers within 3 mile radius: 3,044
 % Workers traveling outside 3 mile radius: 57%
 % Workers traveling outside 25 mile radius: 54%
 % Workers traveling outside 50 mile radius: 23%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 30
 Inside Priority Investment Area: No
 Annual VMT Reduction*: 219,253 miles
 Total Annual Cost Savings*: \$ 120,589

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/>





Bristol District Park & Ride Investment Strategy



US 23 at US 614

Major Corridors Served: US 23
 Jurisdiction: Scott County
 Improvement Type: New Lot
 Recommendation ID: BRI-2
 Technical Score (Ranking): 2.425 (7th)

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

PROJECT DESCRIPTION

Construct a new 30 space P&R lot along US 23 (Main Street) at Route 614 (Yuma Road).

COMMUTER/ROADWAY DEMAND

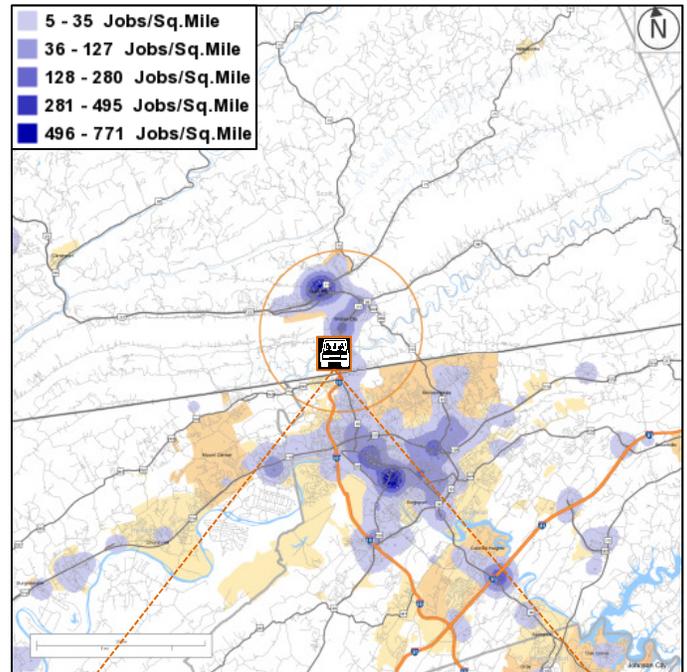
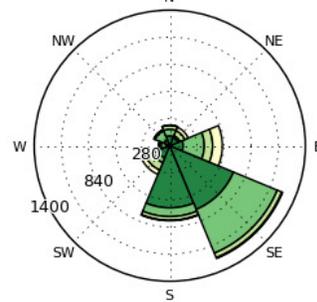
ADT (Route Served): 21,598
 LOS (Route Served): C
 Workers within 3 mile radius: 3,587
 % Workers traveling outside 3 mile radius: 86%
 % Workers traveling outside 25 mile radius: 19%
 % Workers traveling outside 50 mile radius: 7%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 30
 Inside Priority Investment Area: No
 Annual VMT Reduction*: 172,866 miles
 Total Annual Cost Savings*: \$ 95,077

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/>





Bristol District Park & Ride Investment Strategy



US 11 near I-81; Exit 54

Major Corridors Served: I-81/US 11
 Jurisdiction: Smyth County
 Improvement Type: New Lot
 Recommendation ID: BRI-5
 Technical Score (Ranking): 2.050 (8th)

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

PROJECT DESCRIPTION

Construct a new 30 space P&R lot along US 11 (Lee Highway) near I-81 Exit 5.

COMMUTER/ROADWAY DEMAND

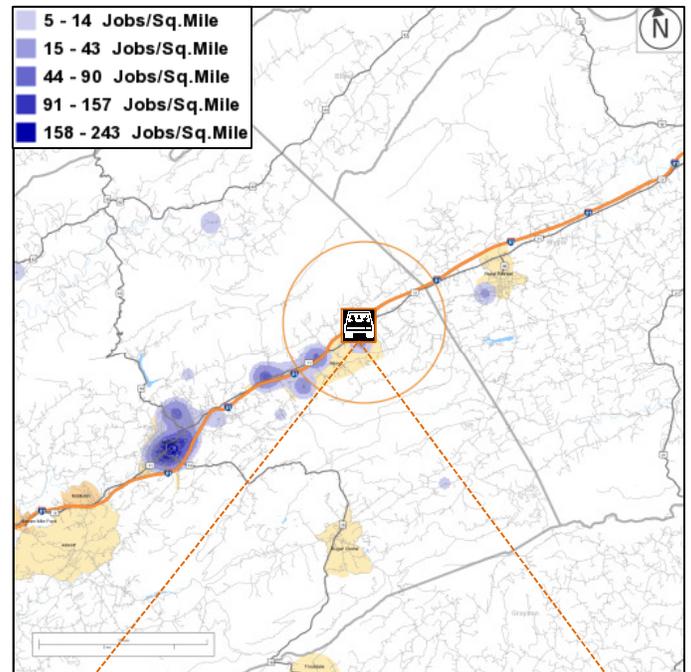
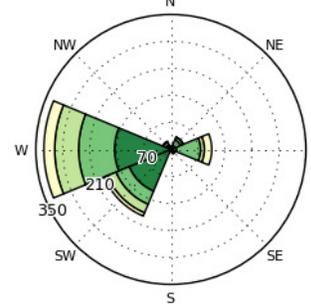
ADT (Route Served): 25,423
 LOS (Route Served): C
 Workers within 3 mile radius: 709
 % Workers traveling outside 3 mile radius: 95%
 % Workers traveling outside 25 mile radius: 28%
 % Workers traveling outside 50 mile radius: 10%

