

Welcome to the 1st Open House for the Danville MPO 2045 Long Range Transportation Plan

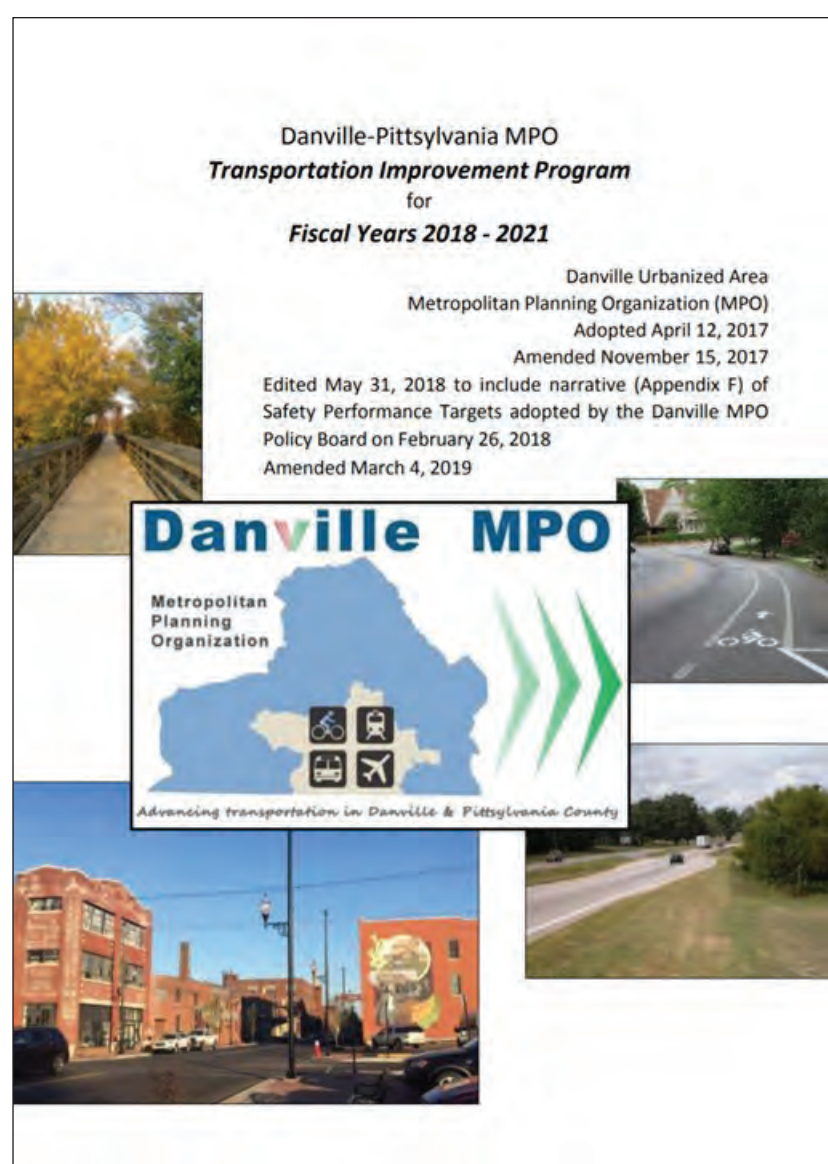
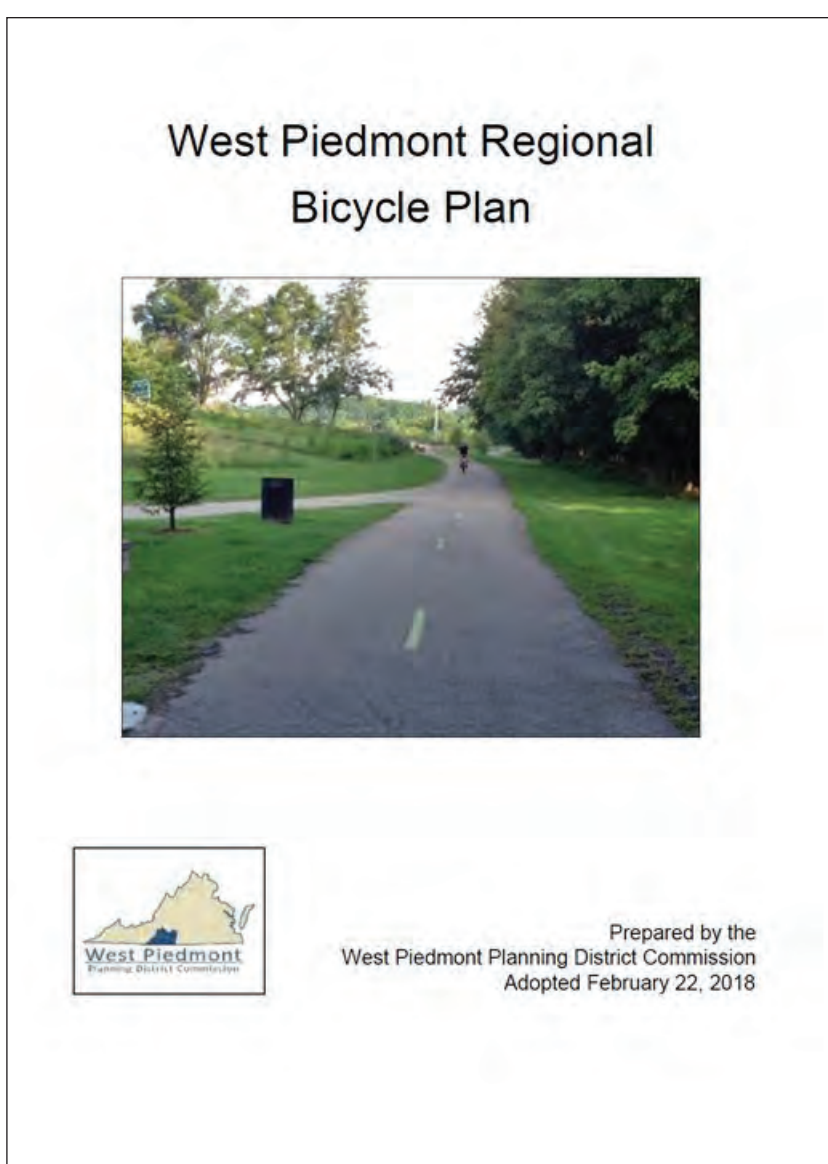


We will use your input to guide investment in the area's transportation projects in the coming years to shape our region's future, together.

Thank you for attending.



This builds on previous efforts and other planning documents to develop recommendations on improving the area's transportation system. Some of the previous and related projects include the following documents:



This effort brings together the following organizations along with the public:



Danville Metropolitan Planning Organization



West Piedmont Planning District Commission



Virginia Department of Transportation



Virginia Department of Rail and Public Transportation



EPR, PC



Pittsylvania County



City of Danville

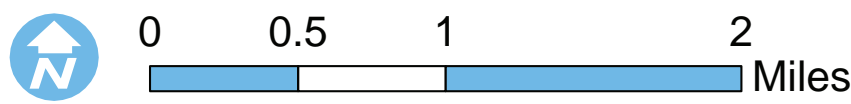
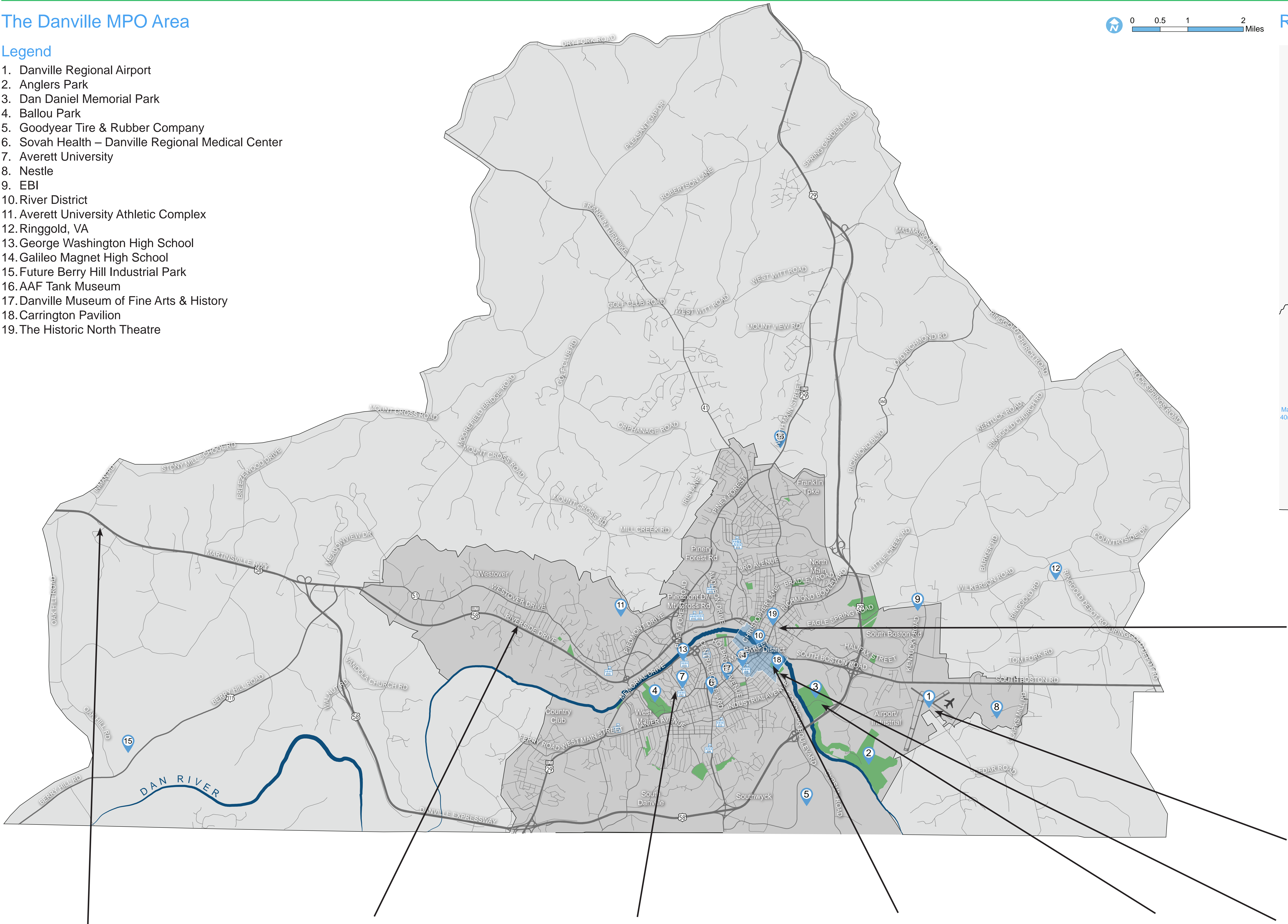


