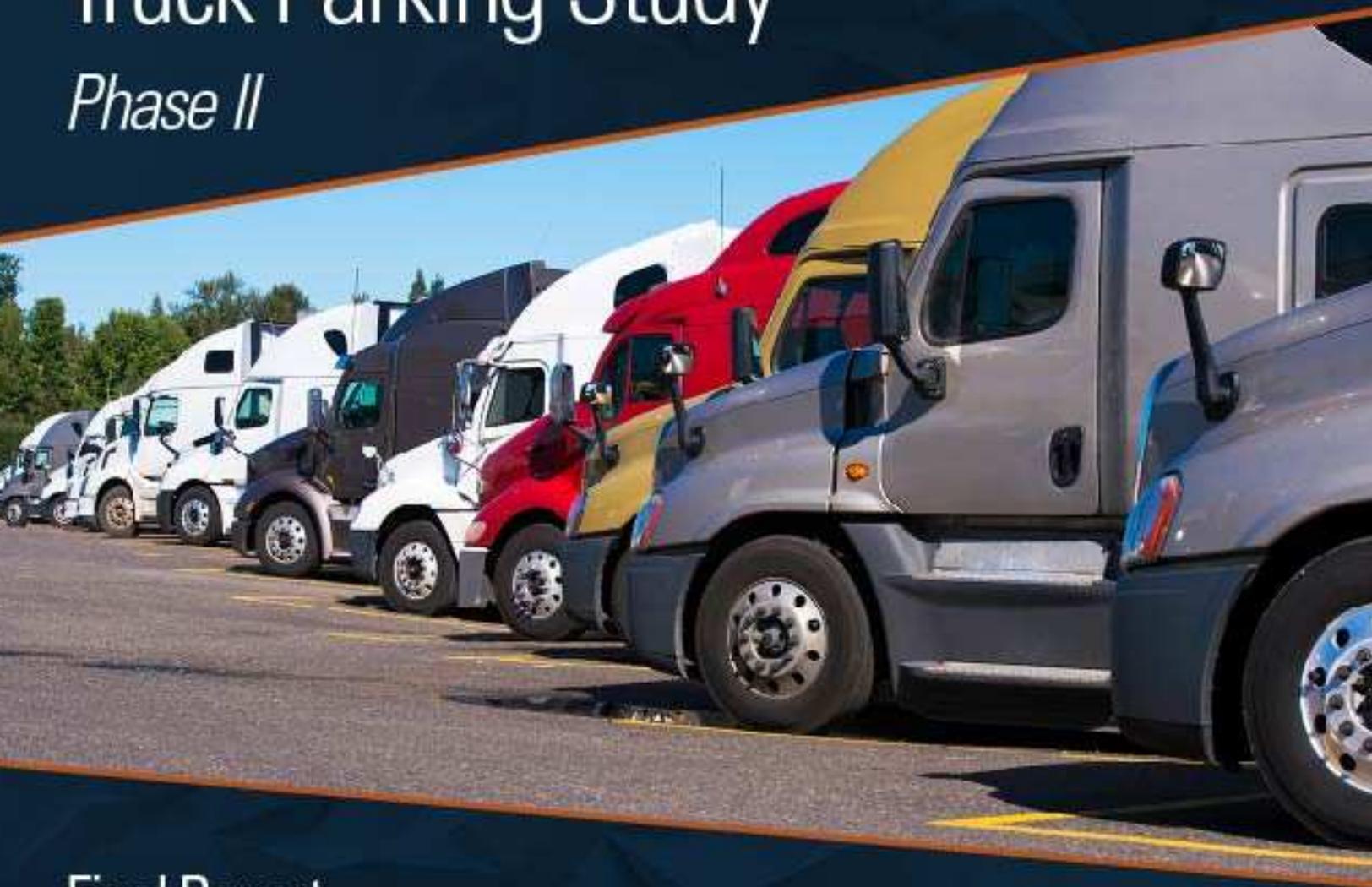


North Carolina Truck Parking Study

Phase II



Final Report

Volume 2. Appendices

prepared for
North Carolina Department of Transportation

prepared by
Cambridge Systematics, Inc.

with
American Transportation Research Institute
HNTB, Inc.

February 28, 2020

North Carolina Truck Parking Study— Phase II

Final Report

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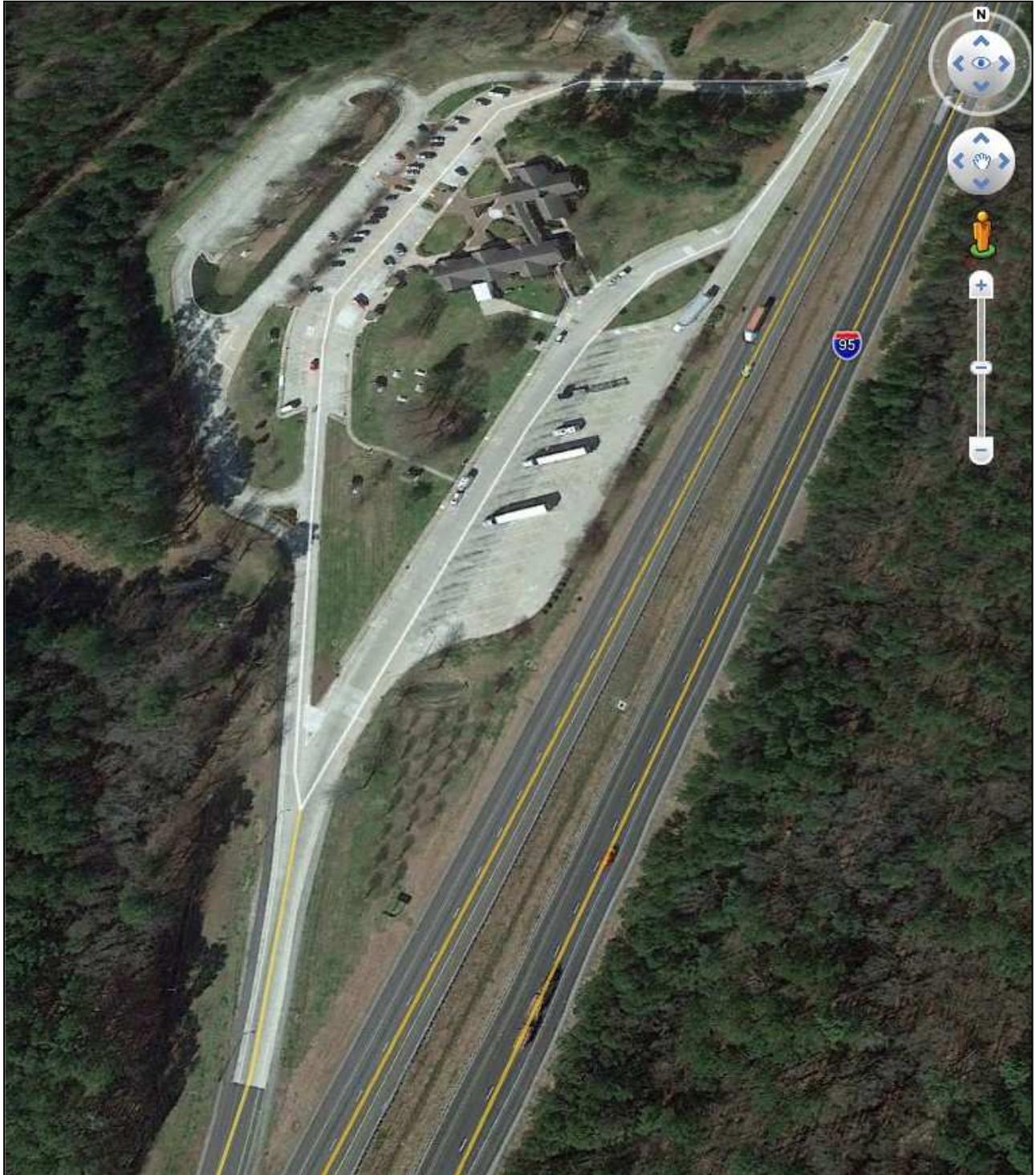
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Appendix A. I-95 TPAS Location Aerial Images

Figure A.1 Northampton County Welcome Center
Southbound



Source: Google Earth.

Figure A.2 Nash County Rest Area
Northbound



Source: Google Earth.

Figure A.3 Nash County Rest Area
Southbound



Source: Google Earth.

Figure A.4 Johnston County Rest Area
Northbound



Source: Google Earth.

Figure A.5 Johnston County Rest Area
Southbound



Source: Google Earth.

Figure A.6 Cumberland County Rest Area
Northbound



Source: Google Earth.

Figure A.7 Cumberland County Rest Area
Southbound



Source: Google Earth.

Figure A.8 Roberson County Welcome Center
Northbound

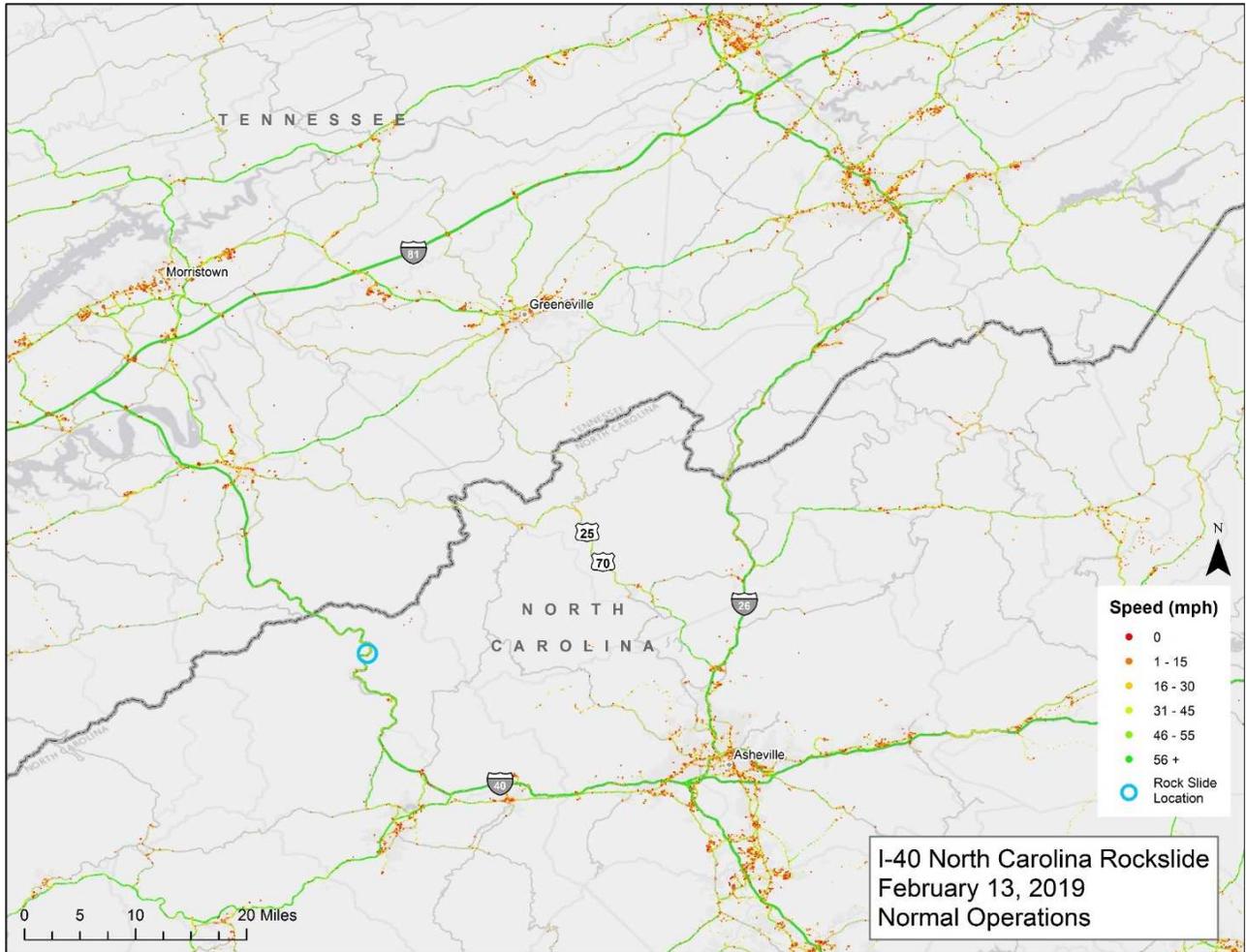


Source: Google Earth.

Appendix B. ATRI Speed and Truck Parking Cluster Images

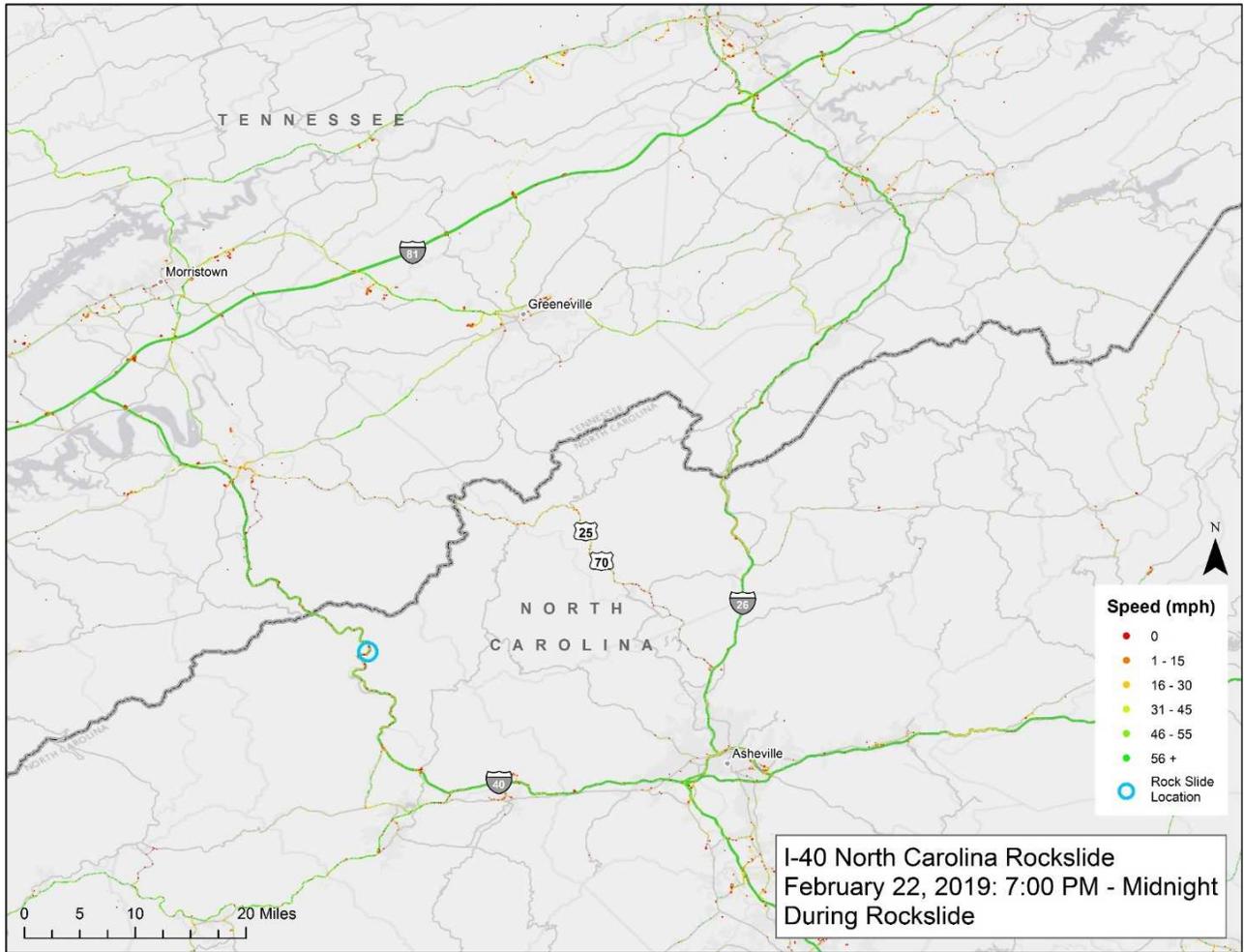
B.1 Speed Maps

Figure B.1 Truck Speeds
February 13, 2019



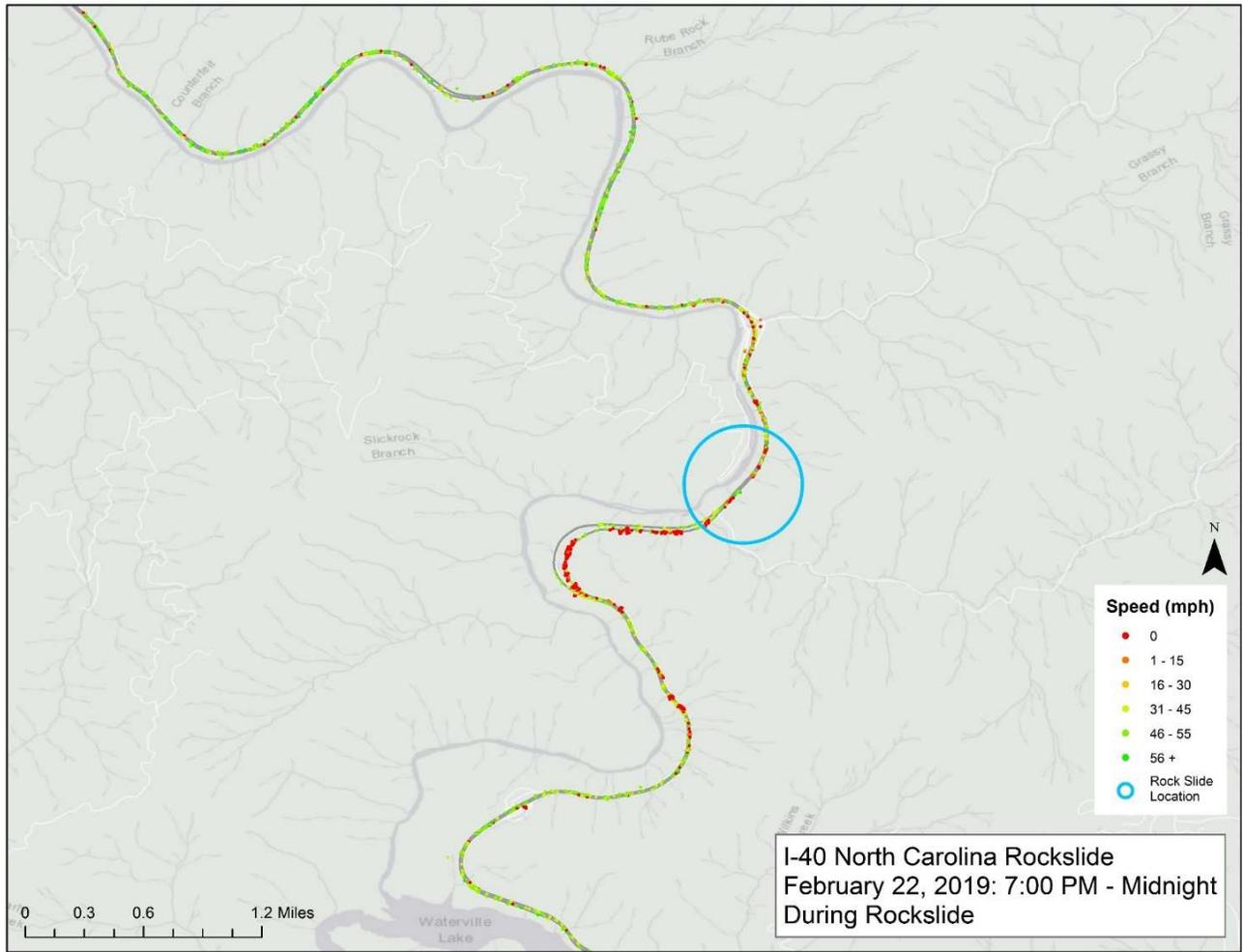
Source: ATRI.