TRANSPORTATION NETWORK BENEFIT

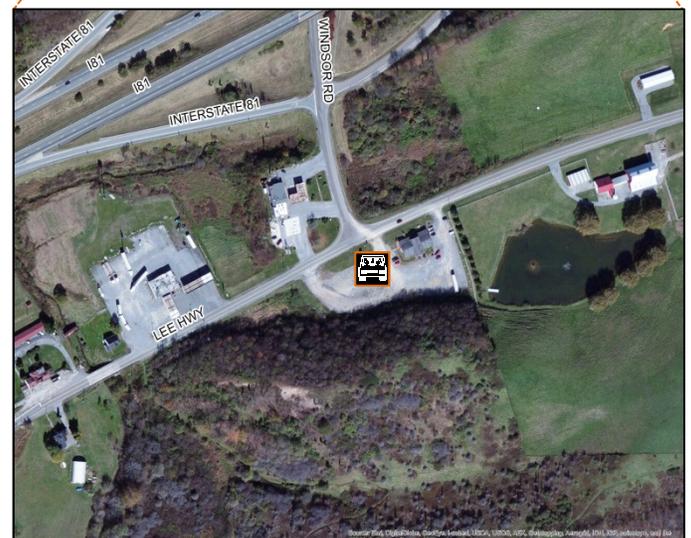
Number of Spaces*: 30
 Inside Priority Investment Area: No
 Annual VMT Reduction*: 219,248
 Total Annual Cost Savings*: \$ 120,586

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/>





Bristol District Park & Ride Investment Strategy



Route 622 at I-81; Exit 50

Major Corridors Served: I-81/US 11
 Jurisdiction: Smyth County
 Improvement Type: New Lot
 Recommendation ID: BRI-6
 Technical Score (Ranking): 1.550 (9th)

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

PROJECT DESCRIPTION

Construct a new 30 space P&R lot along Route 622 (Nicks Creek Road) at I-81 Exit 50.

COMMUTER/ROADWAY DEMAND

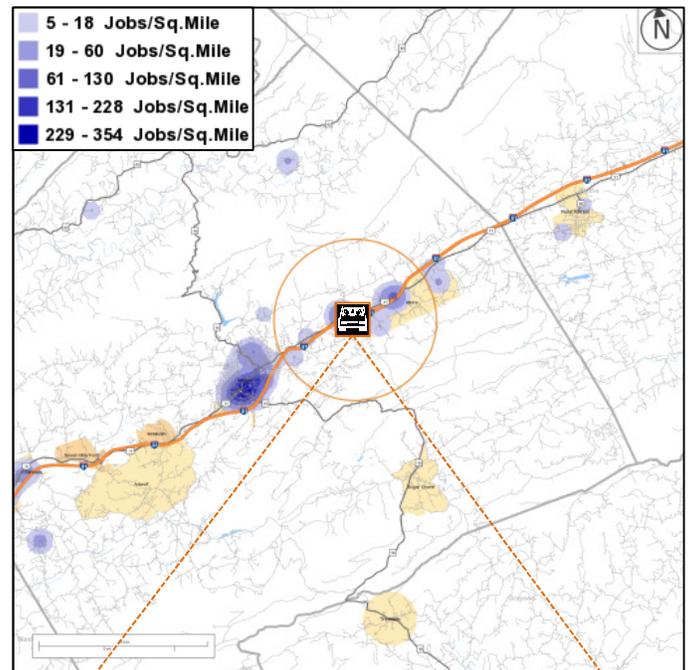
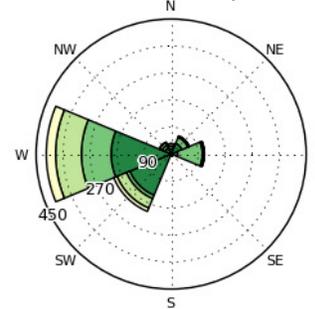
ADT (Route Served): 25,423
 LOS (Route Served): C
 Workers within 3 mile radius: 902
 % Workers traveling outside 3 mile radius: 89%
 % Workers traveling outside 25 mile radius: 25%
 % Workers traveling outside 50 mile radius: 6%

TRANSPORTATION NETWORK BENEFIT

Number of Spaces*: 30
 Inside Priority Investment Area: No
 Annual VMT Reduction*: 189,142
 Total Annual Cost Savings*: \$ 104,028

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/>