For more information, visit the project website at www.danvillempo2045.com, or hold you smartphone camera up to the QR code to the right.

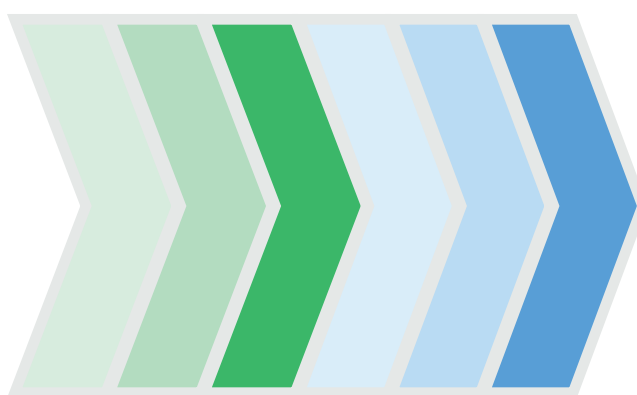
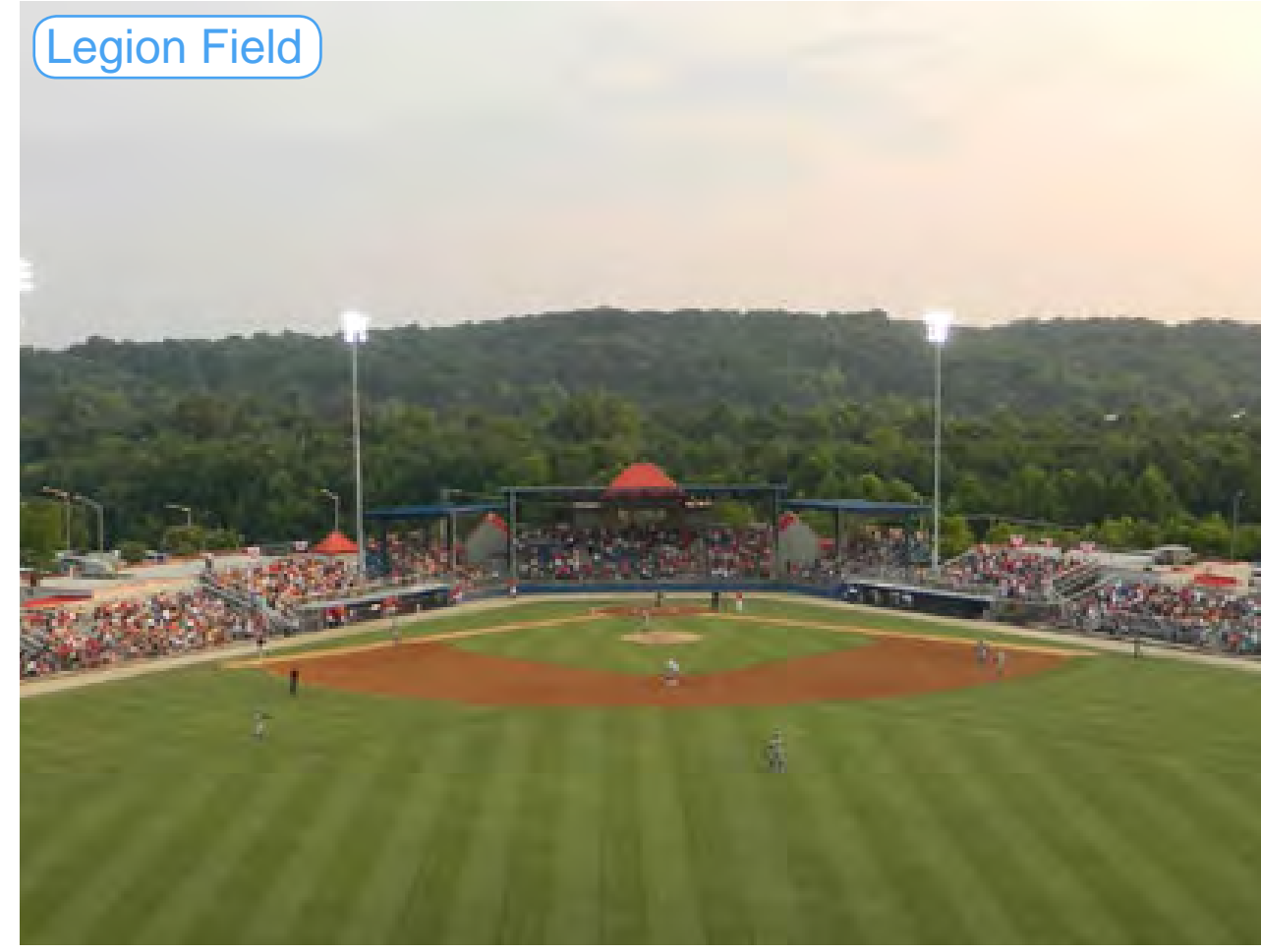
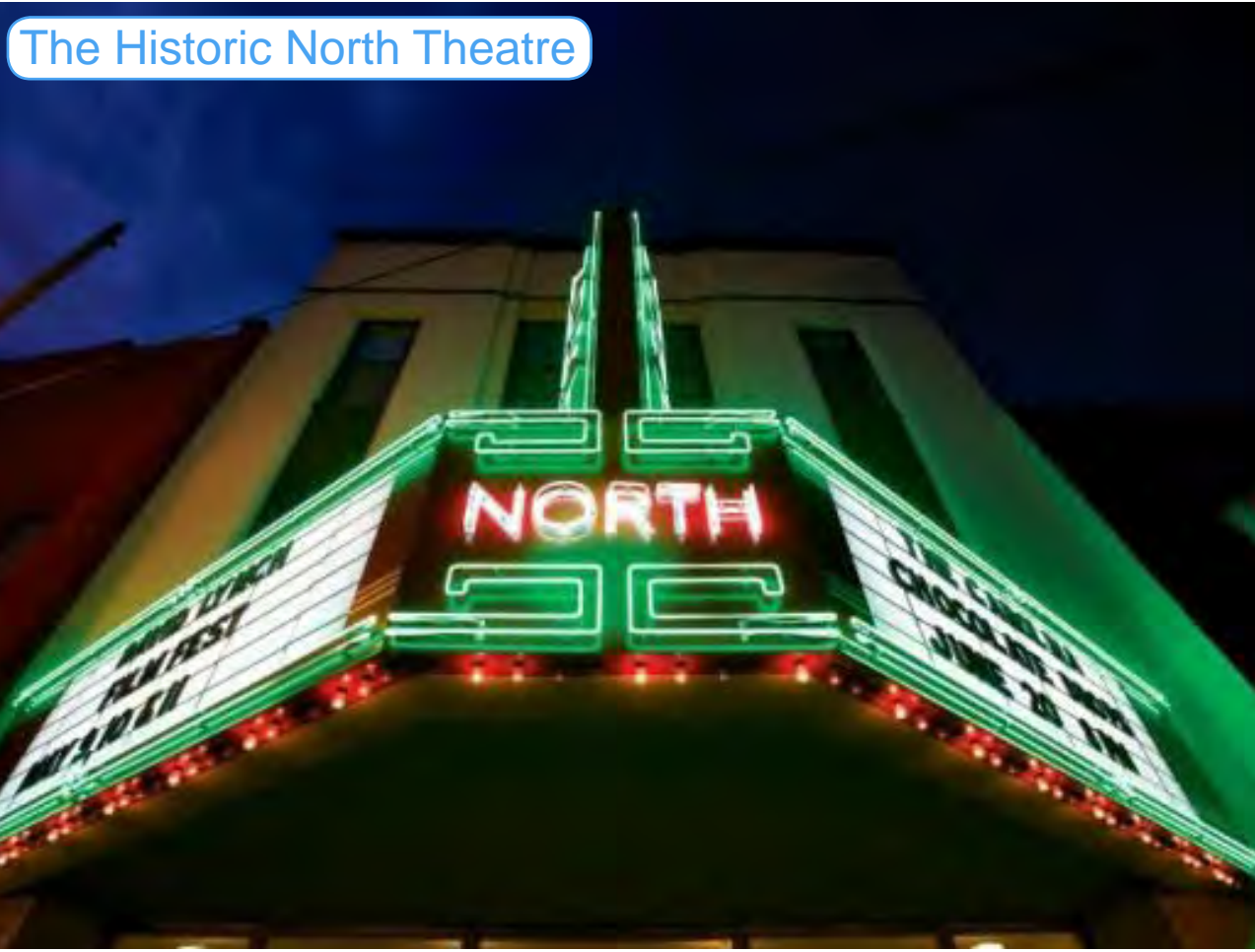
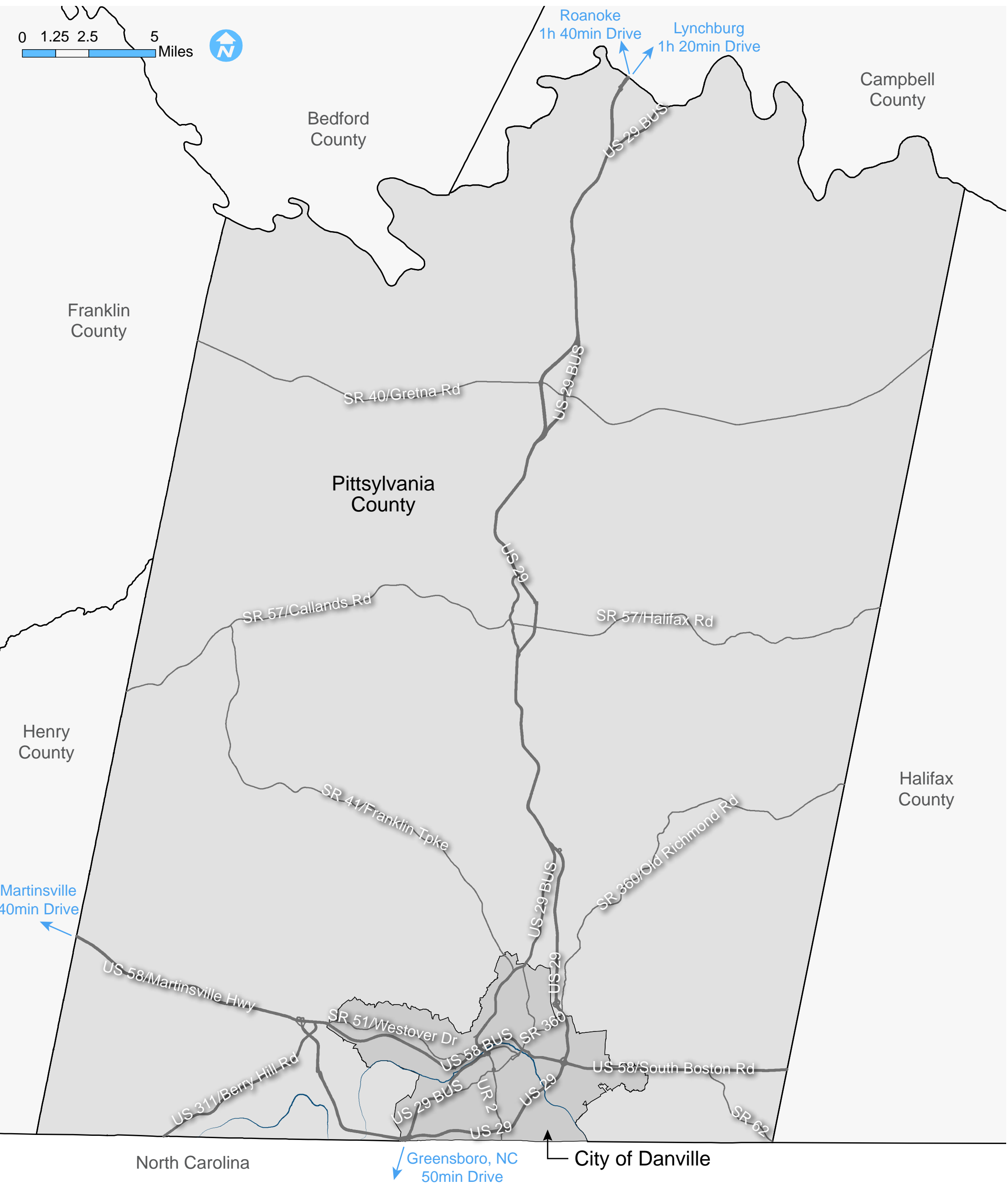