Figure B.2 Truck Speeds
February 22, 2019—7:00 p.m. to Midnight



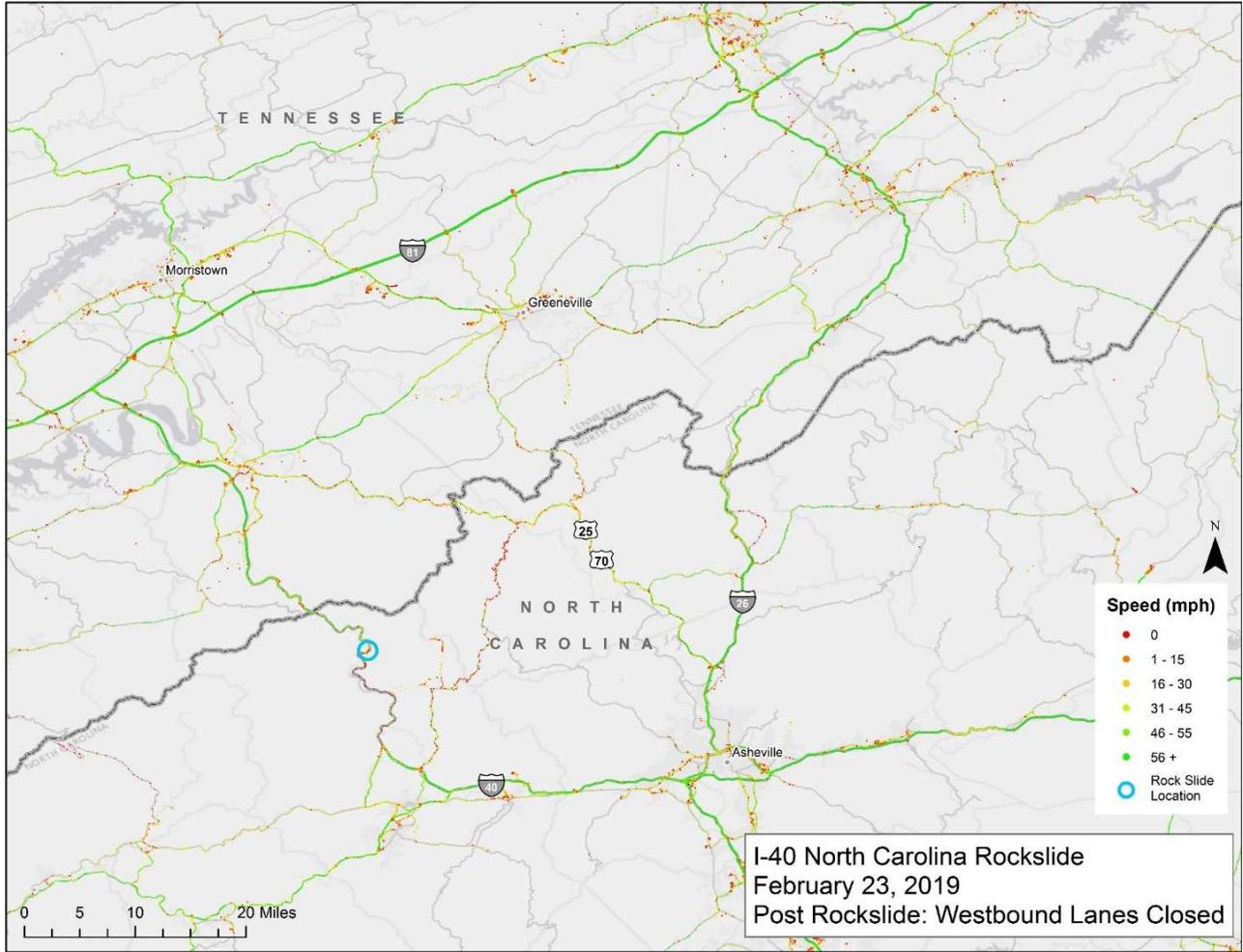
Source: ATRI.

Figure B.3 Truck Speeds Rockslide Area Detail
February 22, 2019—7:00 p.m. to Midnight



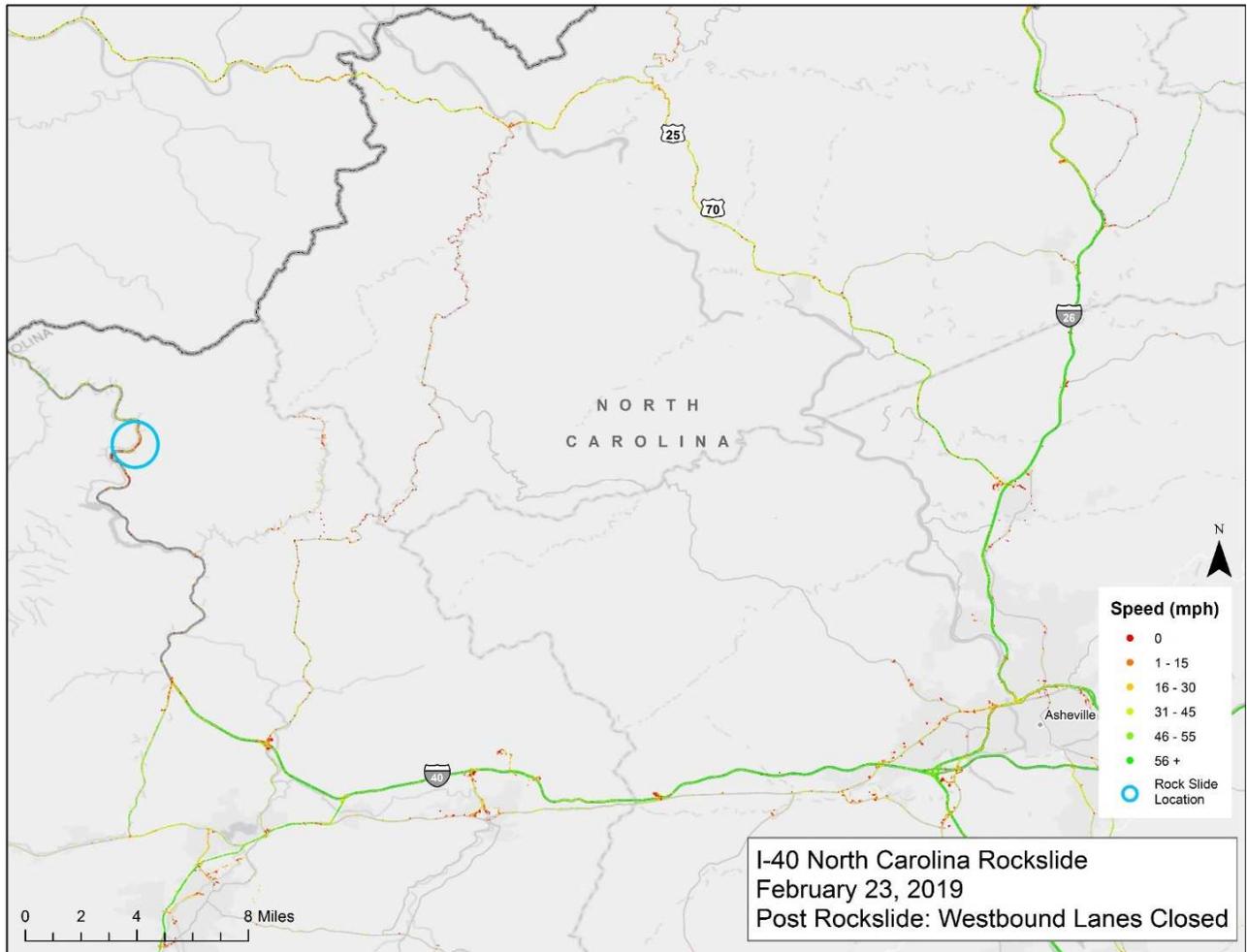
Source: ATRI.

Figure B.4 Truck Speeds
February 23, 2019



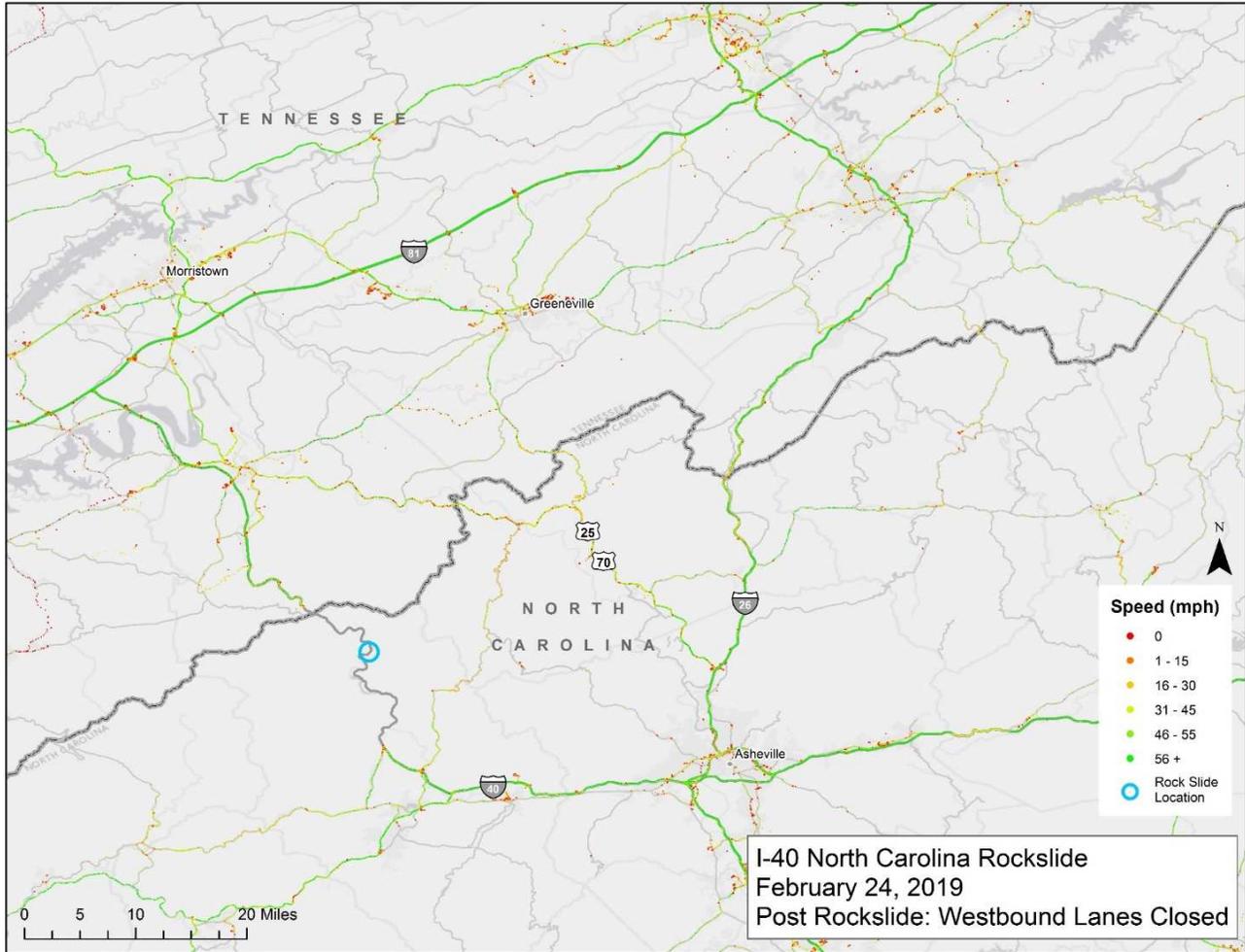
Source: ATRI.

Figure B.5 Truck Speeds, North Carolina Detail
February 23, 2019



Source: ATRI.

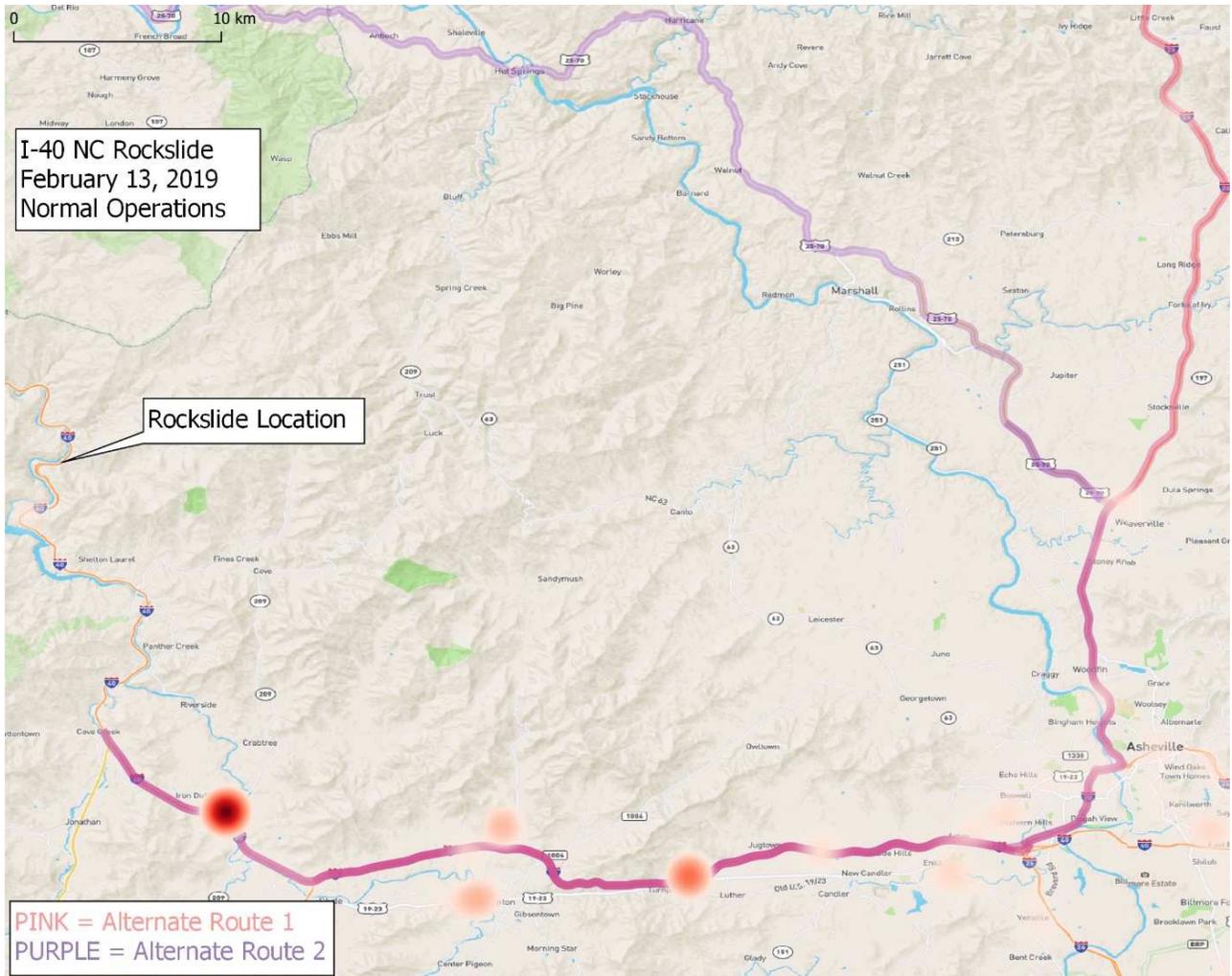
Figure B.6 Truck Speeds
February 24, 2019



Source: ATRI.

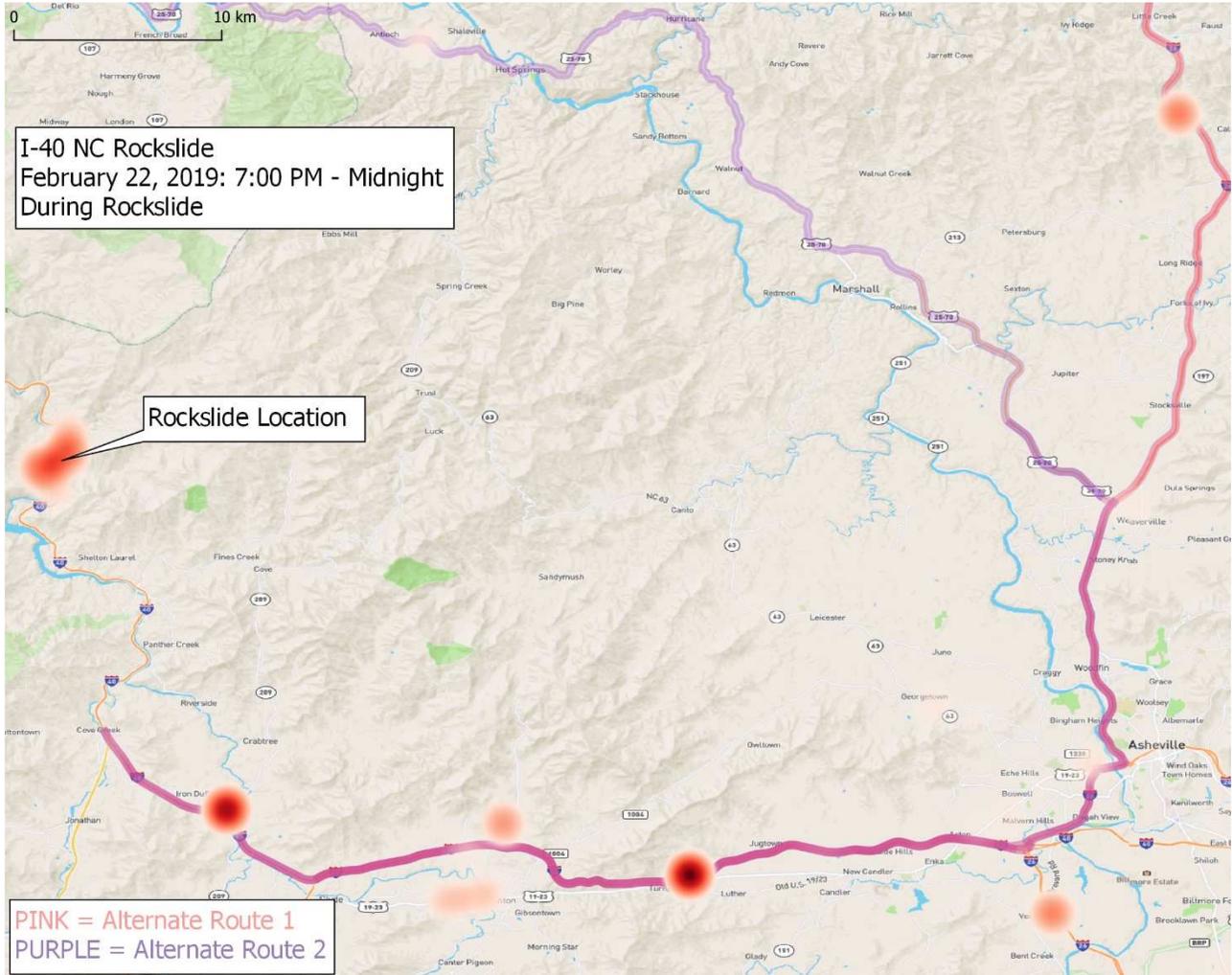
B.2 Truck Stop Cluster Maps

Figure B.7 Stopped Truck Clusters, North Carolina Detail
February 13, 2019



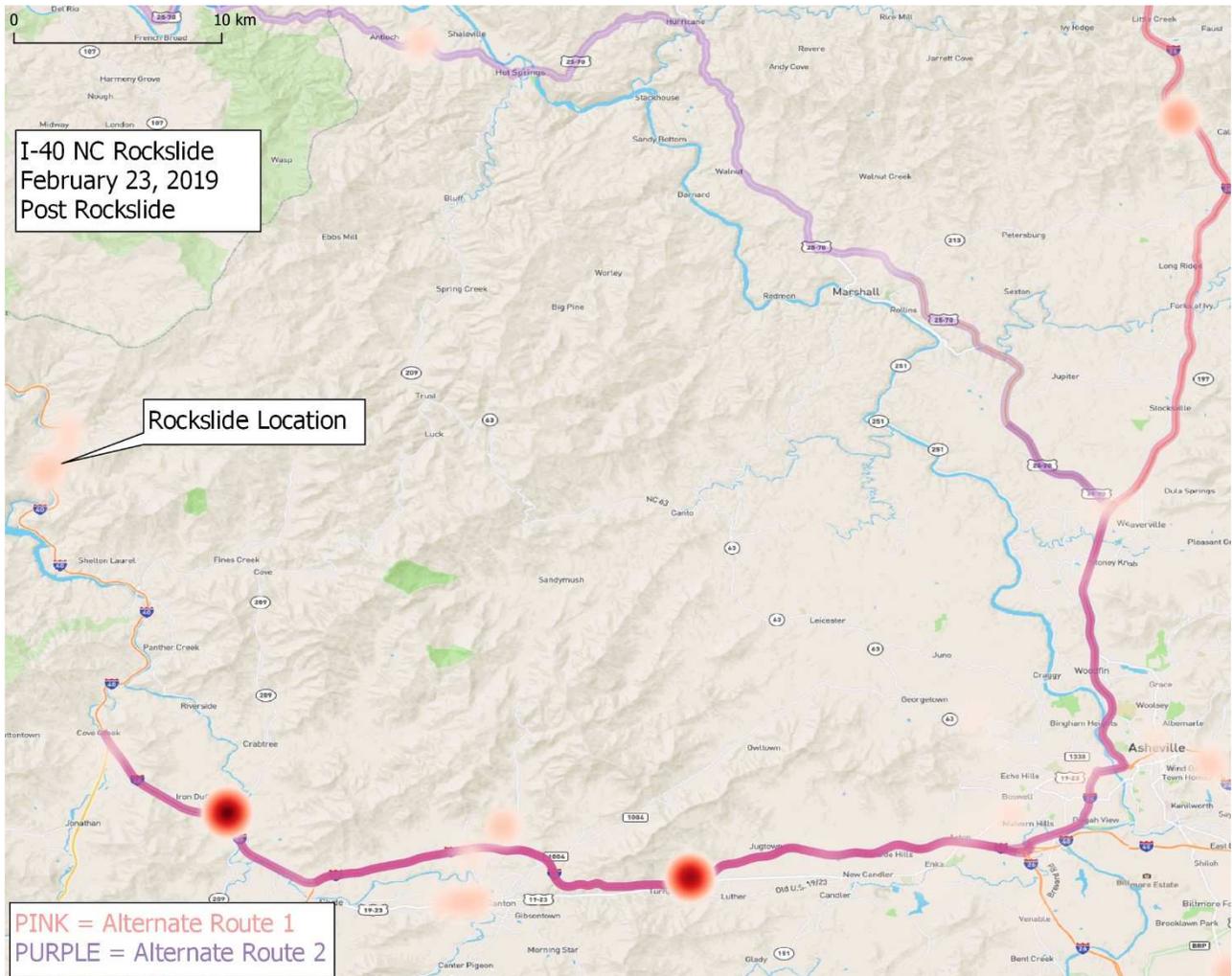
Source: ATRI.