The Danville MPO Area

- Legend
- 1. Danville Regional Airport
 - 2. Anglers Park
 - 3. Dan Daniel Memorial Park
 - 4. Ballou Park
 - 5. Goodyear Tire & Rubber Company
 - 6. Sovah Health – Danville Regional Medical Center
 - 7. Averett University
 - 8. Nestle
 - 9. EBI
 - 10. River District
 - 11. Averett University Athletic Complex
 - 12. Ringgold, VA
 - 13. George Washington High School
 - 14. Galileo Magnet High School
 - 15. Future Berry Hill Industrial Park
 - 16. AAF Tank Museum
 - 17. Danville Museum of Fine Arts & History
 - 18. Carrington Pavilion
 - 19. The Historic North Theatre



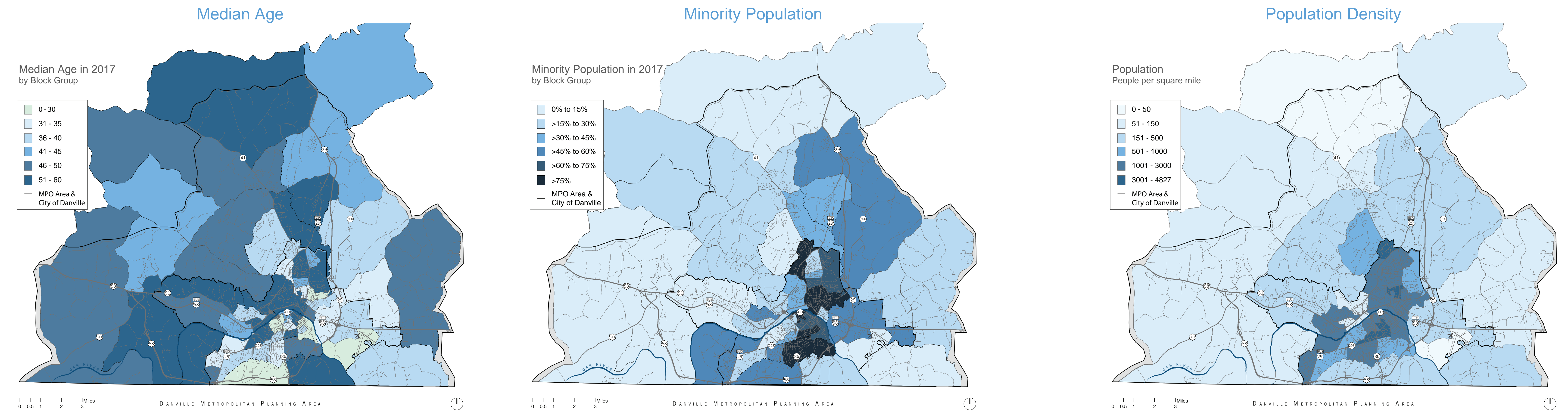
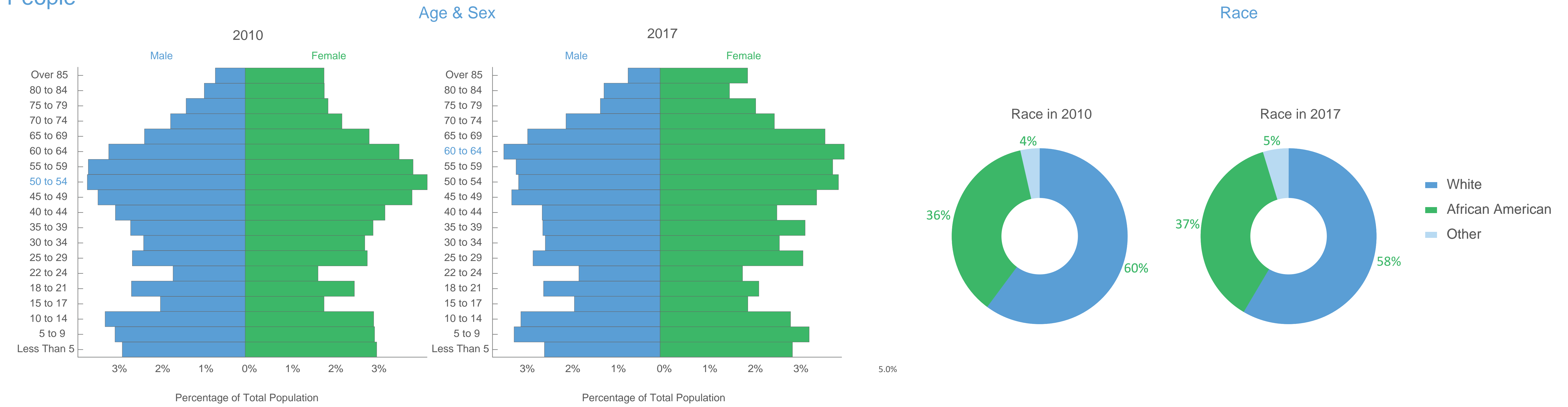
Regional Connections