Figure B.8 Stopped Truck Clusters, North Carolina Detail
February 22, 2019



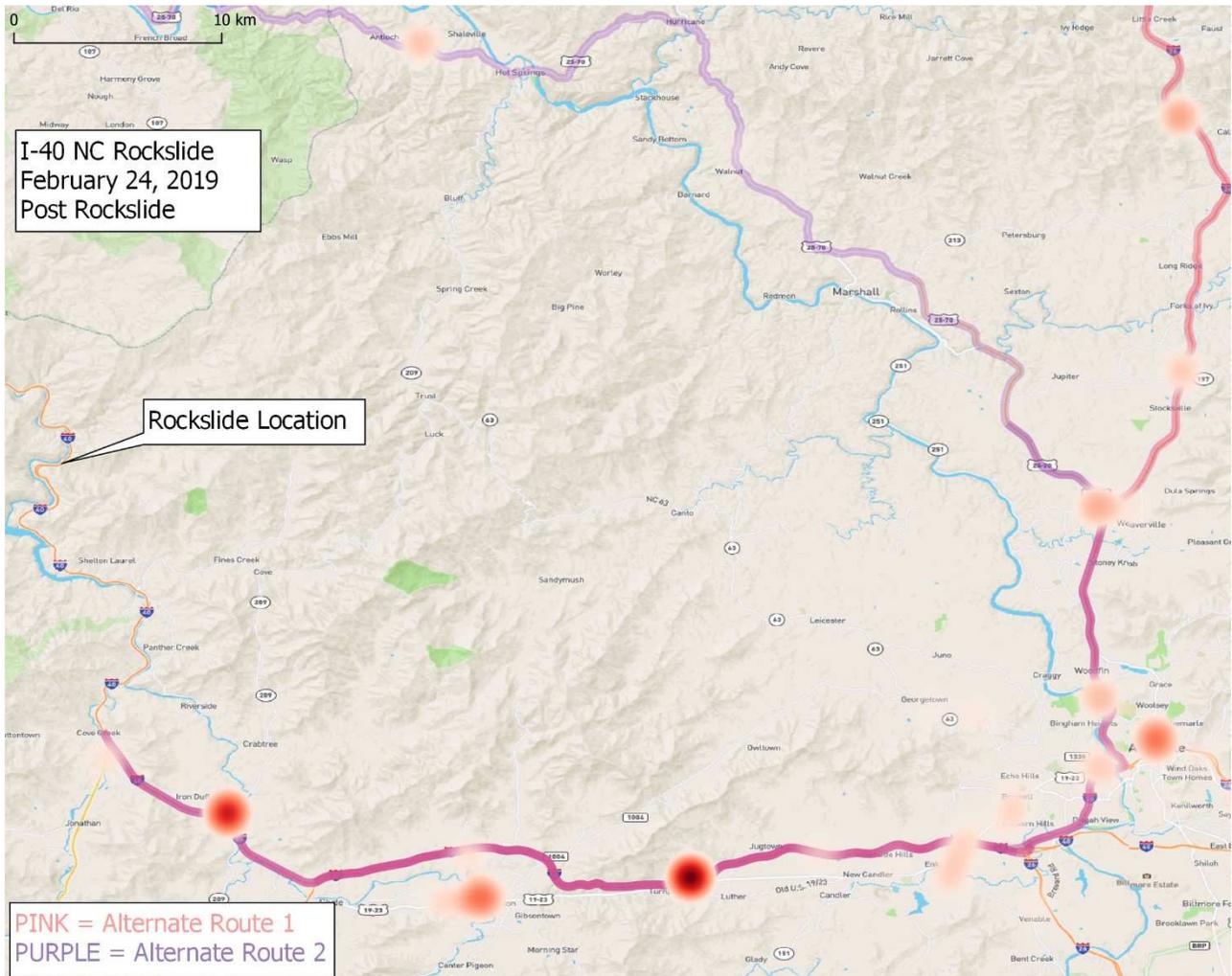
Source: ATRI.

Figure B.9 Stopped Truck Clusters, North Carolina Detail
February 23, 2019



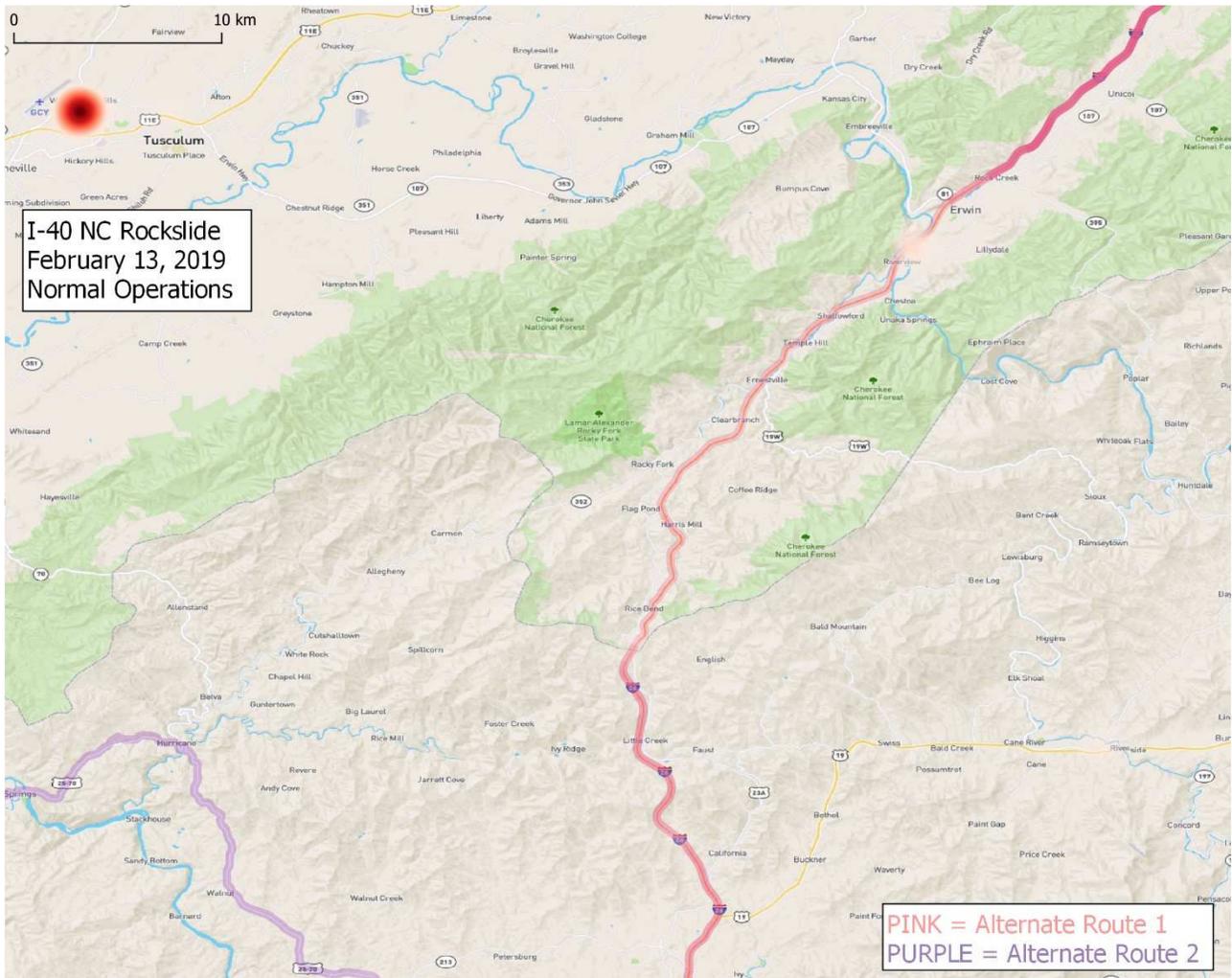
Source: ATRI.

Figure B.10 Stopped Truck Clusters, North Carolina Detail
February 24, 2019



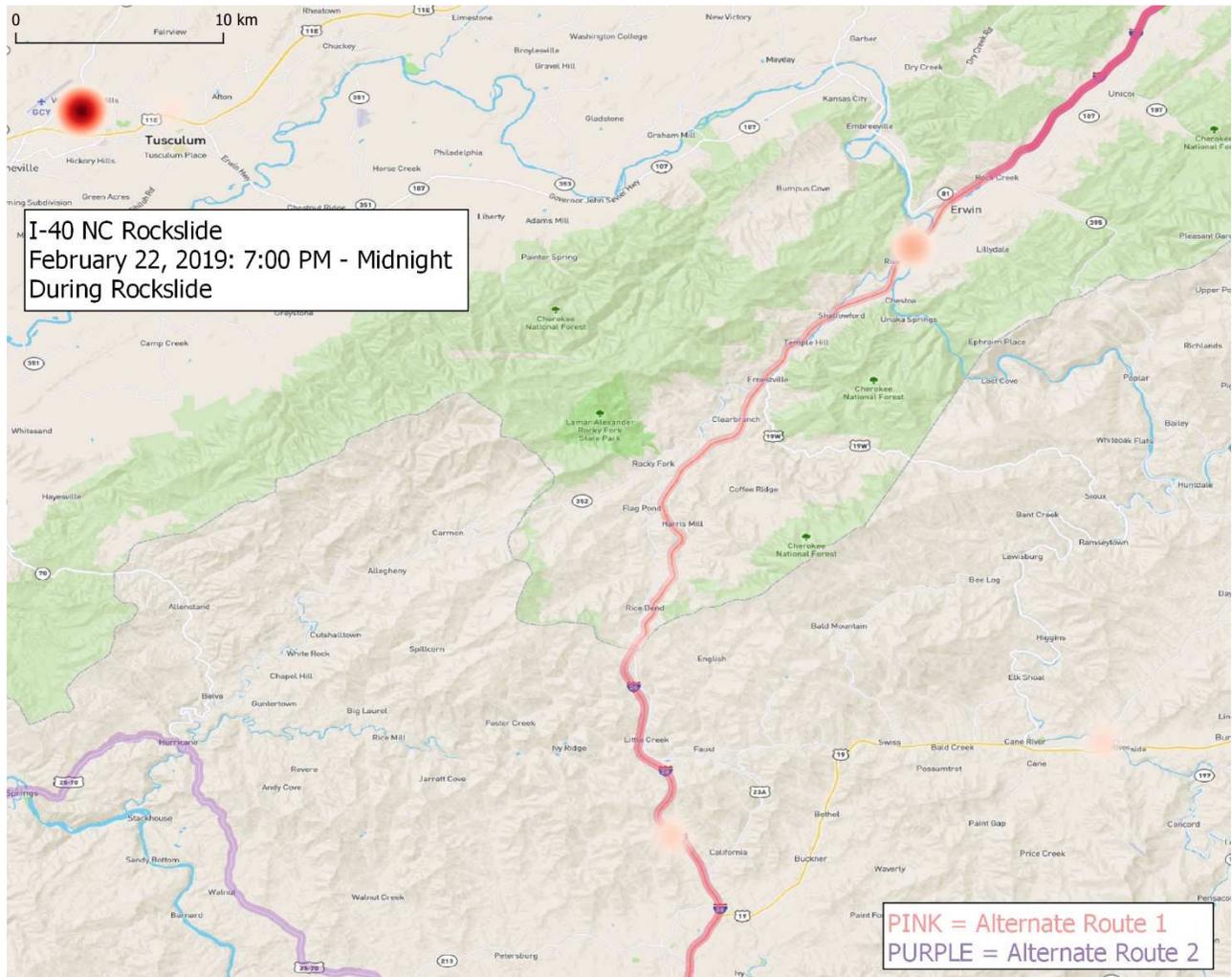
Source: ATRI.

Figure B.11 Stopped Truck Clusters
February 13, 2019



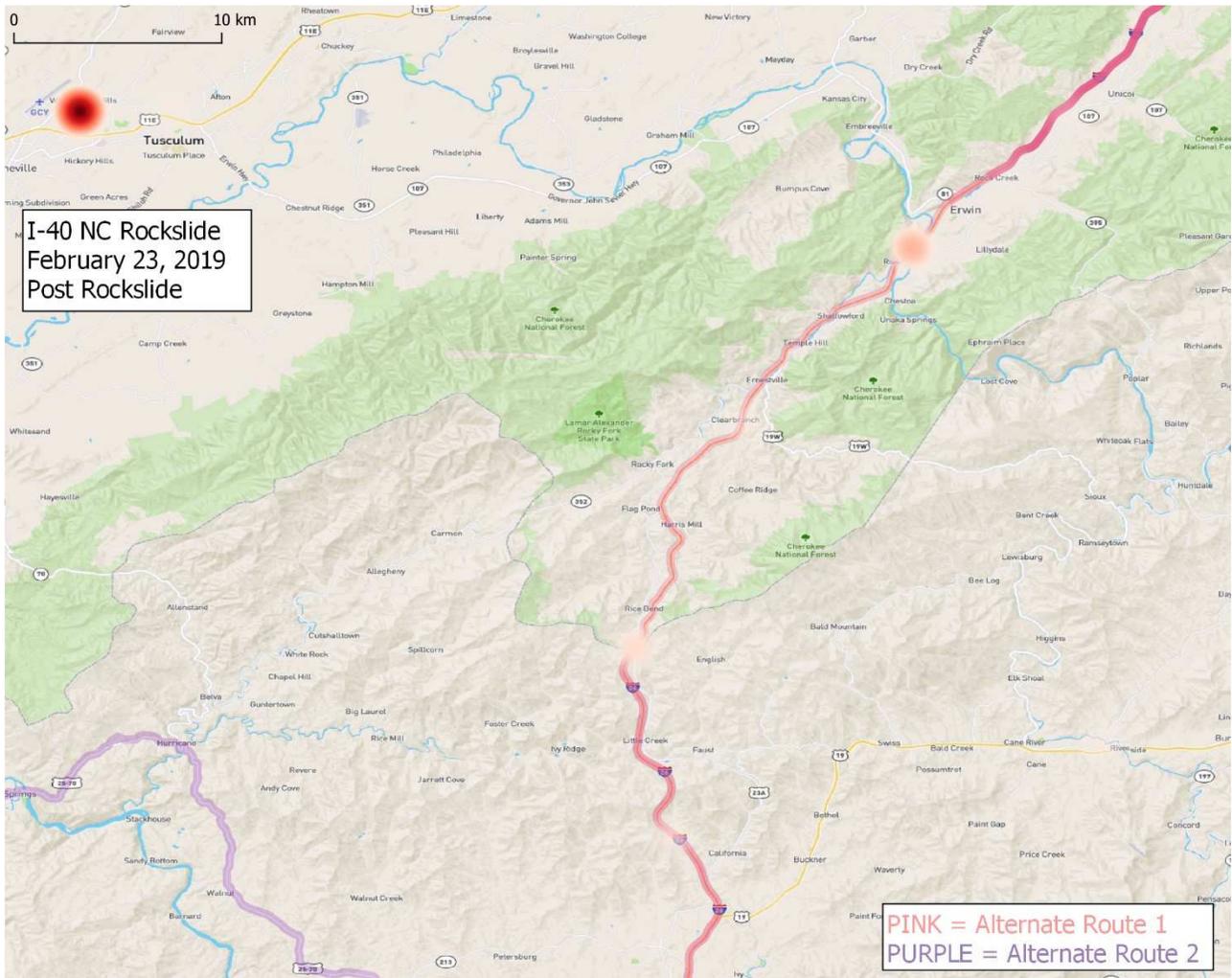
Source: ATRI.

Figure B.12 Stopped Truck Clusters
February 22, 2019



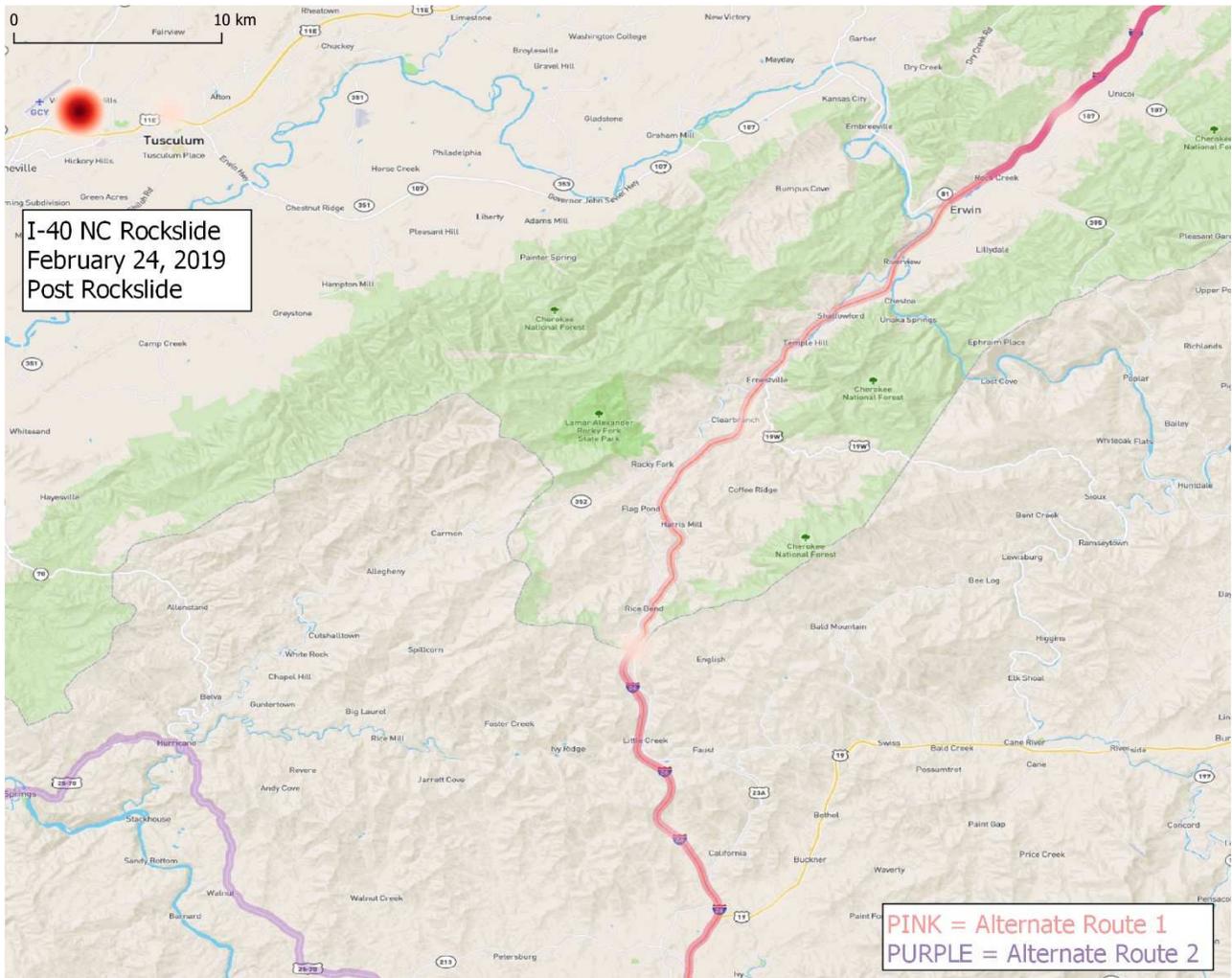
Source: ATRI.

Figure B.13 Stopped Truck Clusters
February 23, 2019



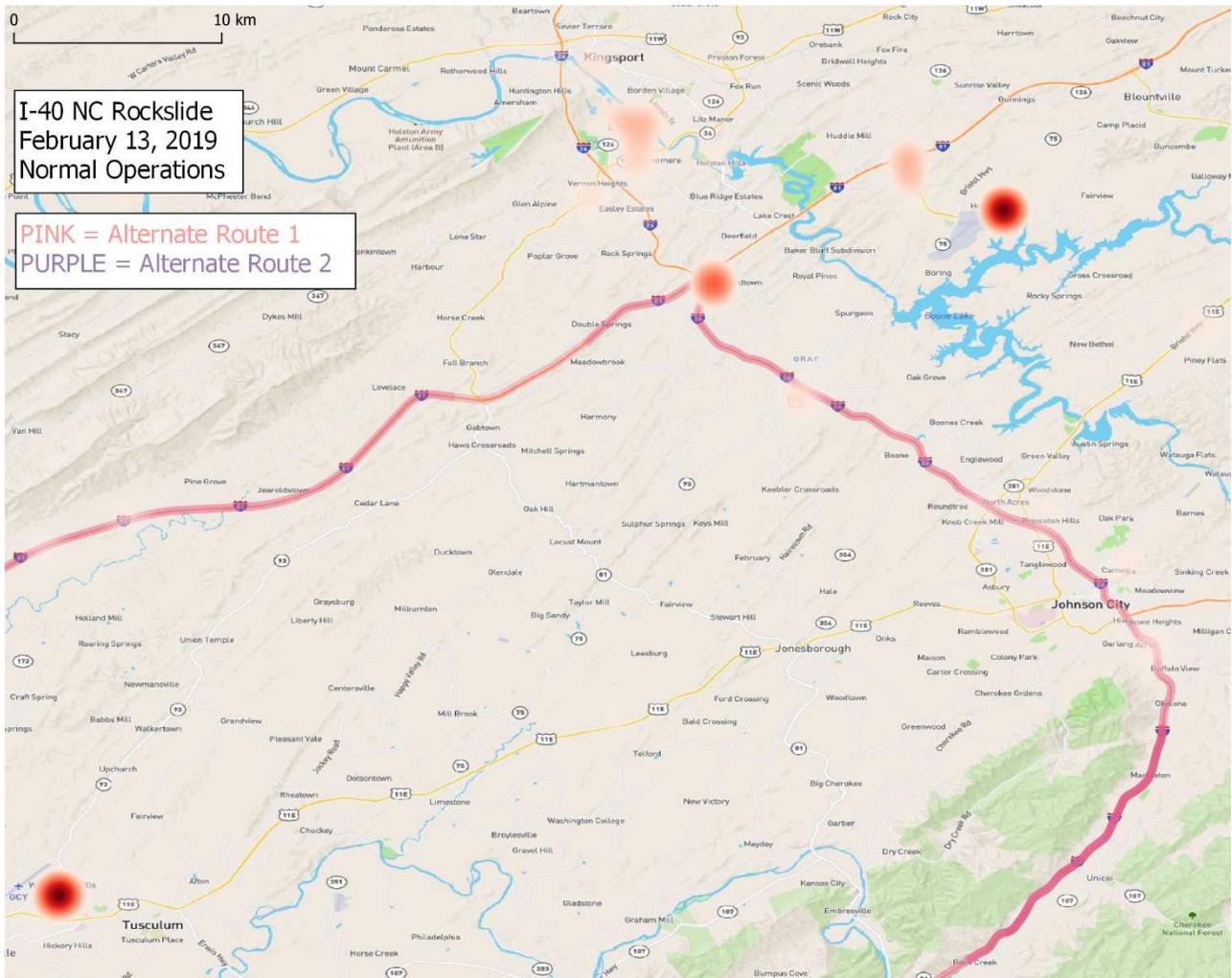
Source: ATRI.

Figure B.14 Stopped Truck Clusters
February 24, 2019



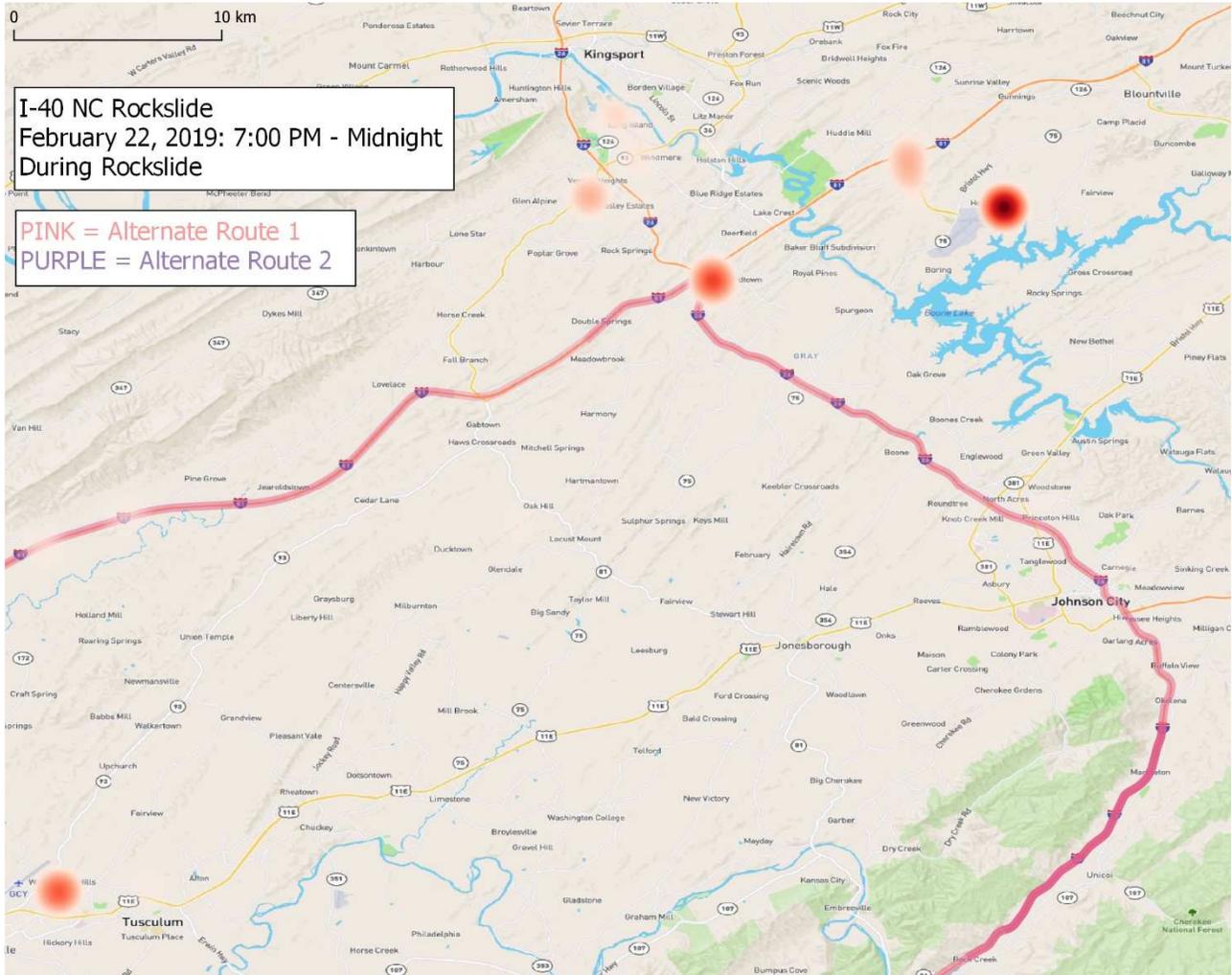
Source: ATRI.

Figure B.15 Stopped Truck Clusters, Alternate Route Detail
February 13, 2019



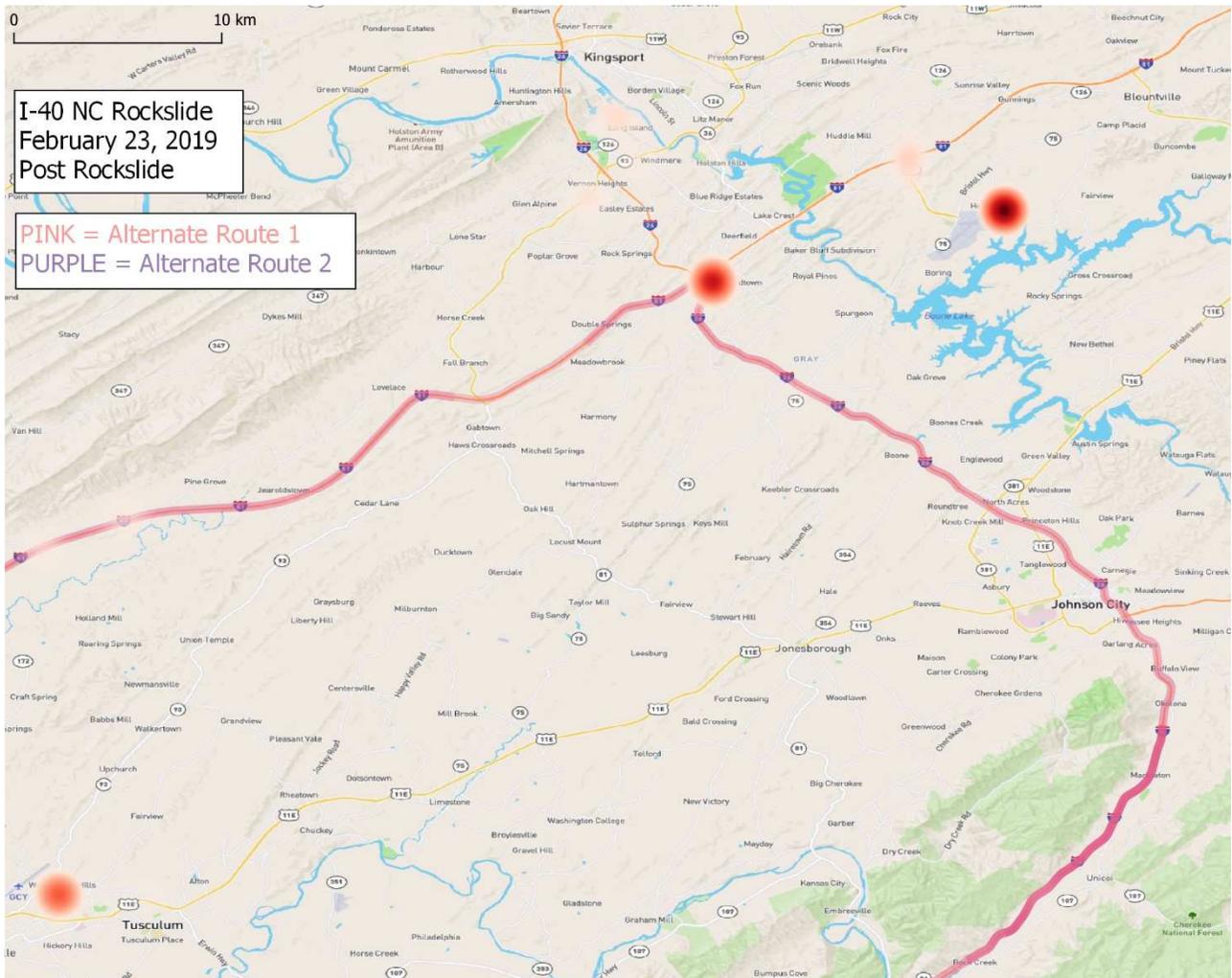
Source: ATRI.

Figure B.16 Stopped Truck Clusters, Alternate Route Detail
February 22, 2019



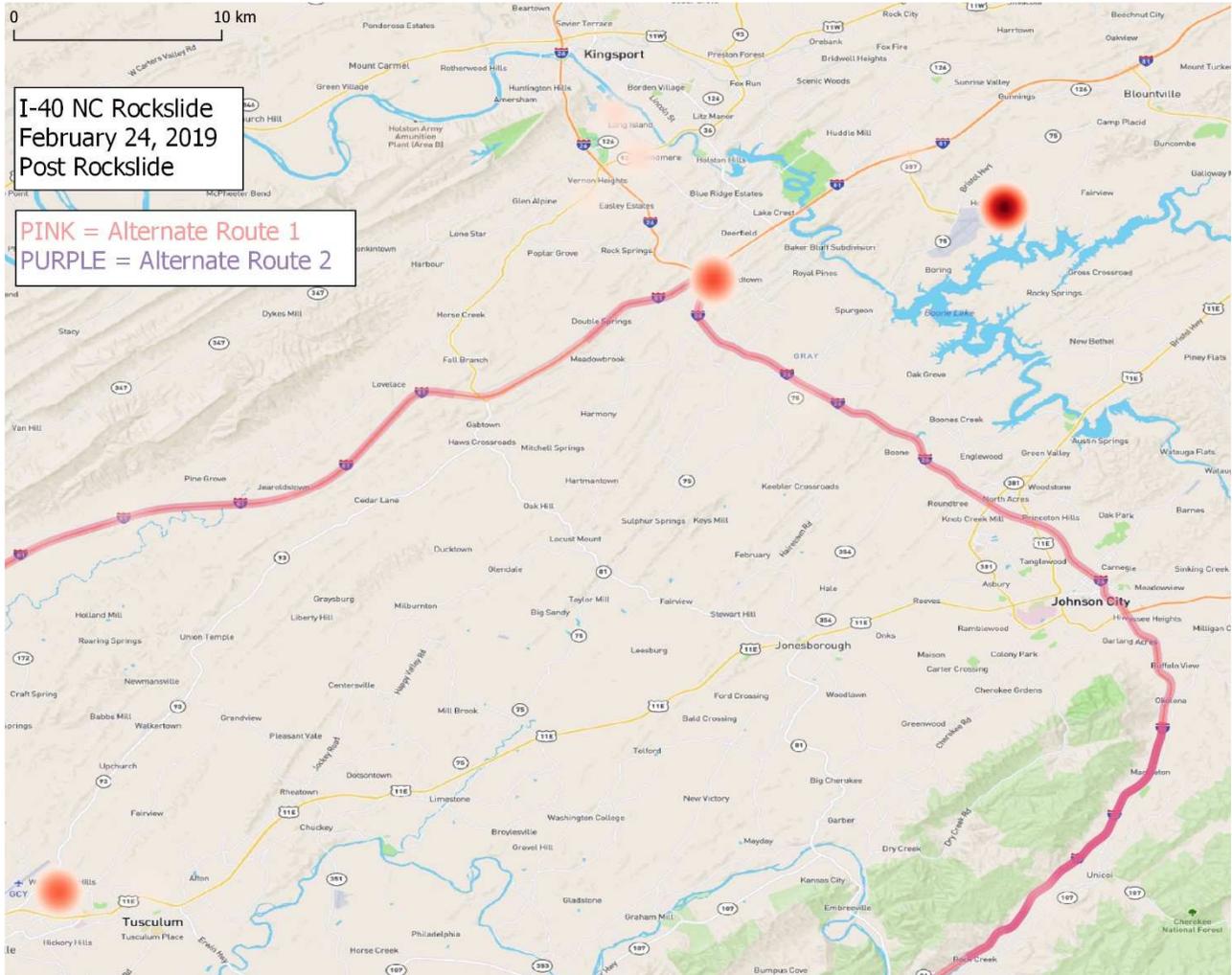
Source: ATRI.

Figure B.17 Stopped Truck Clusters, Alternate Route Detail
February 23, 2019



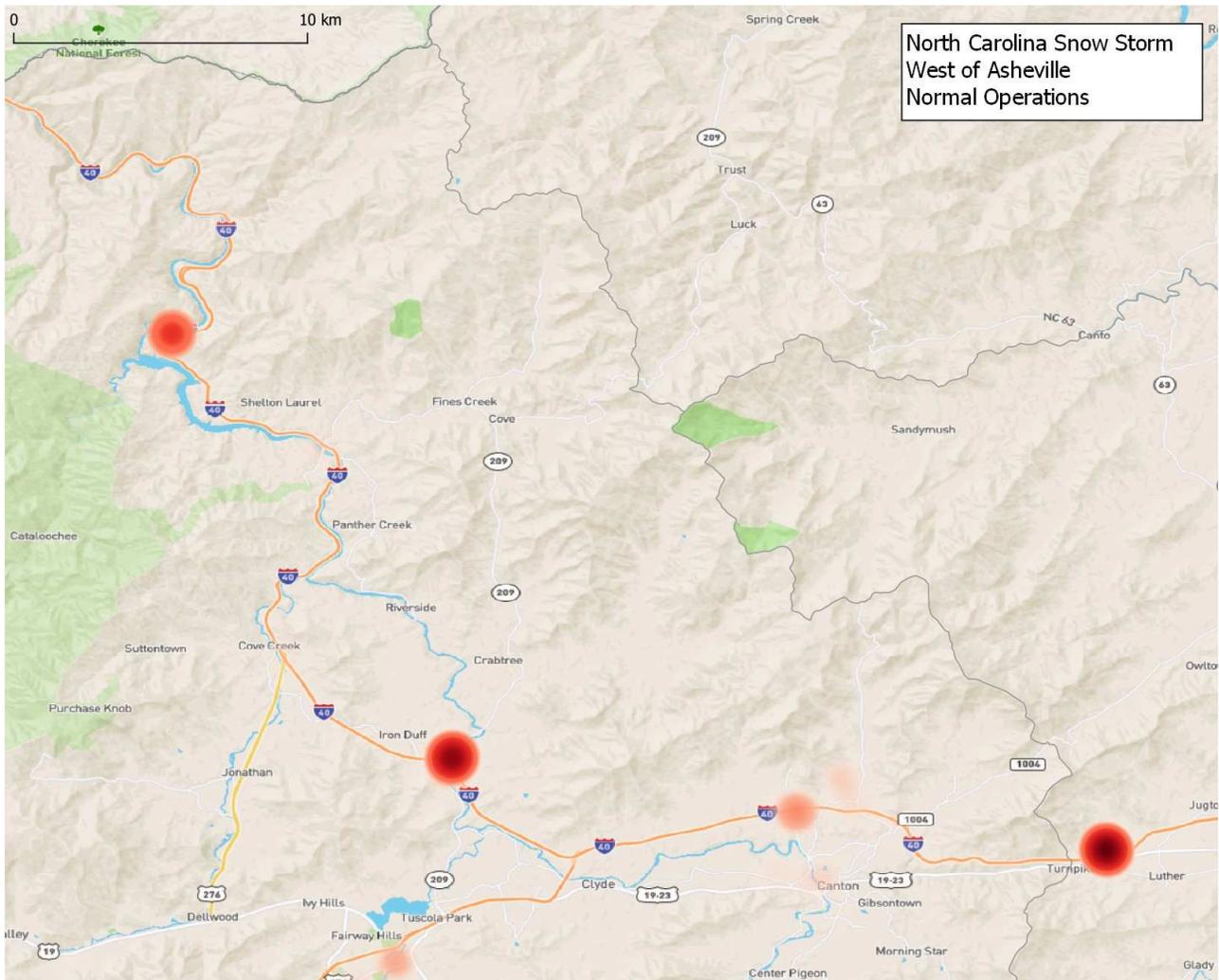
Source: ATRI.

Figure B.18 Stopped Truck Clusters, Alternate Route Detail
February 24, 2019



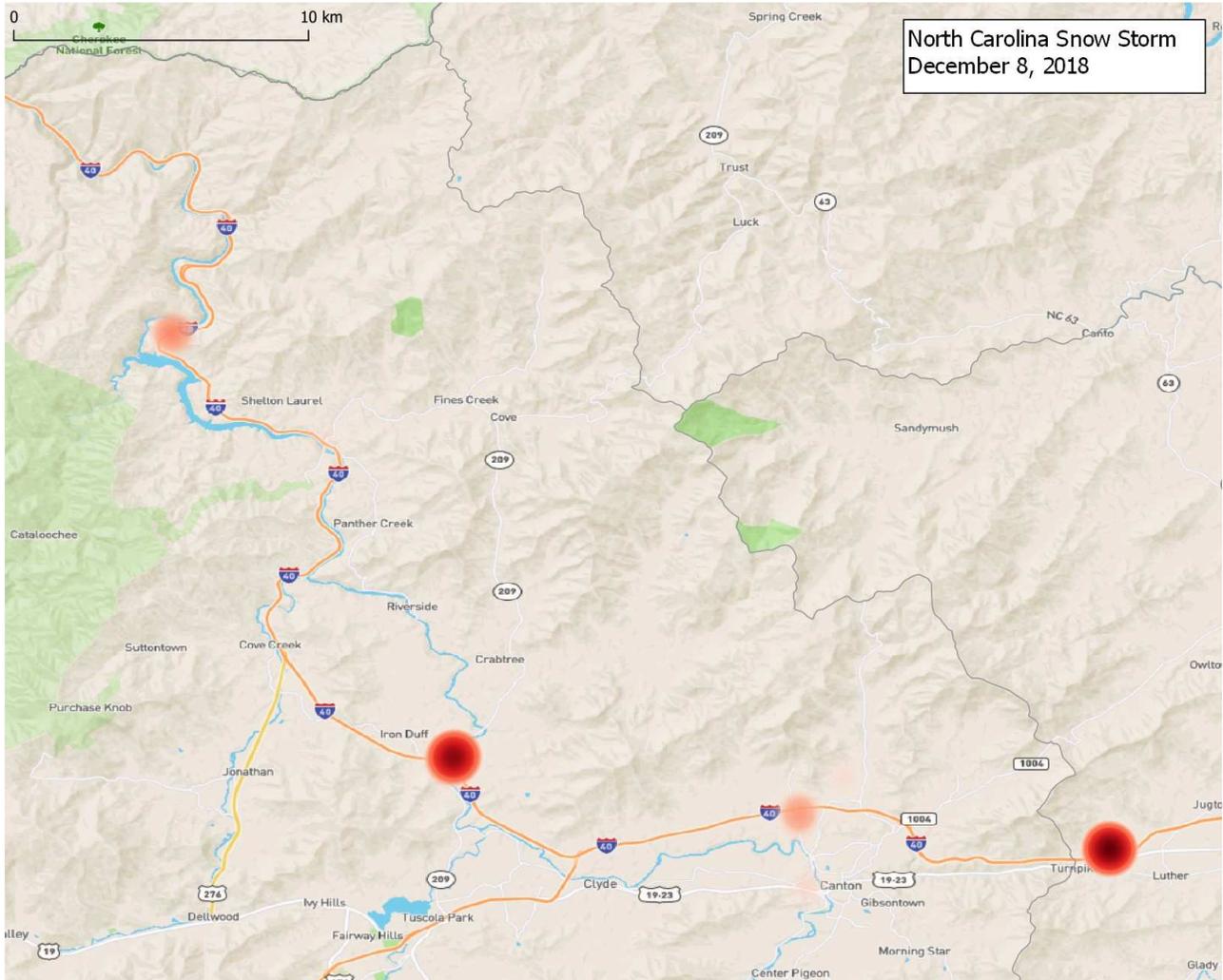
Source: ATRI.