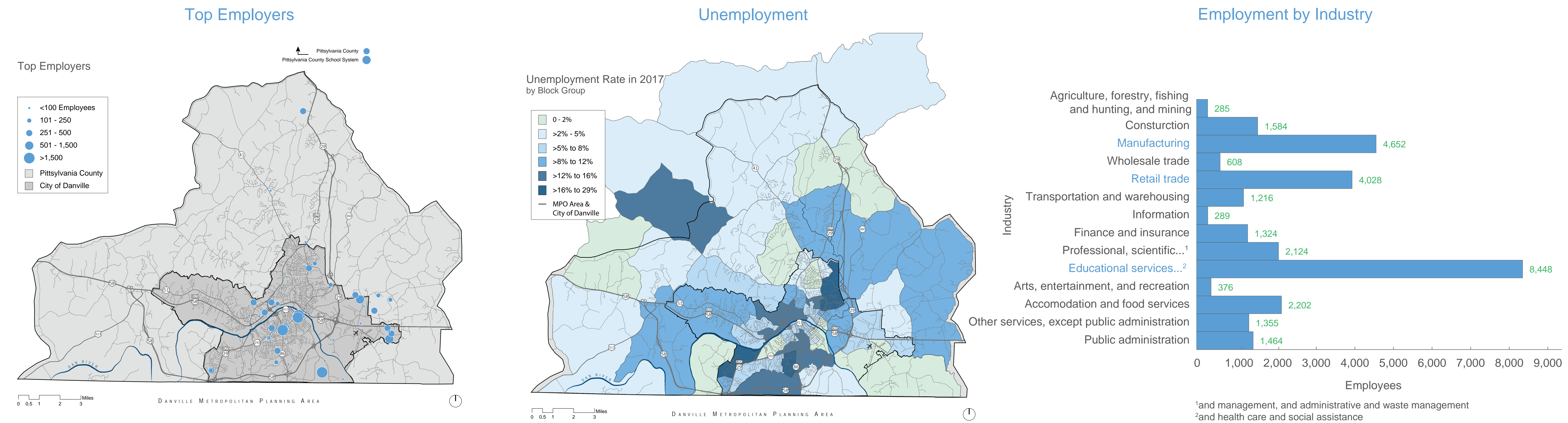
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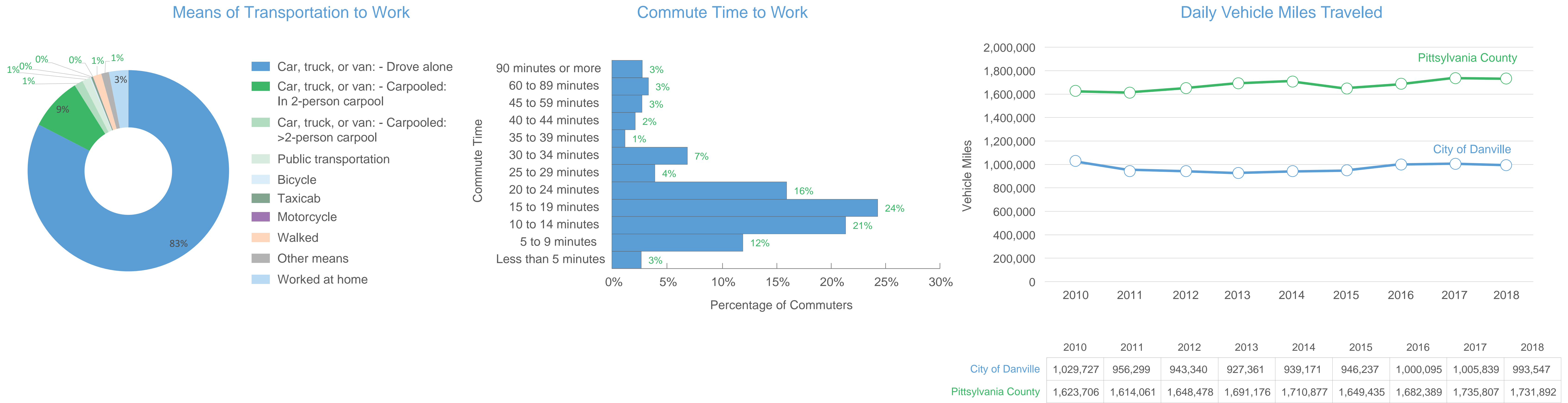
People