Figure B.19 Stopped Truck Clusters, Normal Operations (Western North Carolina)
December 2018



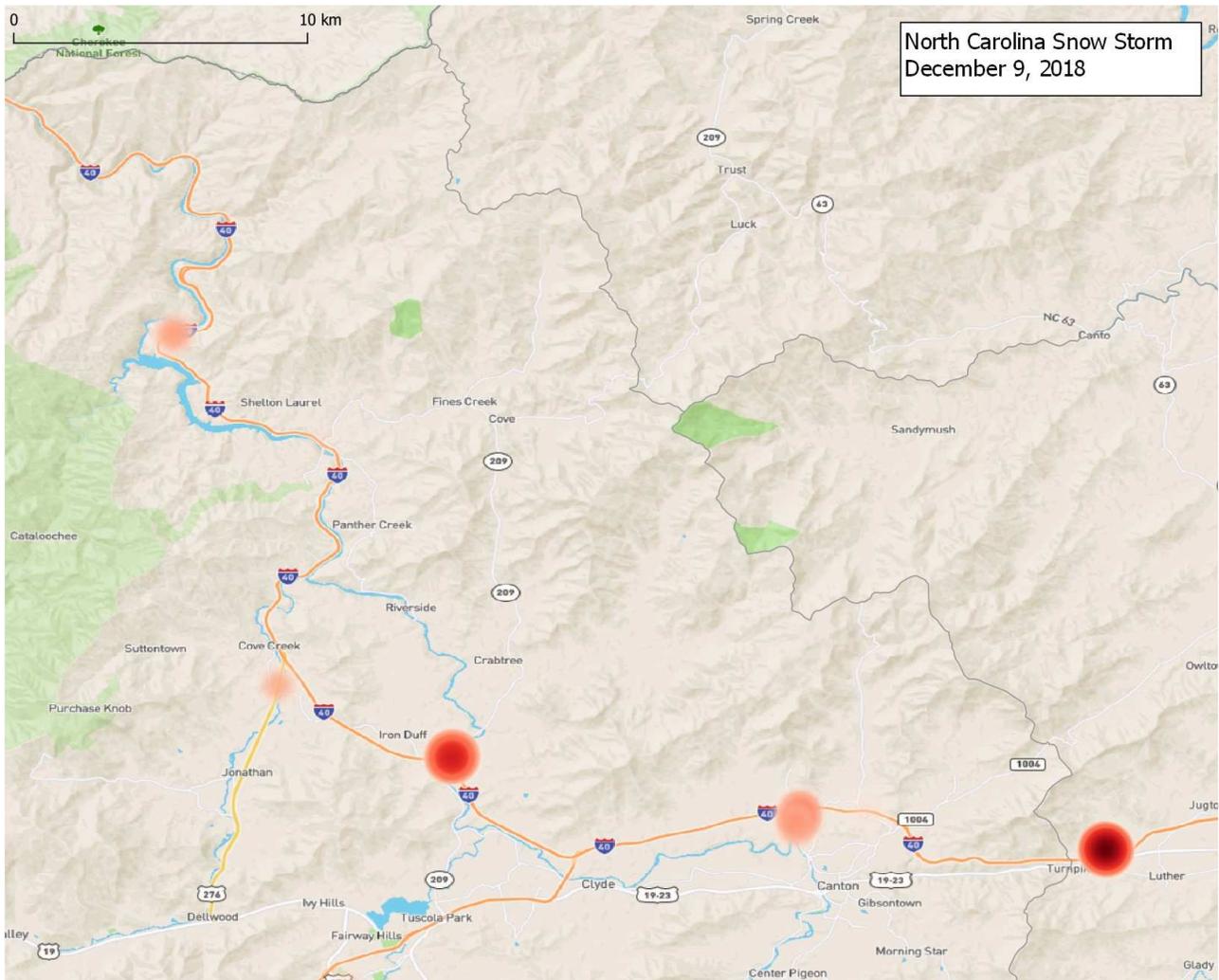
Source: ATRI.

Figure B.20 Stopped Truck Clusters, During Snowstorm (Western North Carolina)
December 8 2018



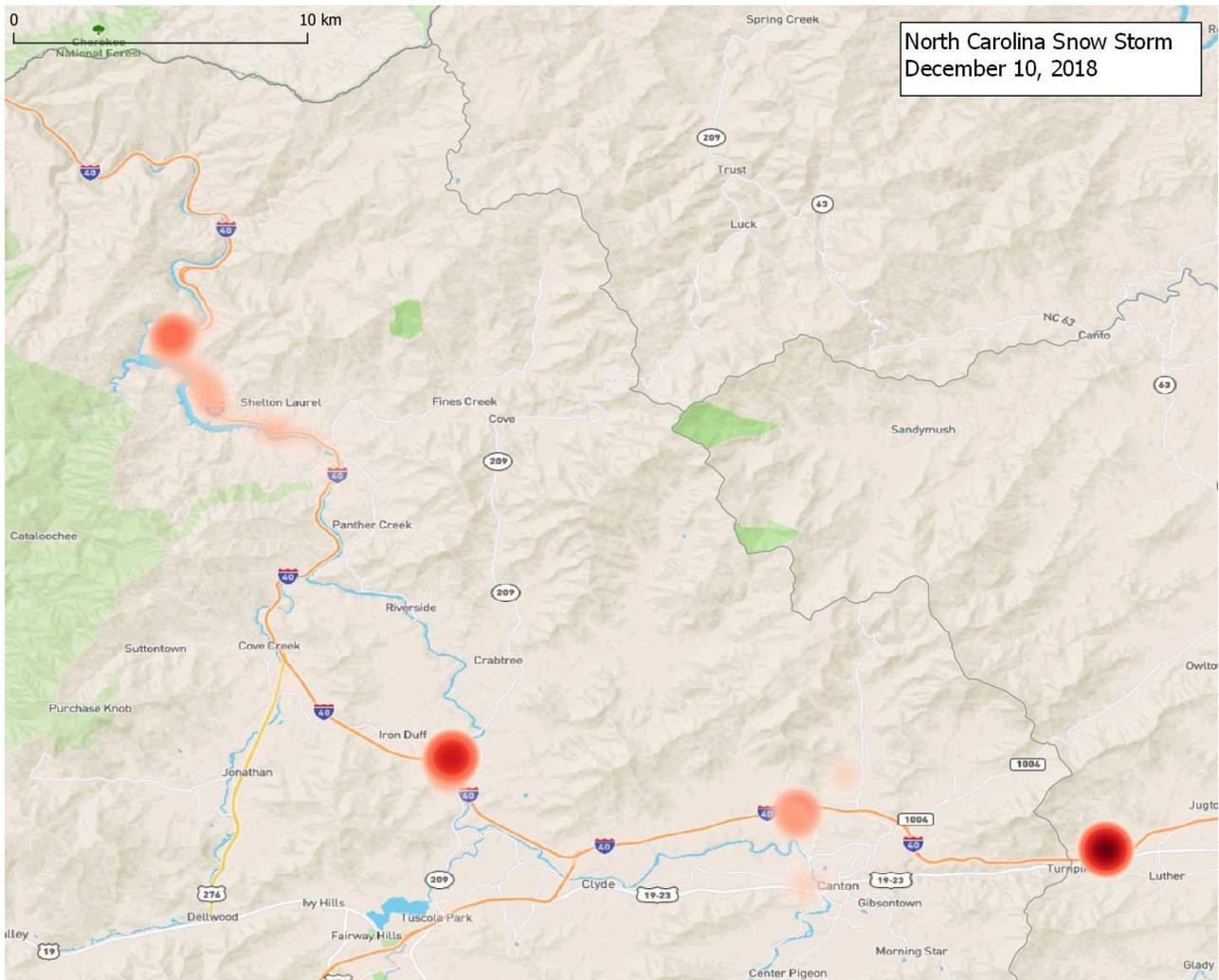
Source: ATRI.

Figure B.21 Stopped Truck Clusters, During Snowstorm (Western North Carolina)
December 9, 2018



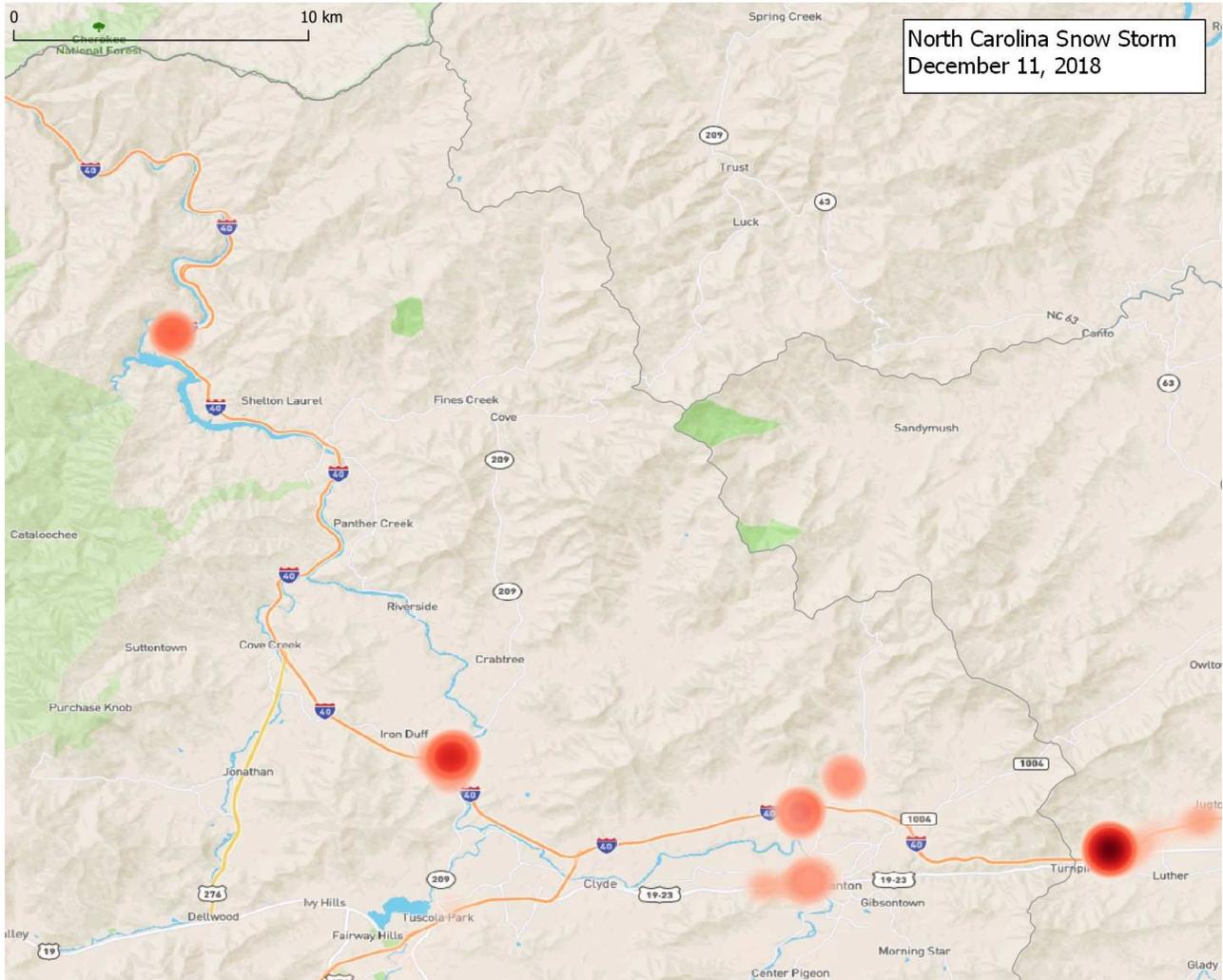
Source: ATRI.

Figure B.22 Stopped Truck Clusters, During Snowstorm (Western North Carolina)
December 10, 2018



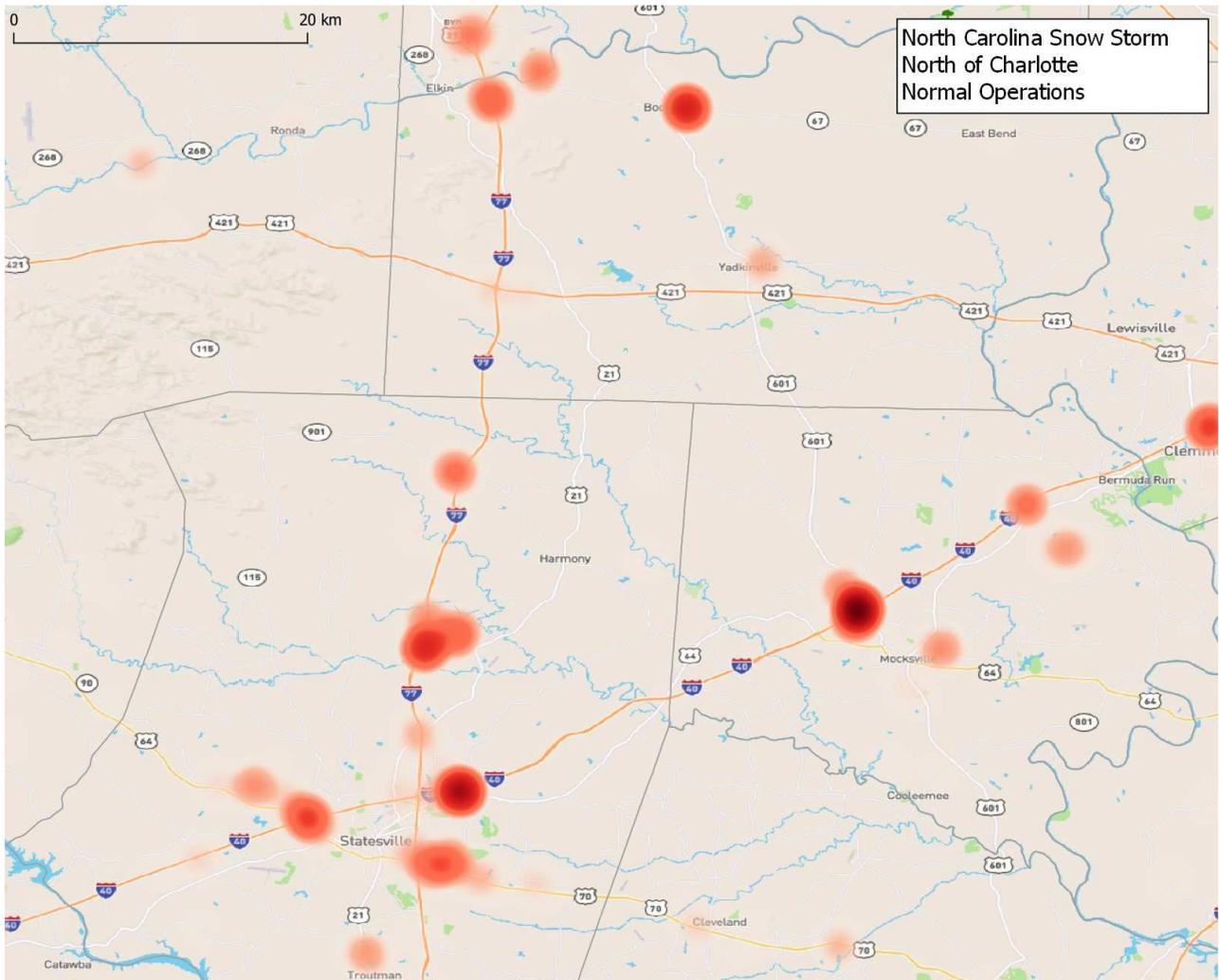
Source: ATRI.

Figure B.23 Stopped Truck Clusters, Post Snowstorm (Western North Carolina)
December 11, 2018



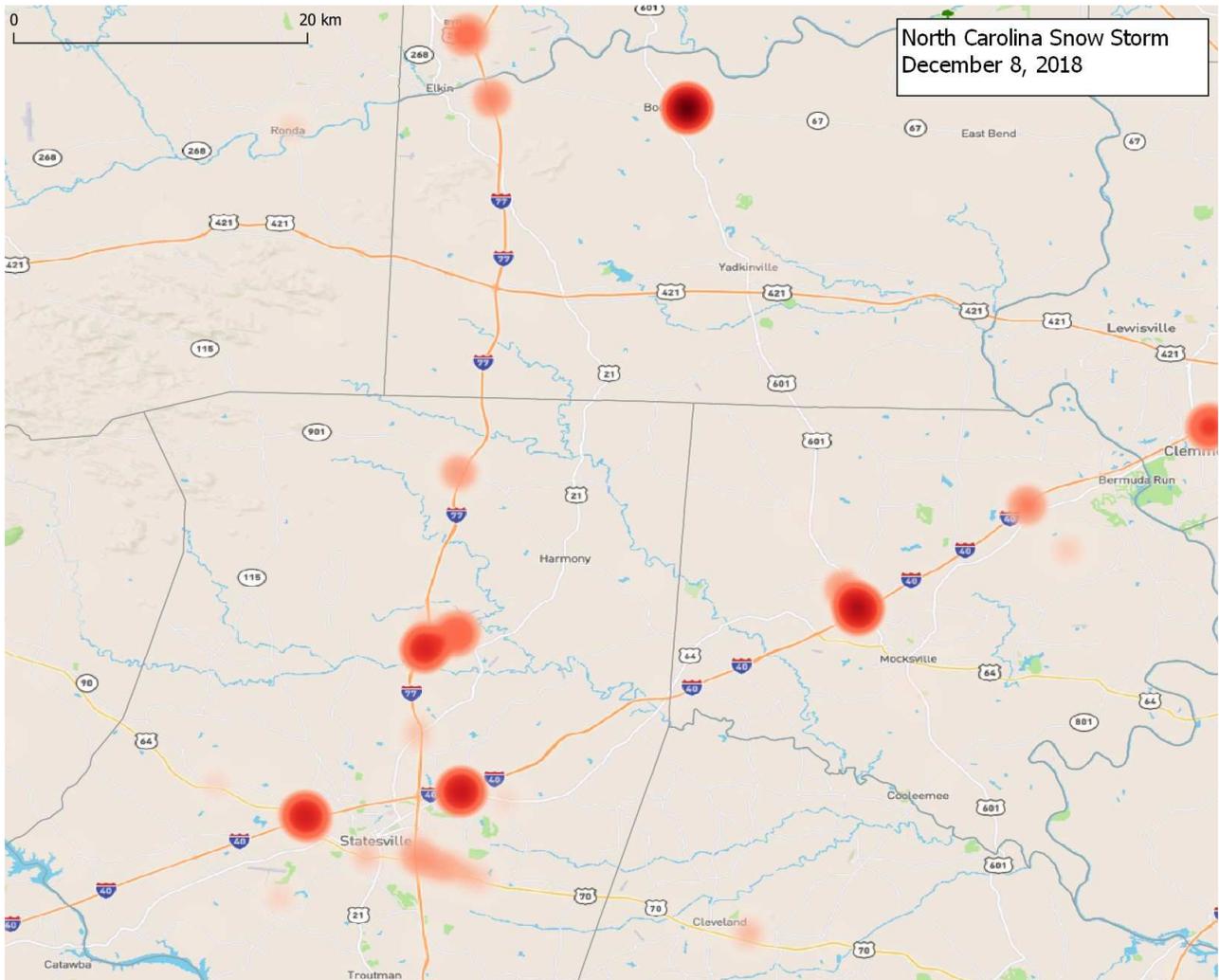
Source: ATRI.