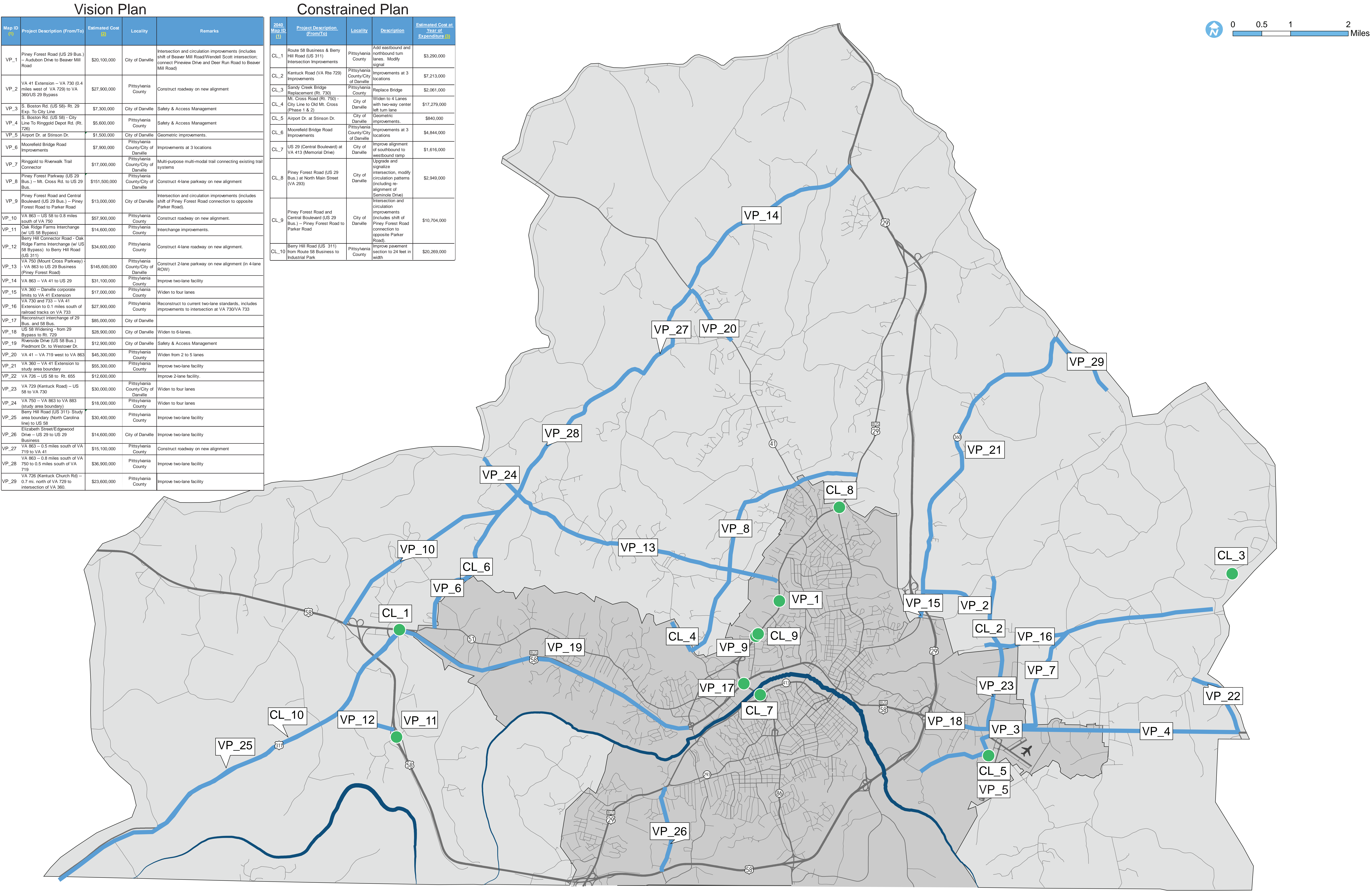


Economy



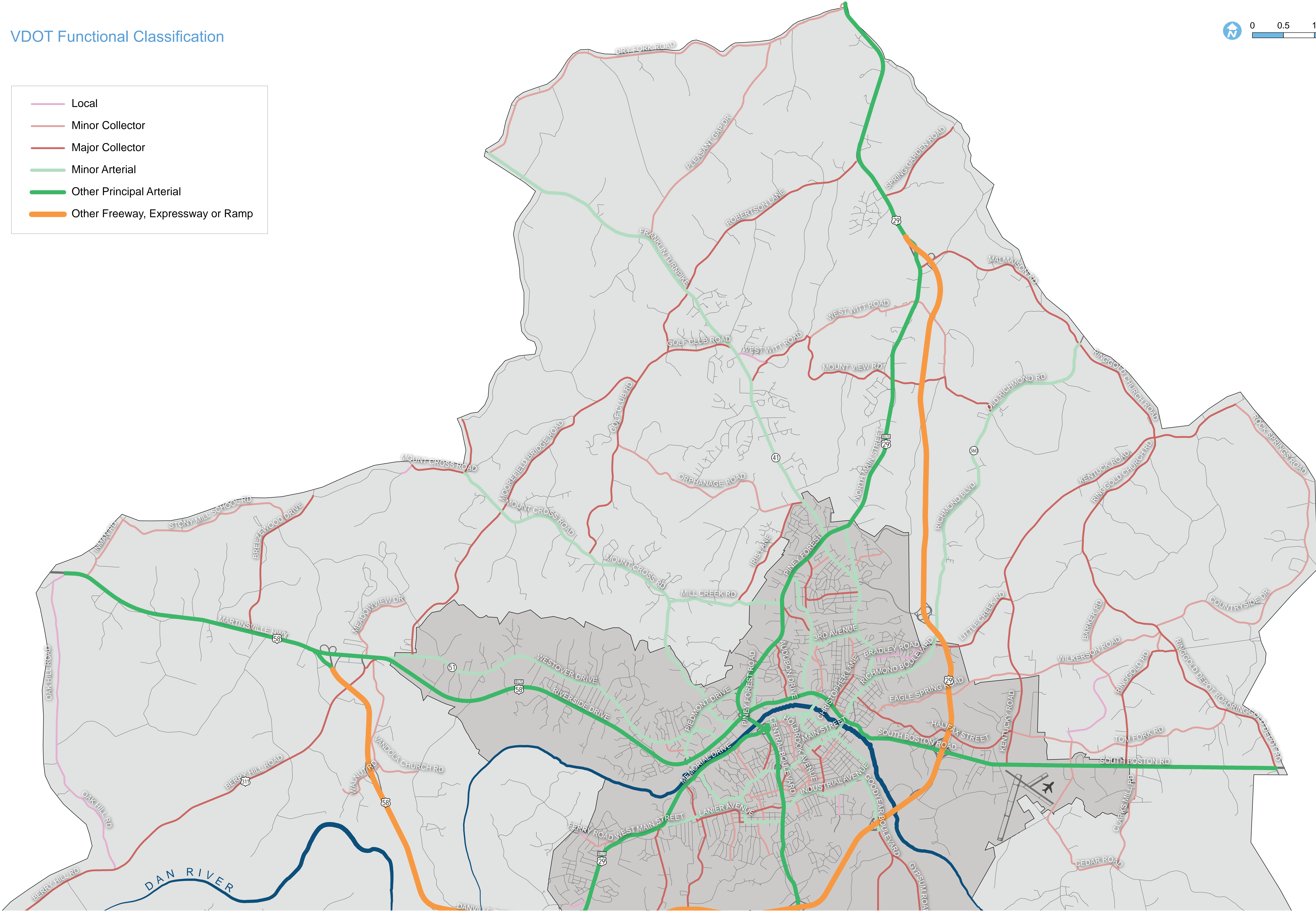
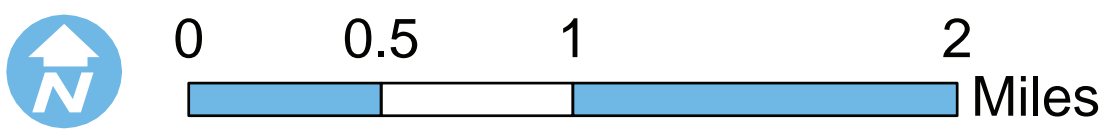
Commuting





VDOT Functional Classification

- Local
- Minor Collector
- Major Collector
- Minor Arterial
- Other Principal Arterial
- Other Freeway, Expressway or Ramp

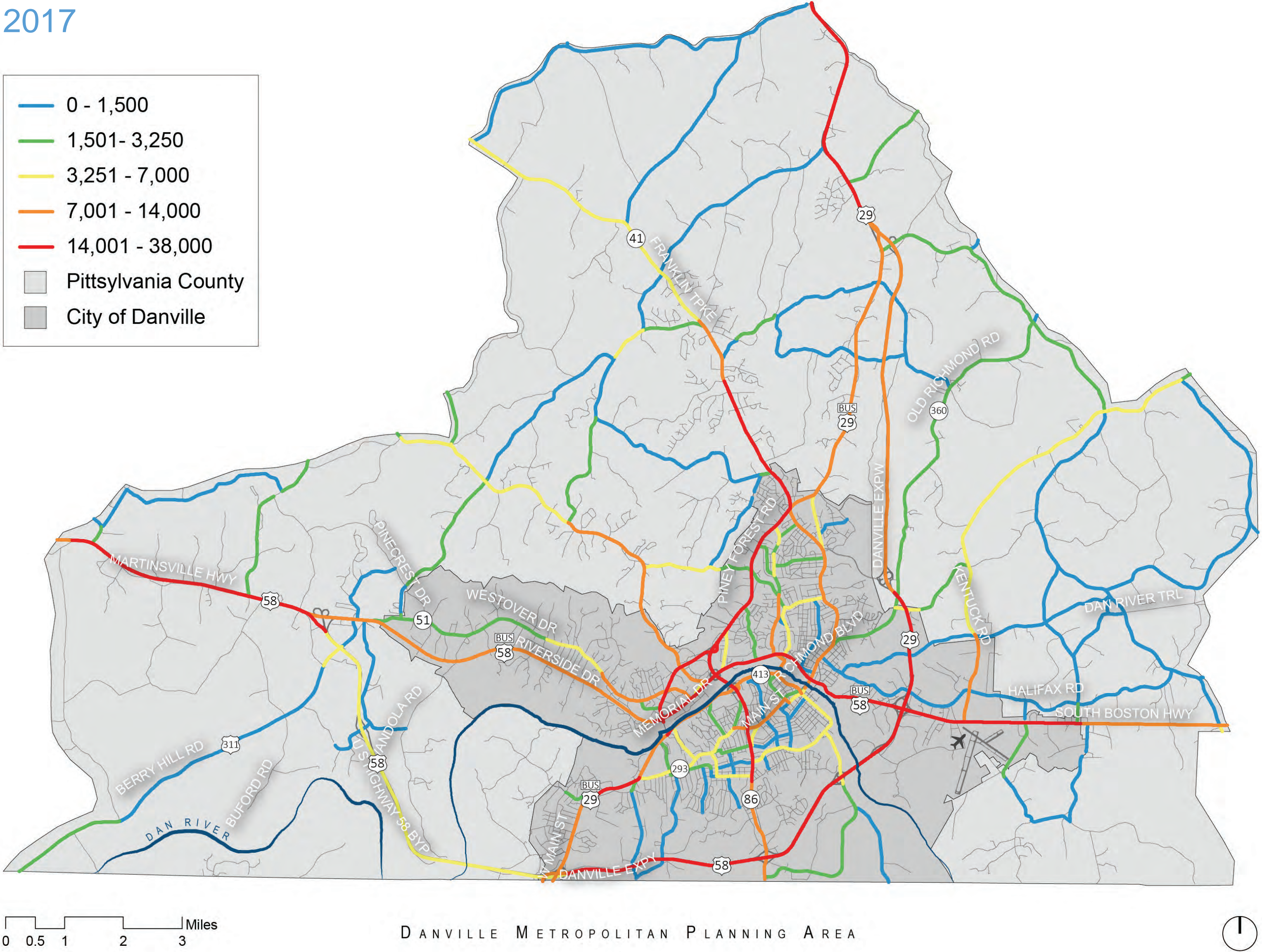


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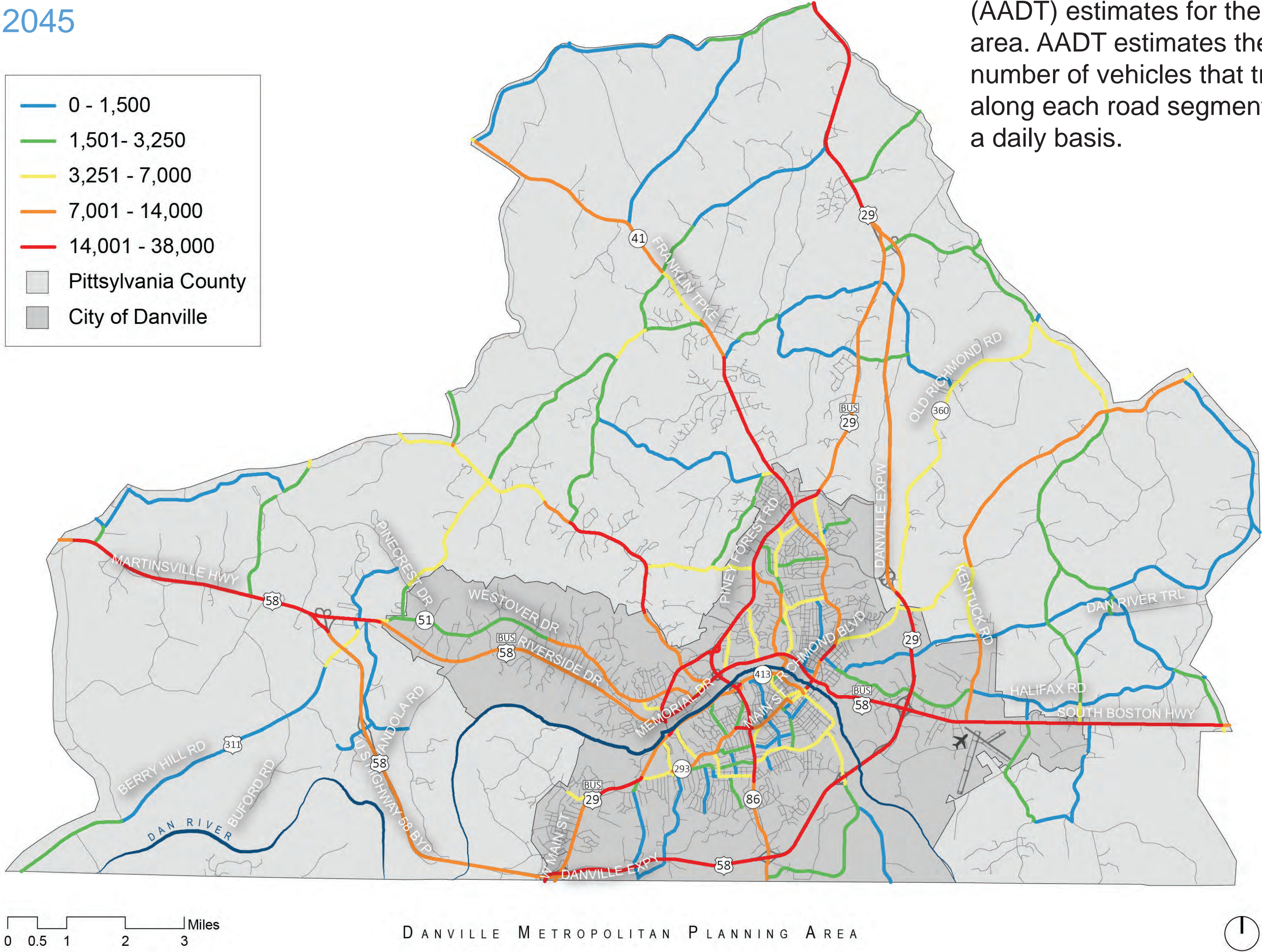