Figure B.24 Stopped Truck Clusters, Normal Operations (North of Charlotte)
December 2018



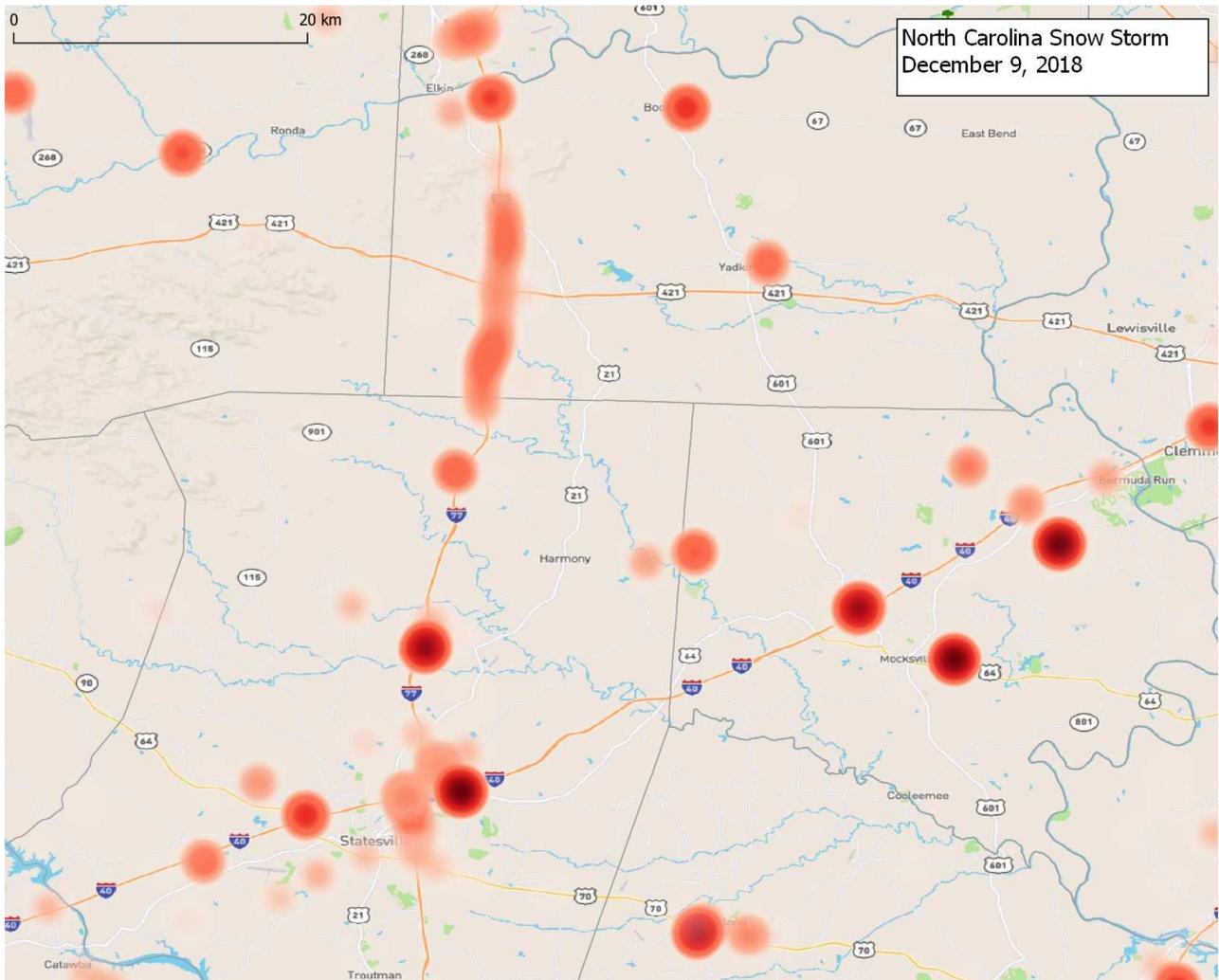
Source: ATRI.

Figure B.25 Stopped Truck Clusters, During Snowstorm (North of Charlotte)
December 8, 2018



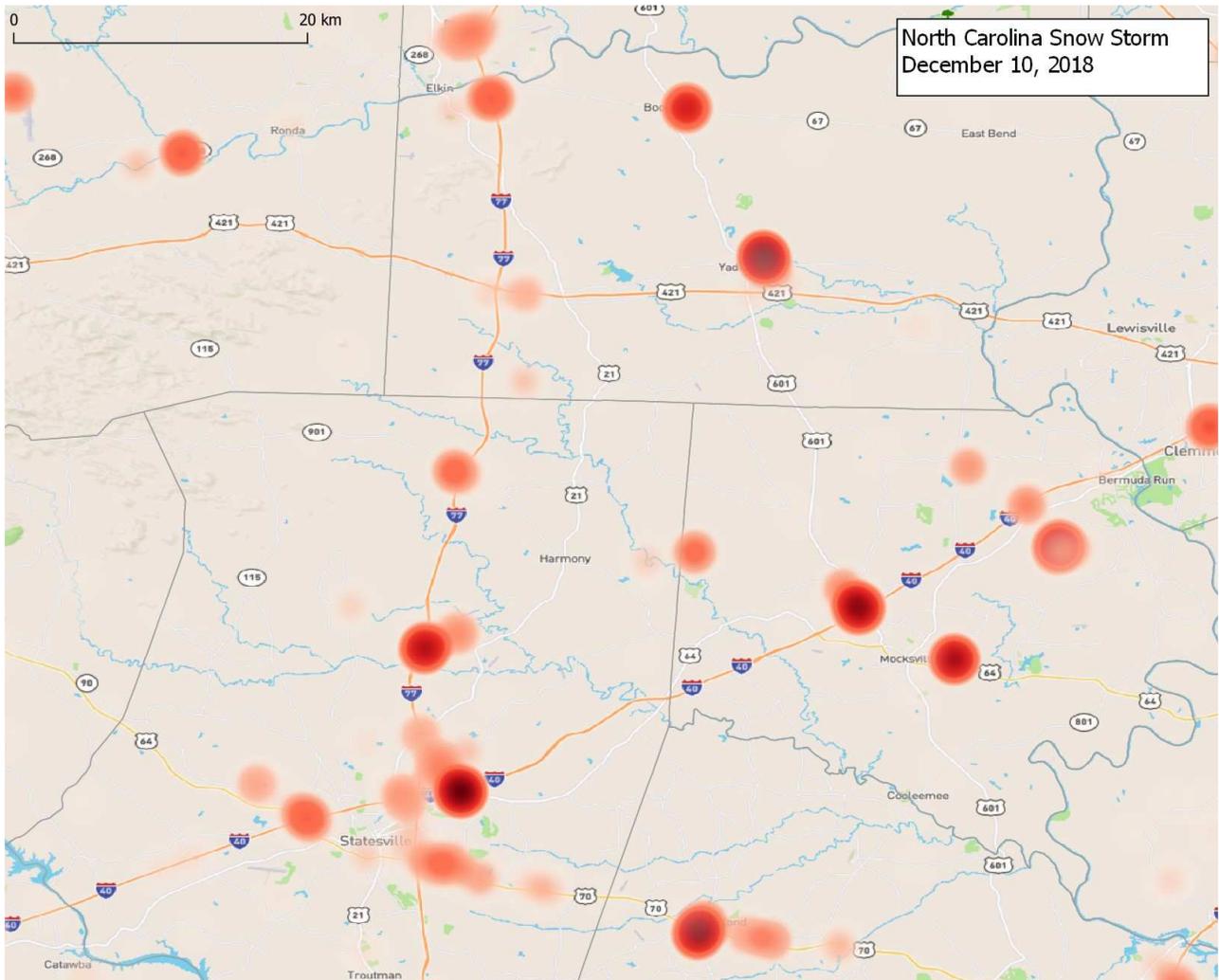
Source: ATRI.

Figure B.26 Stopped Truck Clusters, During Snowstorm (North of Charlotte)
December 9, 2018



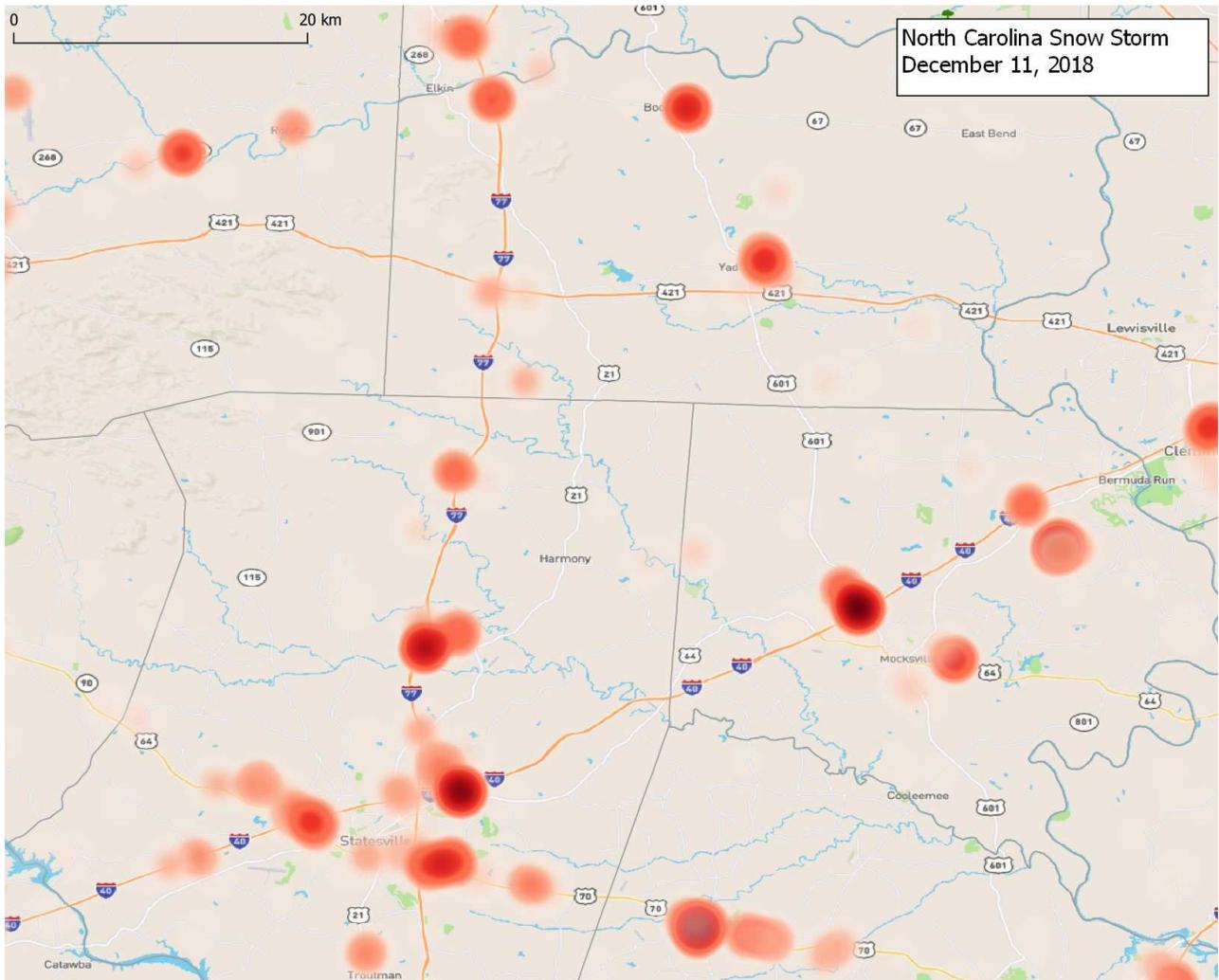
Source: ATRI.

Figure B.27 Stopped Truck Clusters, During Snowstorm (North of Charlotte)
December 10, 2018



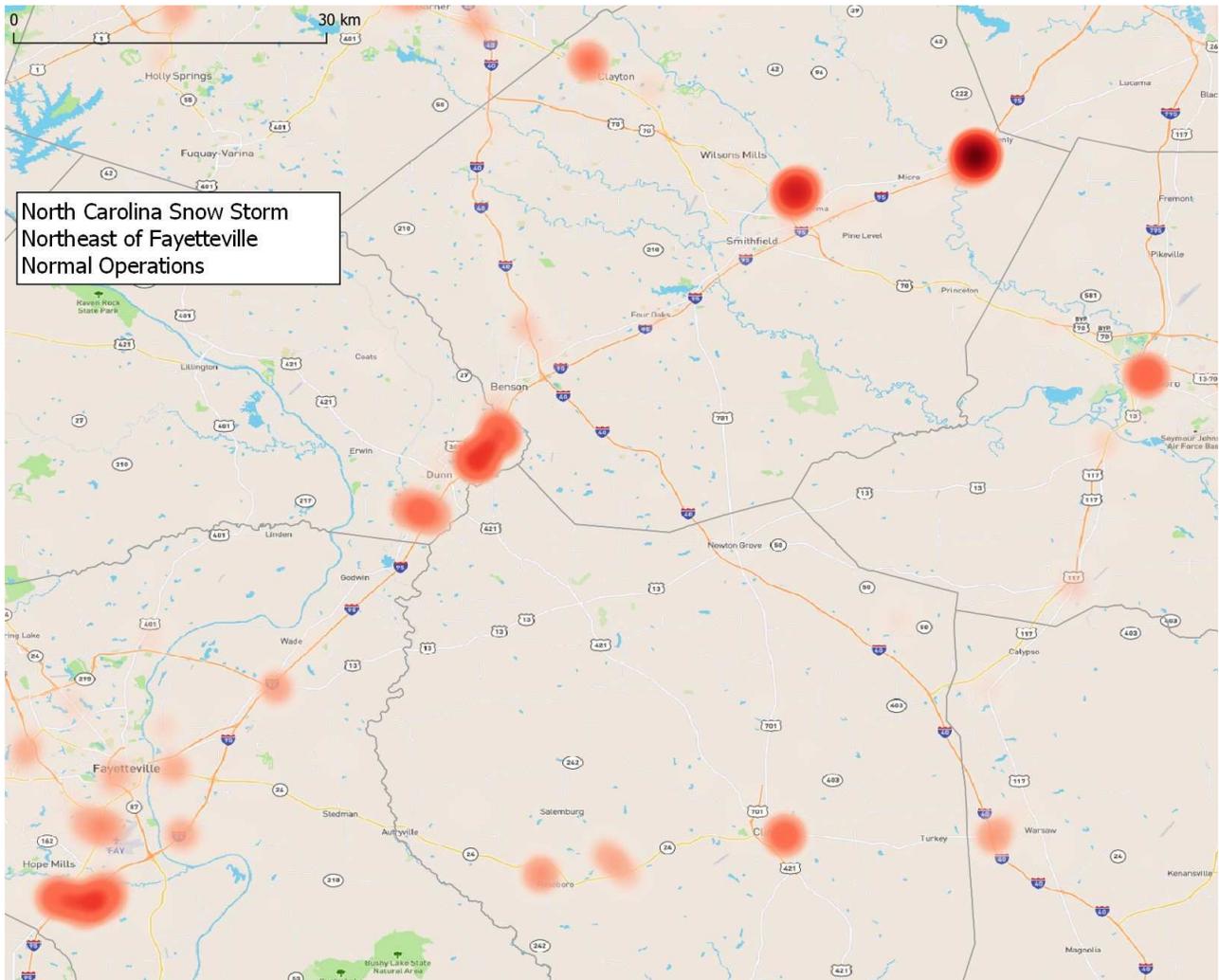
Source: ATRI.

Figure B.28 Stopped Truck Clusters, Post Snowstorm (North of Charlotte)
December 11, 2018



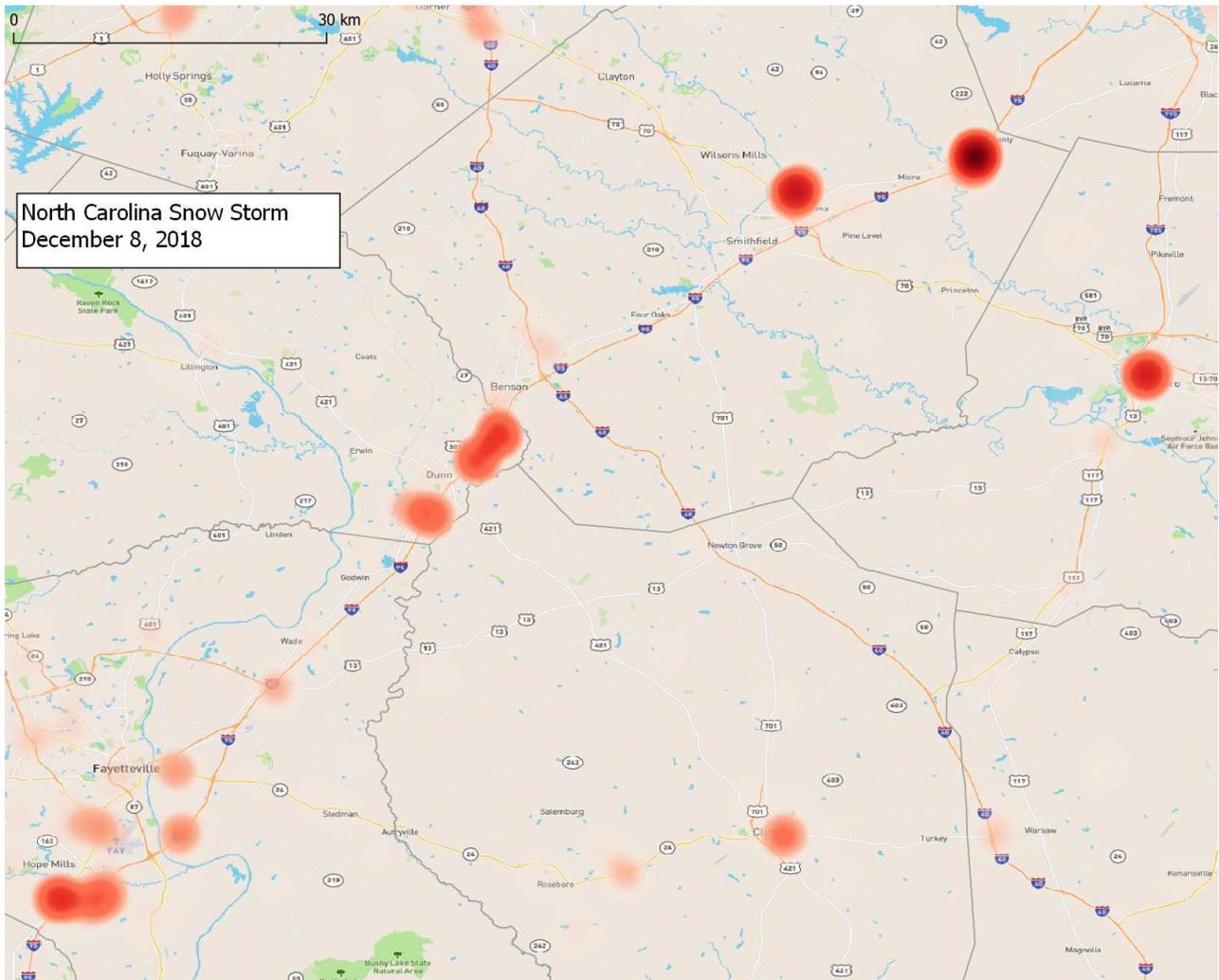
Source: ATRI.

Figure B.29 Stopped Truck Clusters, Normal Operations (Fayetteville)
December, 2018



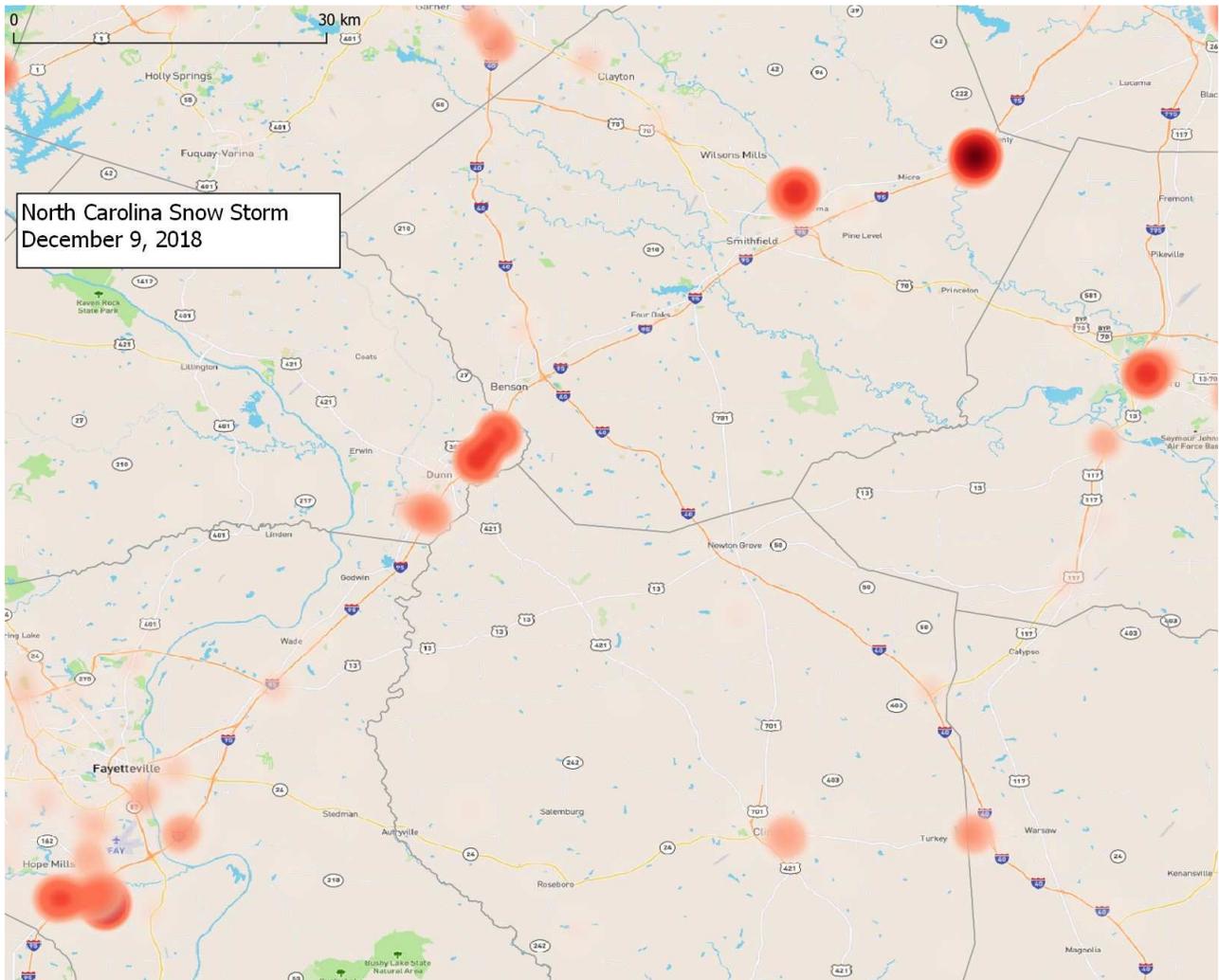
Source: ATRI.

Figure B.30 Stopped Truck Clusters, During Snowstorm (Fayetteville)
December 8, 2018



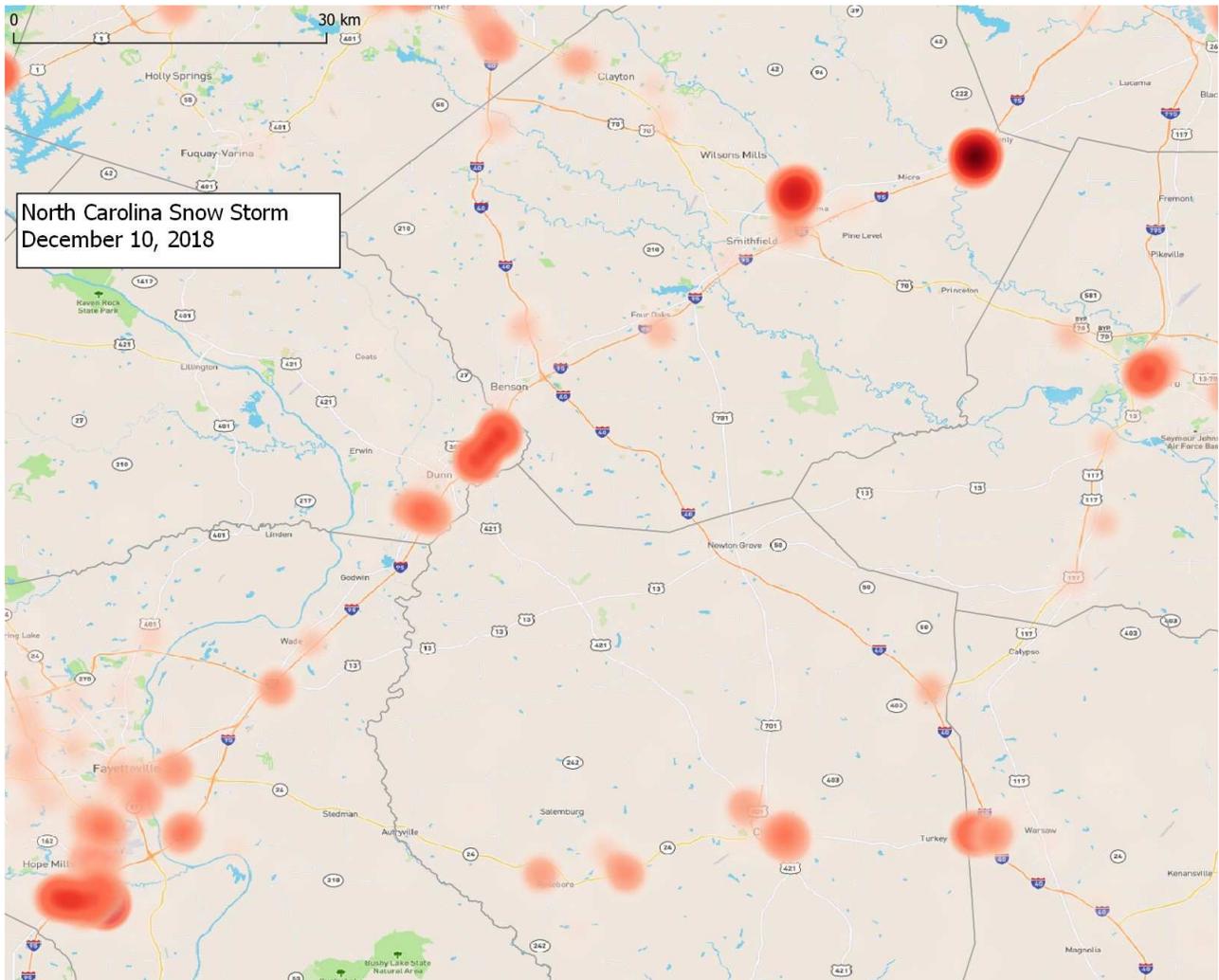
Source: ATRI.

Figure B.31 Stopped Truck Clusters, During Snowstorm (Fayetteville)
December 9, 2018



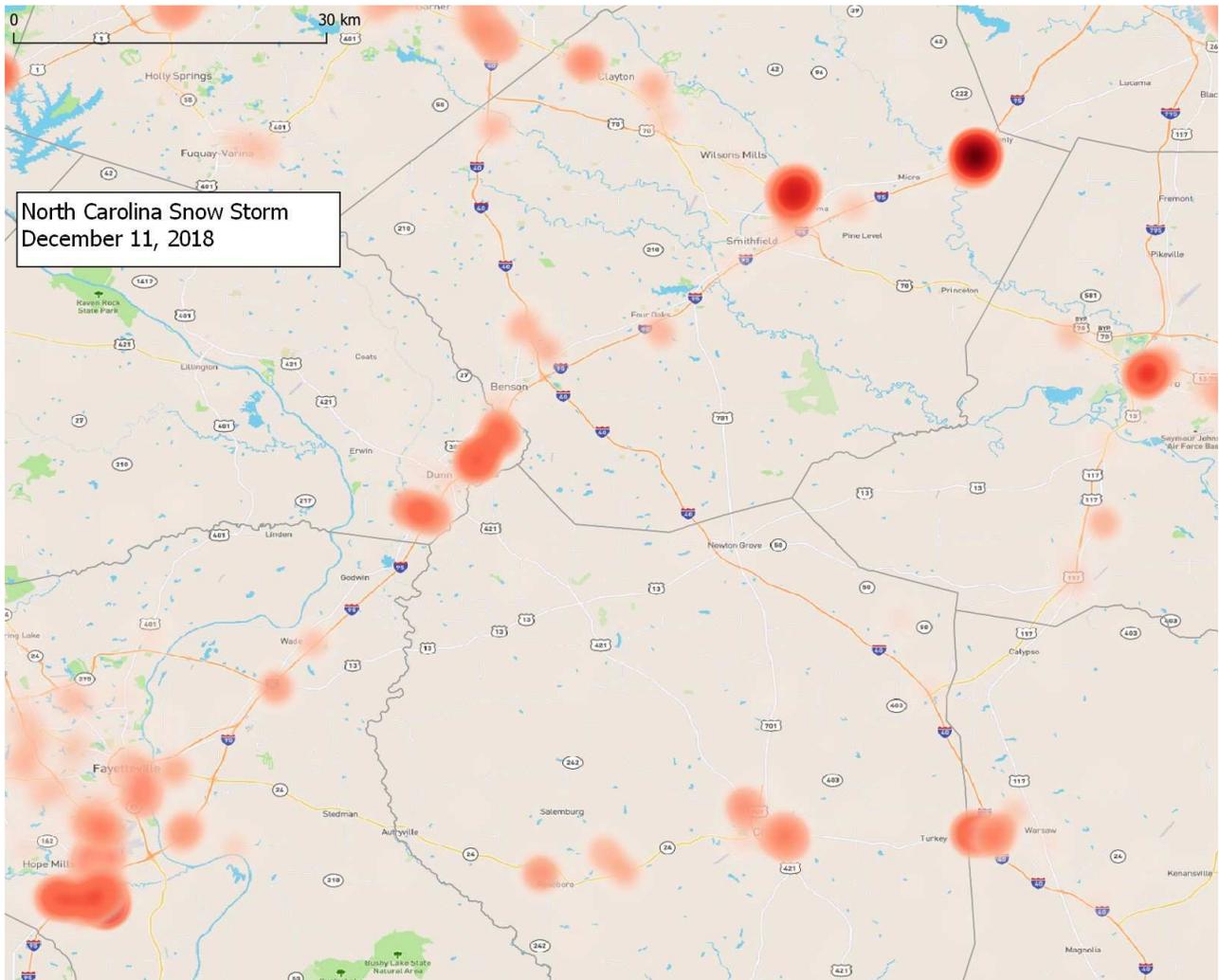
Source: ATRI.

Figure B.32 Stopped Truck Clusters, During Snowstorm (Fayetteville)
December 10, 2018



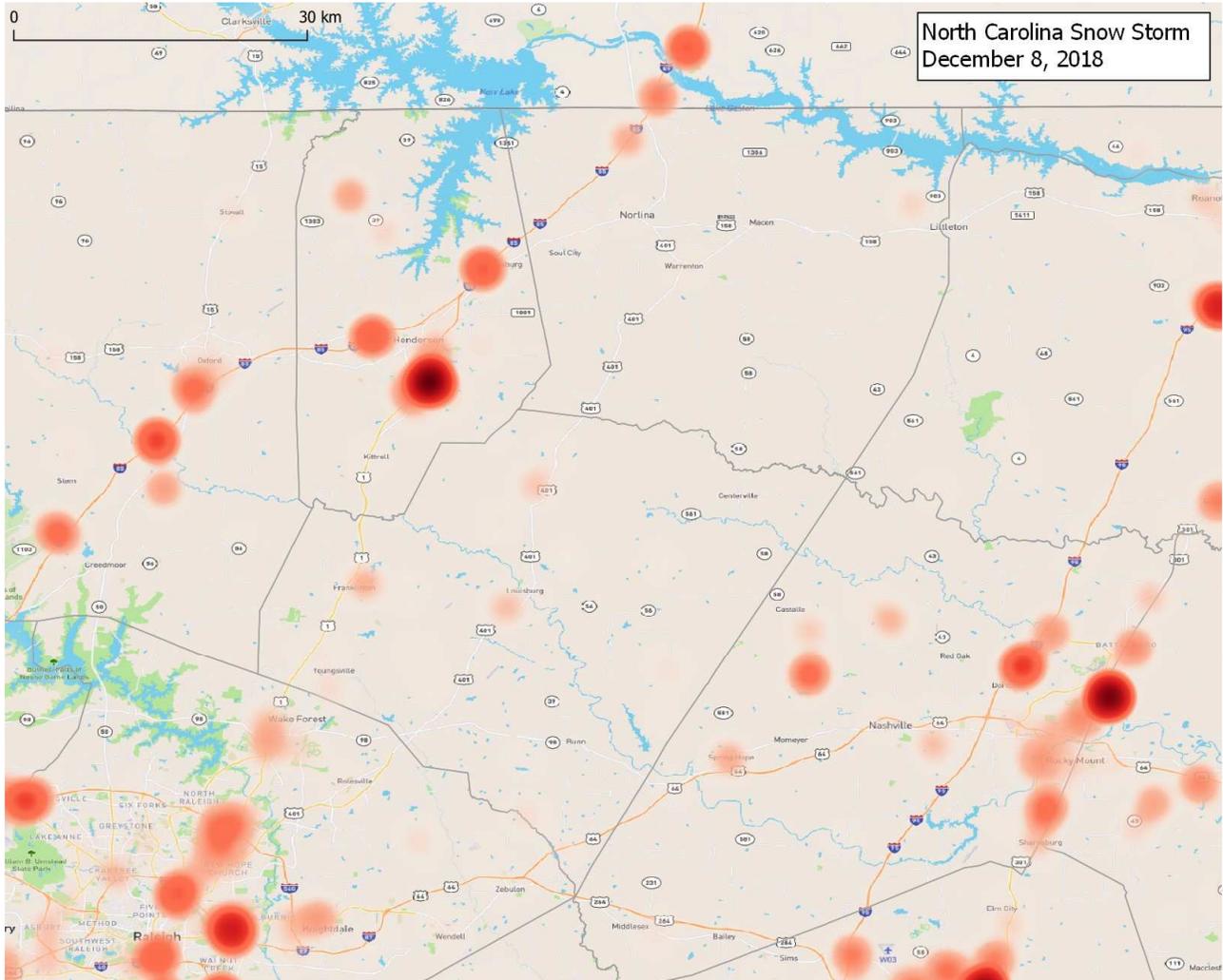
Source: ATRI.

Figure B.33 Stopped Truck Clusters, Post Snowstorm (Fayetteville)
December 11, 2018



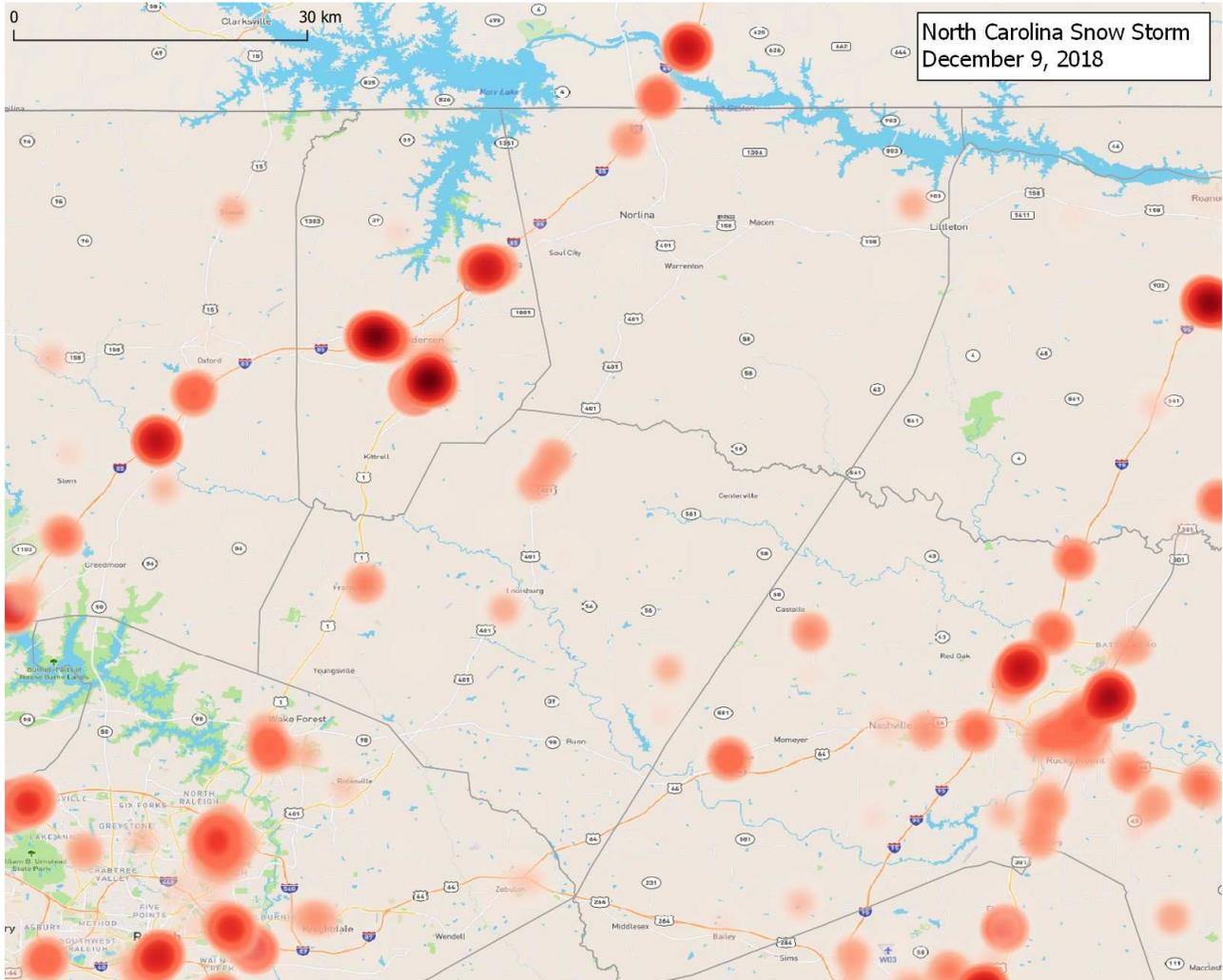
Source: ATRI.

Figure B.35 Stopped Truck Clusters, During Snowstorm (North of Raleigh)
December 8, 2018



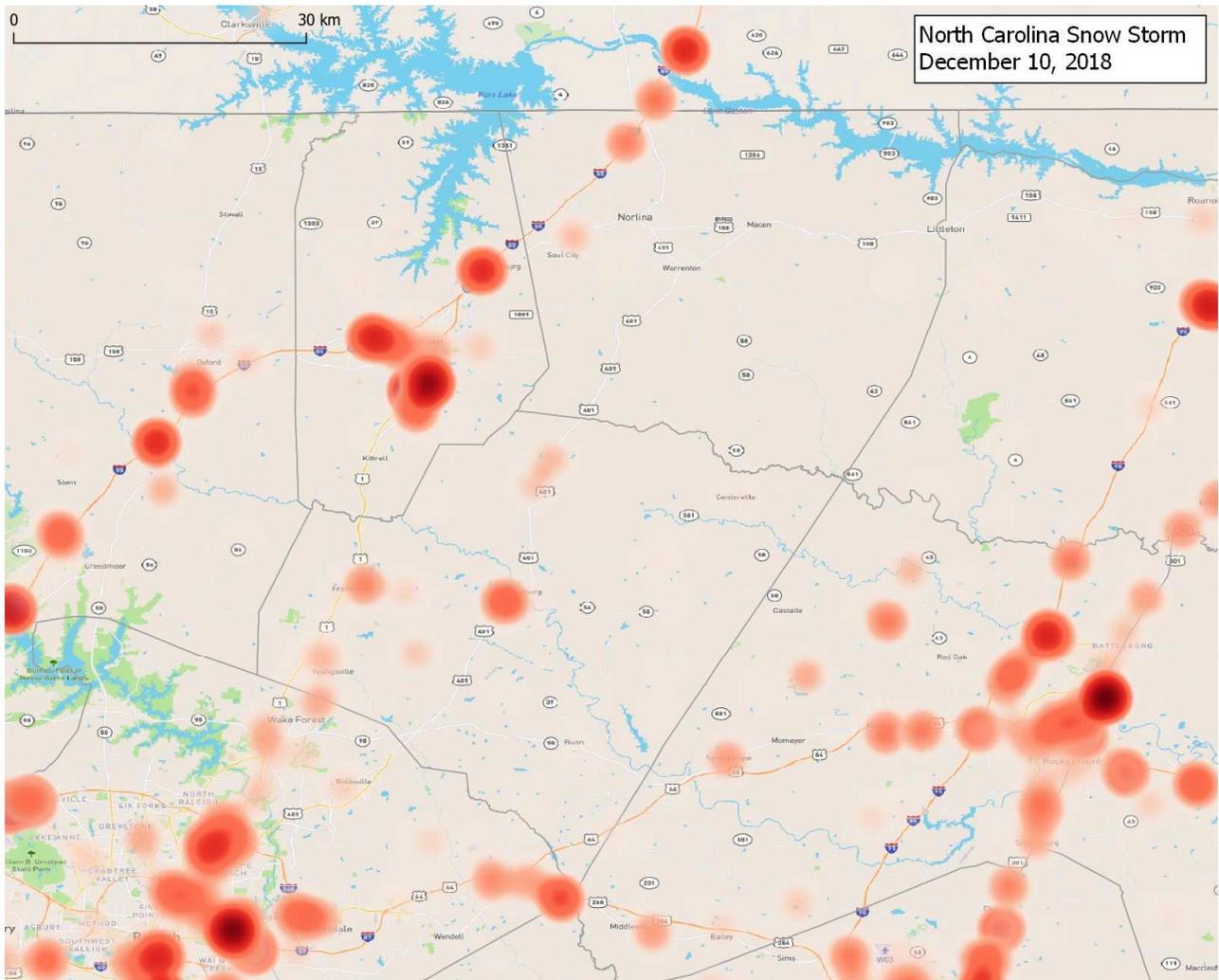
Source: ATRI.