Vehicle Volumes

2017



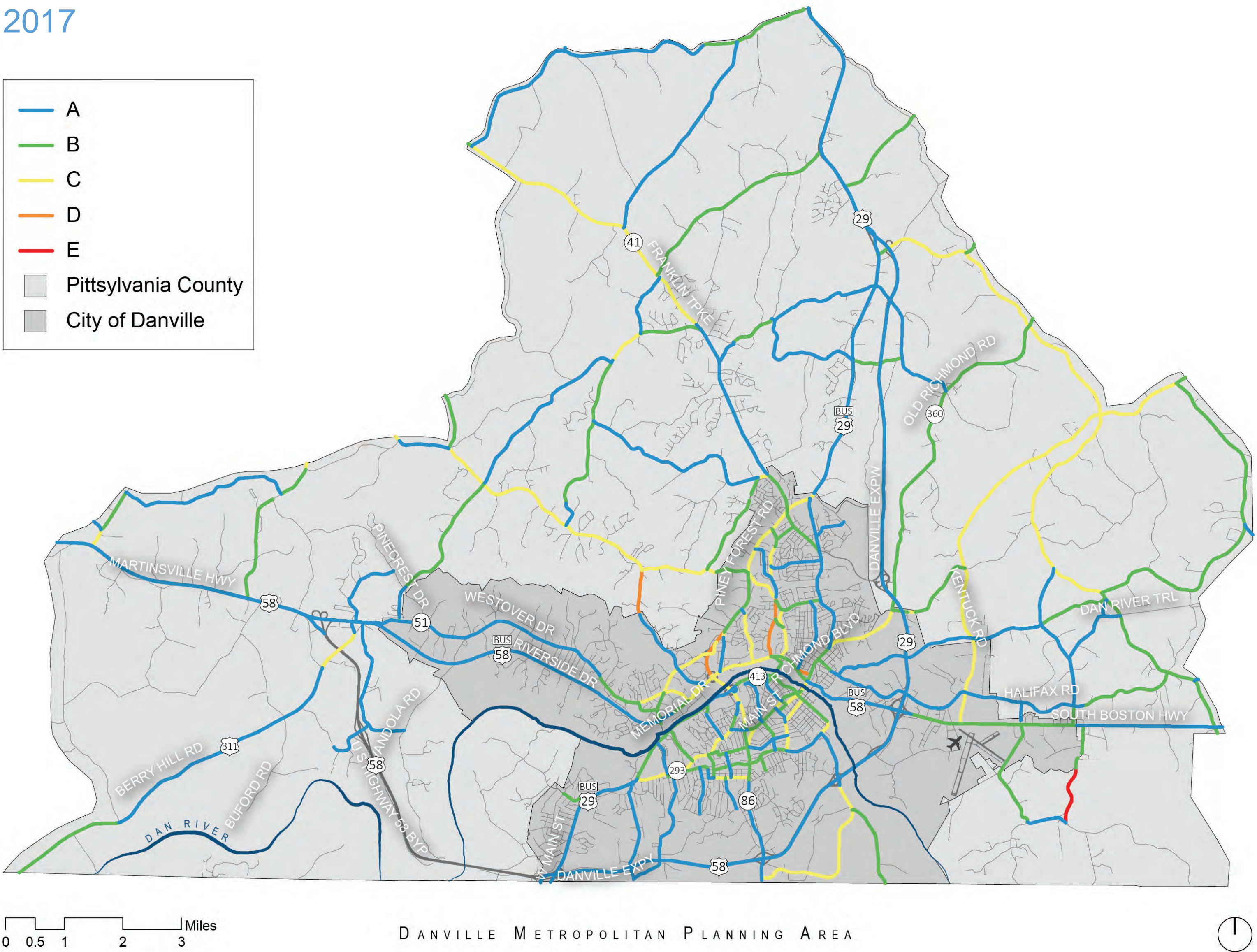
2045



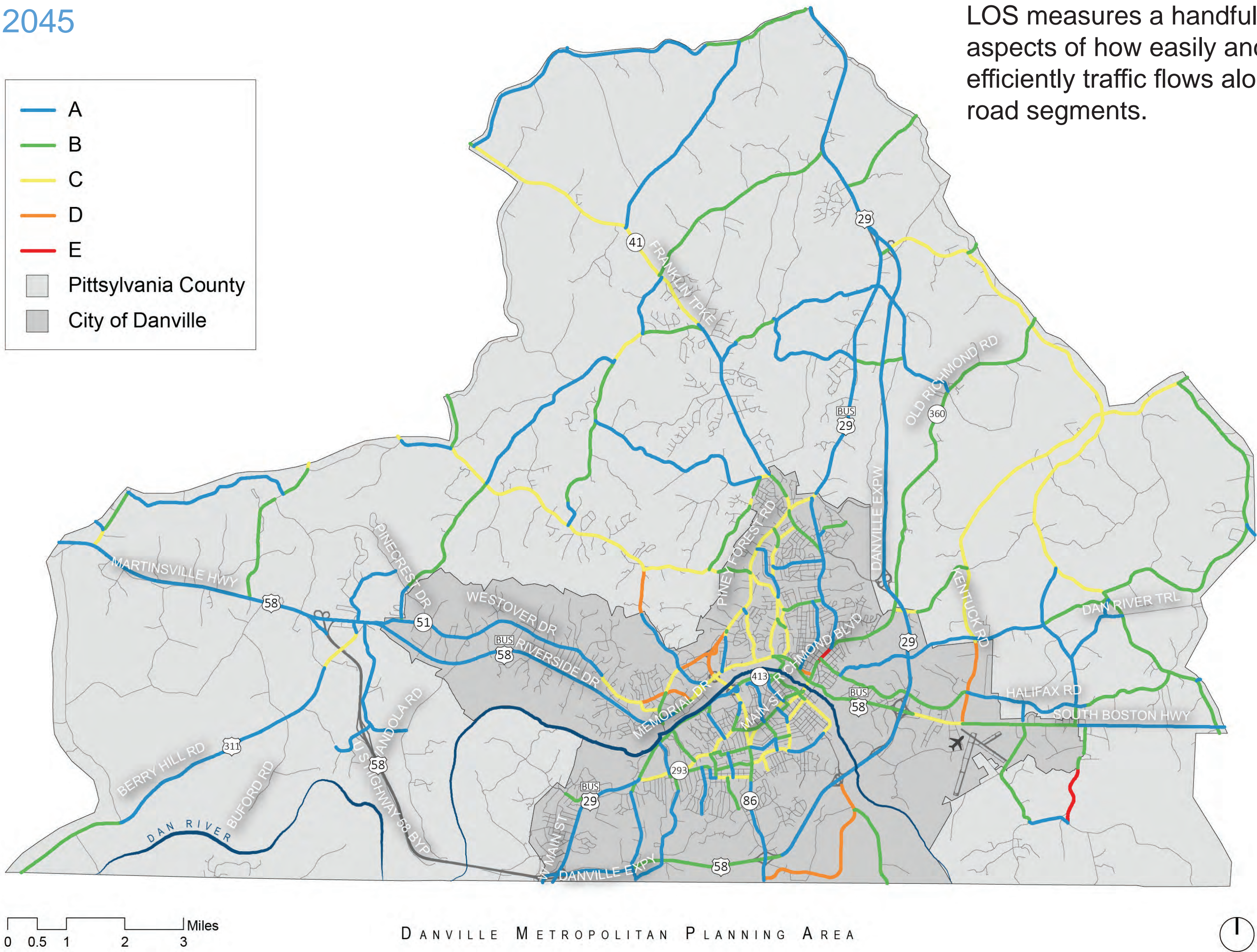
These maps show the Average Annual Daily Traffic (AADT) estimates for the area. AADT estimates the number of vehicles that travel along each road segment on a daily basis.