Figure B.36 Stopped Truck Clusters, During Snowstorm (North of Raleigh)
December 9, 2018



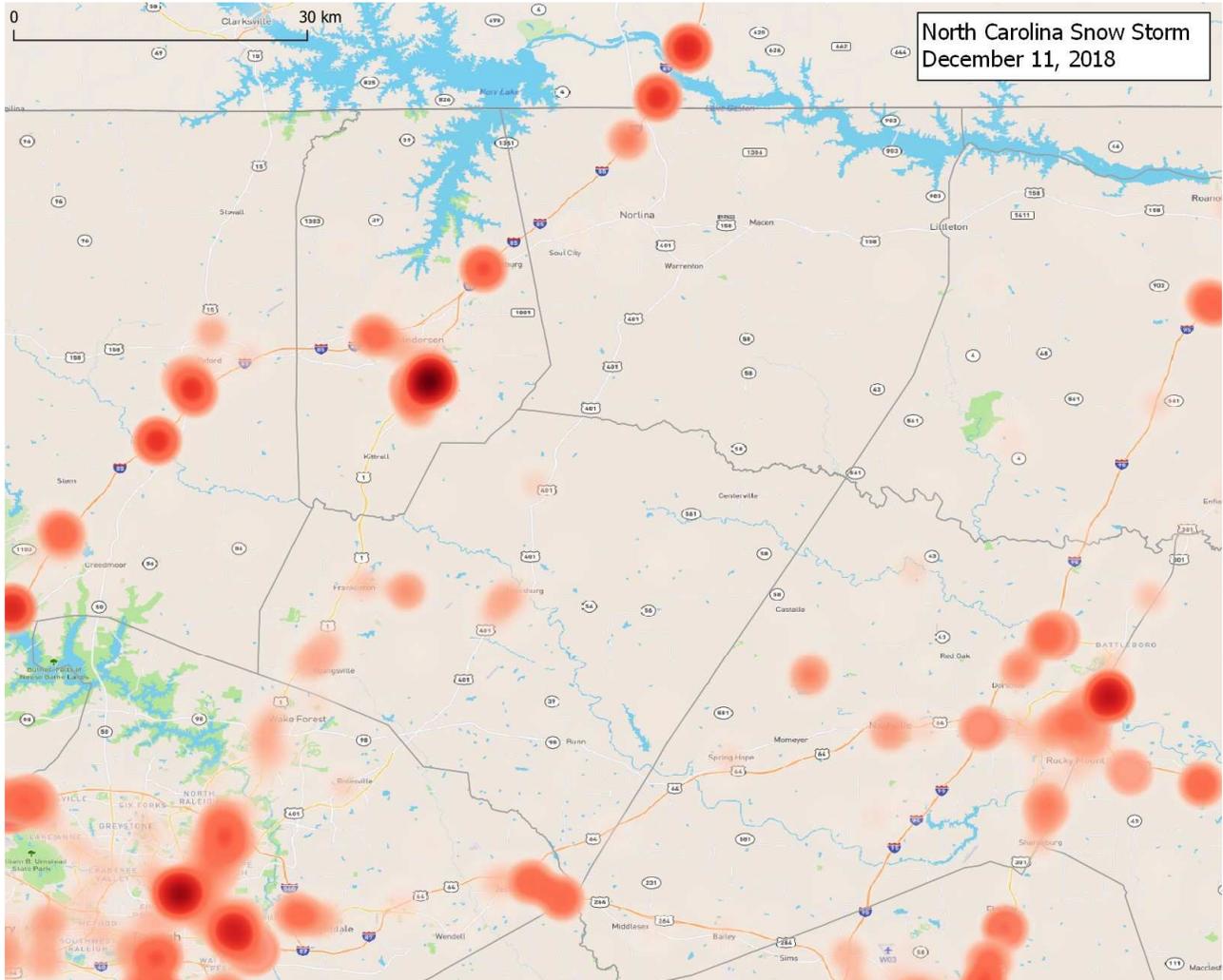
Source: ATRI.

Figure B.37 Stopped Truck Clusters, During Snowstorm (North of Raleigh)
December 10, 2018



Source: ATRI.

Figure B.38 Stopped Truck Clusters, Post Snowstorm (North of Raleigh)
December 11, 2018



Source: ATRI.

Appendix C. New or Expanded Use of NCDOT Right-of-Way Aerial Images

Note that for all aerial images in this appendix, the following color legend applies:

- Yellow—Existing truck parking area.
- Blue—Existing recreational vehicle/car with trailer parking.
- Red—Potential area for new truck parking.

All images are sourced from Google Earth.

C.1 I-26 Corridor Assessment

Figure C.1 I-26 EB Welcome Center
Madison County



Figure C.2 I-26 WB Scenic Overlook
Madison County



Figure C.3 I-26 at SR 2207
N Buncombe School Rd, Buncombe County



Figure C.4 I-26 at NC 251
Broadway Street, Buncombe County



Figure C.5 I-26 at NC 191
Brevard Rd/SR 3651 (Shelburne Rd), Buncombe County



Figure C.6 I-26 at NC 191
Brevard Rd, Buncombe County



Note: Location was considered for loop quadrant lots but due to cross-street geometry, terrain, and traffic volumes location was deemed not feasible.

Figure C.7 I-26 at Weigh Station
Henderson County



Figure C.8 DOT Storage Yard
Henderson County



Note: Location considered for conversion to truck parking although access back to I-26 would be difficult.

Figure C.9 I-26 at SR 1142
Holbert Cove Rd, Polk County

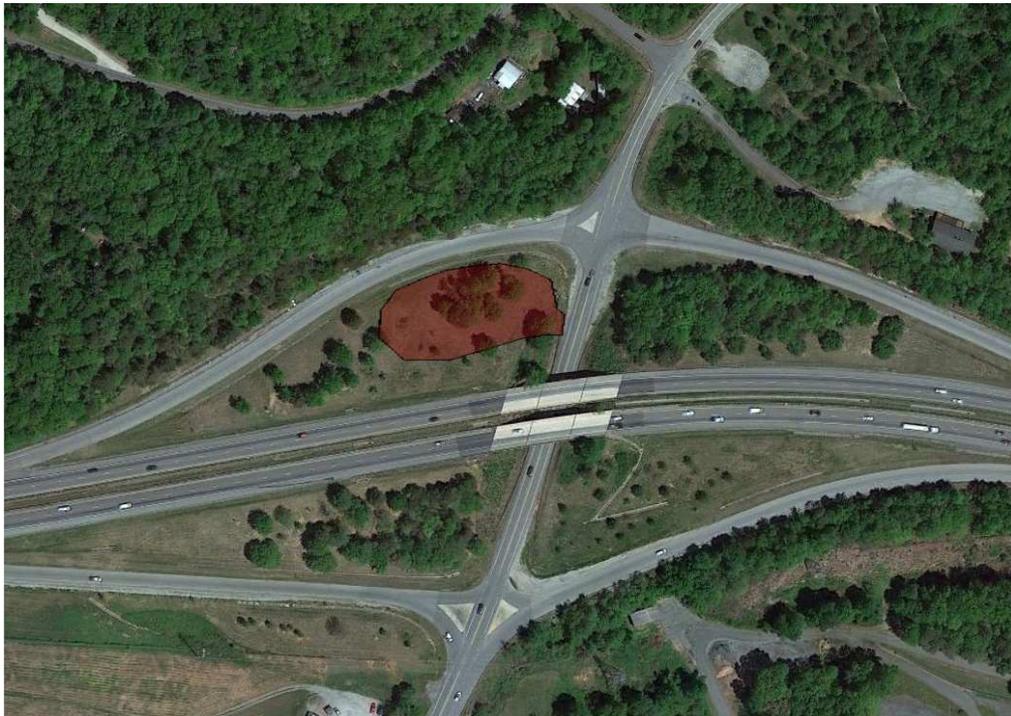


Figure C.10 I-26 WB Welcome Center
Polk County



C.2 I-85 Corridor Assessment

Figure C.11 I-85 SB Welcome Center
Warren County

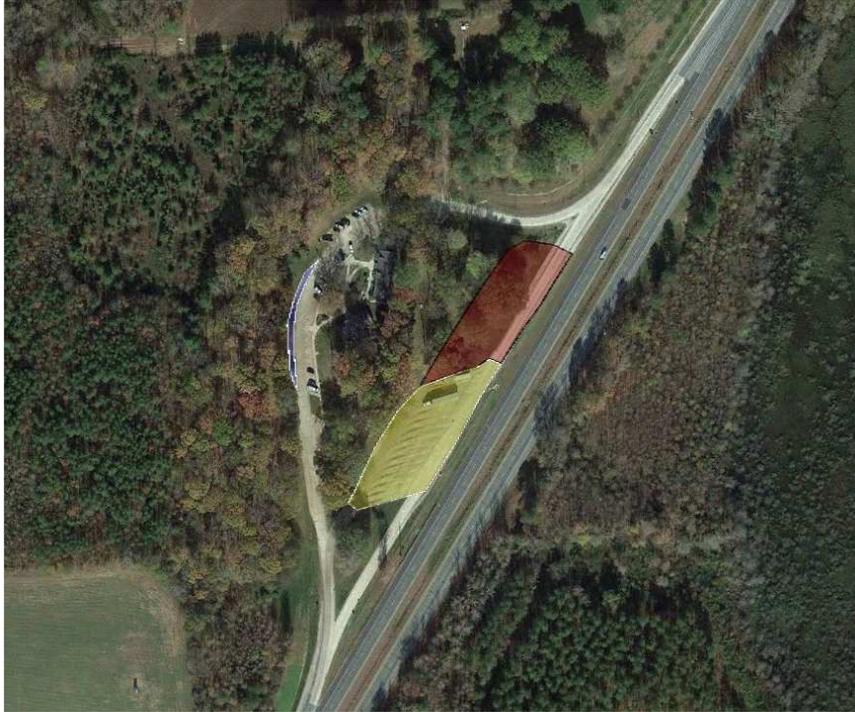


Figure C.12 I-85 at SR 1210
Oine Rd, Warren County



Figure C.13 I-85 at U.S. 1/158
Flemingtown Rd, Vance County



Figure C.14 I-85 at SR 1319
Satterwhite Point Rd, Vance County



Figure C.15 I-85 at SR 1126
Poplar Creek Rd, Vance County



Figure C.16 I-85 at Granville Rest Area
Granville County



Figure C.17 I-85 at SR 1103

Gate #2 Road, Granville County

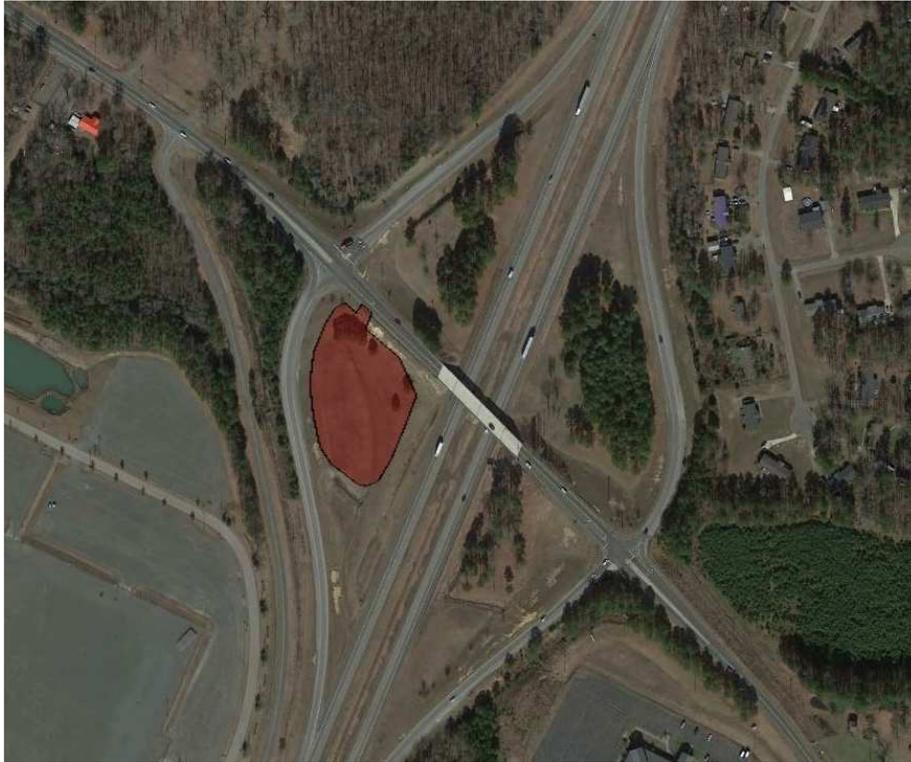


Figure C.18 I-85 at SR 1637

Redwood Rd, Durham County



Figure C.19 I-85 at NC 86
Orange County



Figure C.20 I-85 Weigh Station Orange County
Orange County



Figure C.21 I-85 at SR 1114
Buckhorn Rd, Orange County



Figure C.22 I-85 Alamance Rest Area
Alamance County



Figure C.23 I-85 at SR 3056

Rock Creek Dairy Rd, Guilford County



Figure C.24 I-85 at SR 1005

Alamance Church Rd, Guilford County



Figure C.25 I-85 at SR 1547

Finch Farm Rd, Randolph County



Figure C.26 I-85 at SR 2085

Lake Rd, Davidson County

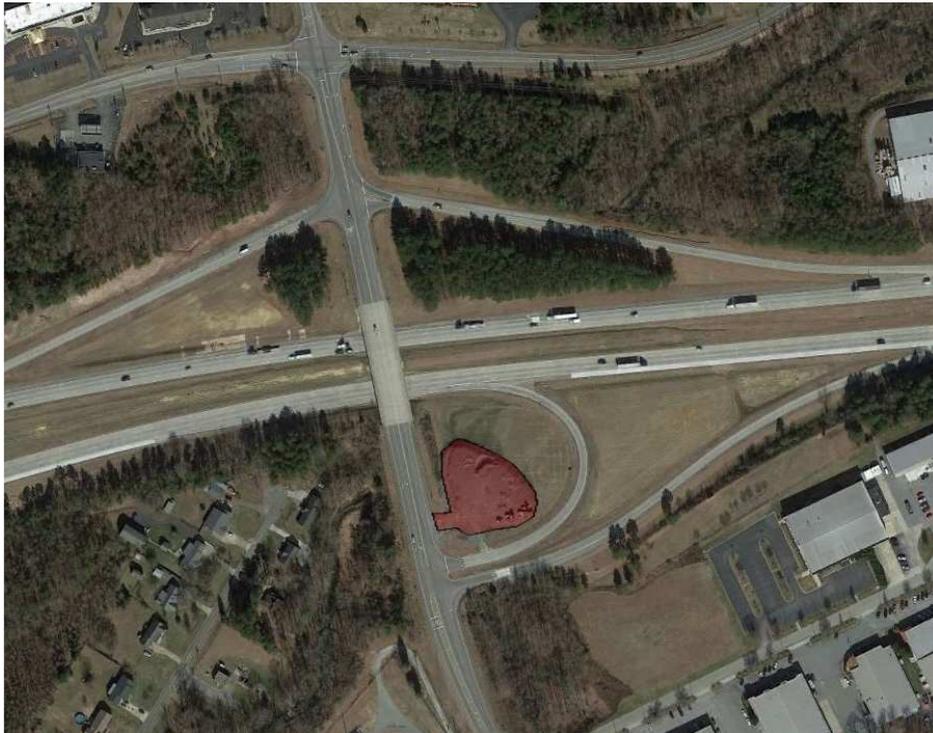


Figure C.27 I-85 SB Davidson Rest Area
Davidson County



Figure C.28 I-85 NB Davidson Rest Area
Davidson County



Figure C.29 I-85 at NC 8
Cotton Grove Rd, Davidson County



Figure C.30 I-85 at NC 47
Hargrave Rd, Davidson County



Figure C.31 I-85 at SR 3159
Belmont Rd, Davidson County



Note: Loop quadrants were looked at for potential truck parking however due to concrete median and cross-street geometry it would be difficult.

Figure C.32 I-85 at SR 2120
Long Ferry Rd, Rowan County



Figure C.33 I-85 at SR 1500
Webb Rd, Rowan County

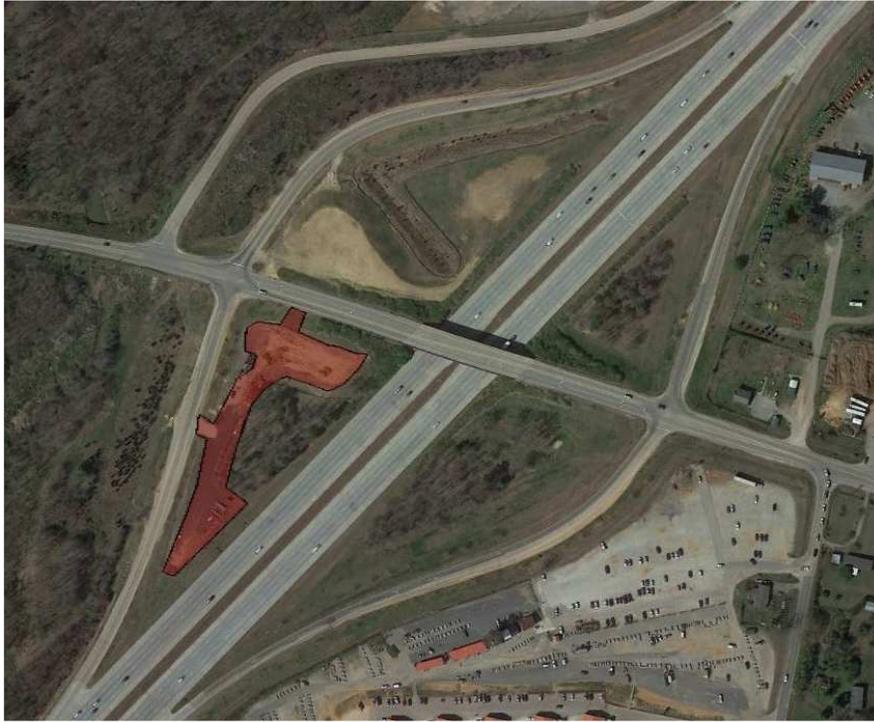


Figure C.34 I-85 at Old Beatty Ford Rd Relocation
Rowan County



Note: Interchange currently being built (i-3804) which could accommodate truck lots in the loops postconstruction.

Figure C.35 I-85 at SR 2126
Copperfield Blvd, Cabarrus County



Figure C.36 I-85 SB Cabarrus Rest Area
Cabarrus County



Figure C.37 I-85 NB Cabarrus Rest Area
Cabarrus County



Figure C.38 I-85 Weigh Station Mecklenburg County
Mecklenburg County



Figure C.39 I-85 NB Weigh Station Gaston County
Gaston County

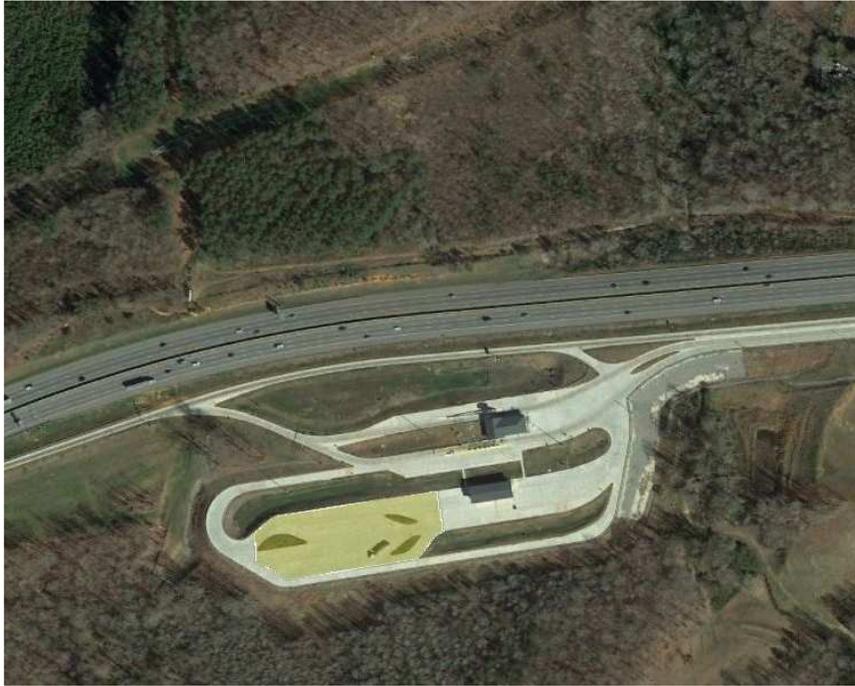


Figure C.40 I-85 at NC 161
York Rd, Cleveland County



Figure C.41 I-85 SB North of SR 2305
Dixon School Rd, Cleveland County



Figure C.42 I-85 NB Welcome Center
Cleveland County



Figure C.43 I-85 at NC 216
Battleground Rd, Cleveland County