Level of Service

2017



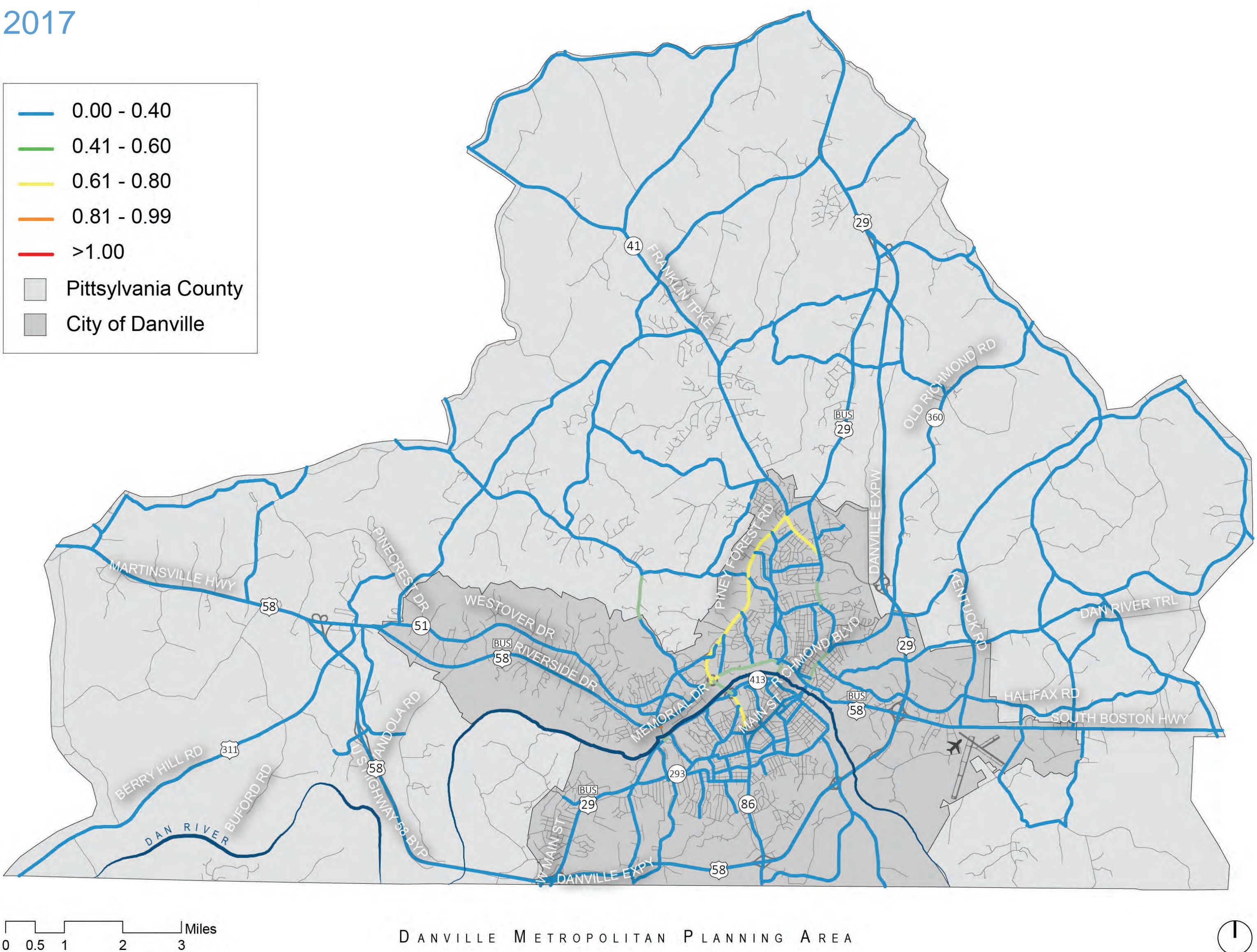
2045



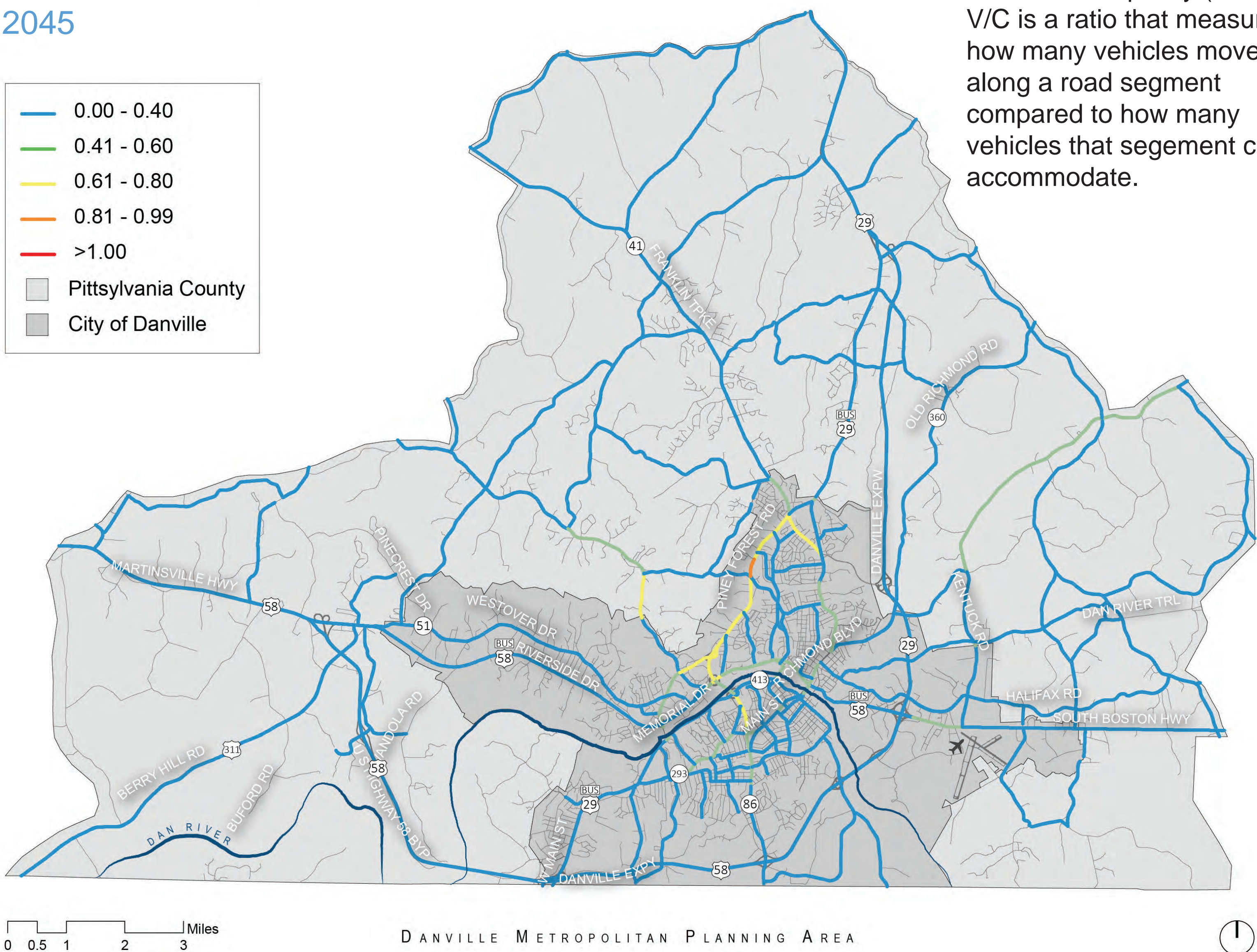
These maps show the Level of Service (LOS). LOS measures a handful of aspects of how easily and efficiently traffic flows along road segments.

Volume Over Capacity

2017



2045

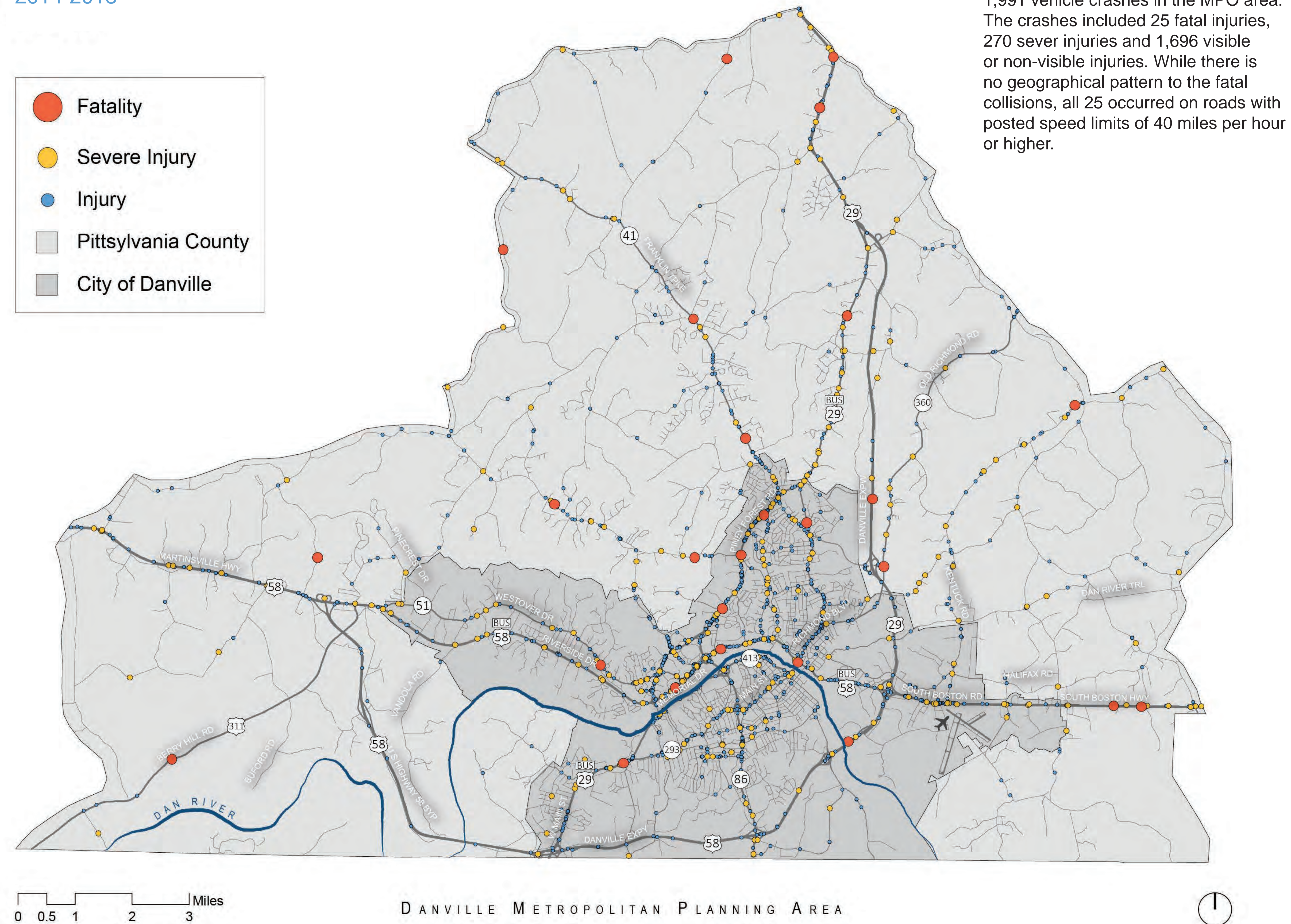
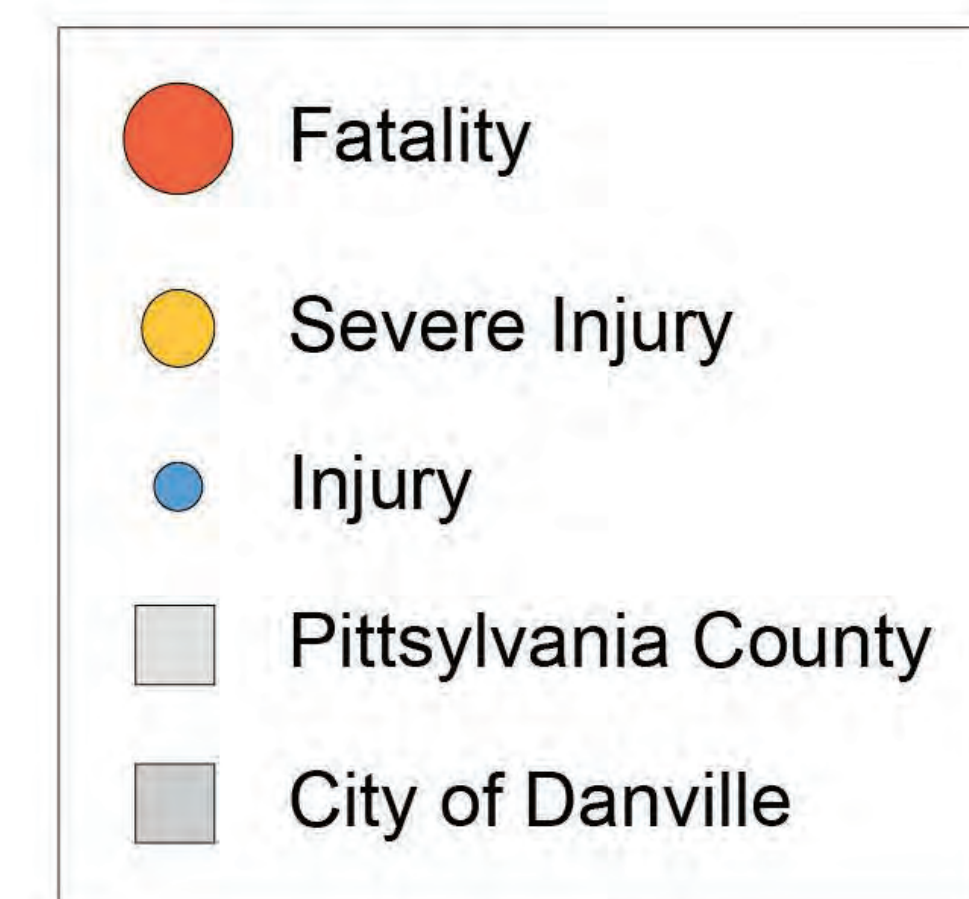


These maps show the Volume-to-Capacity (V/C). V/C is a ratio that measures how many vehicles move along a road segment compared to how many vehicles that segment can accommodate.



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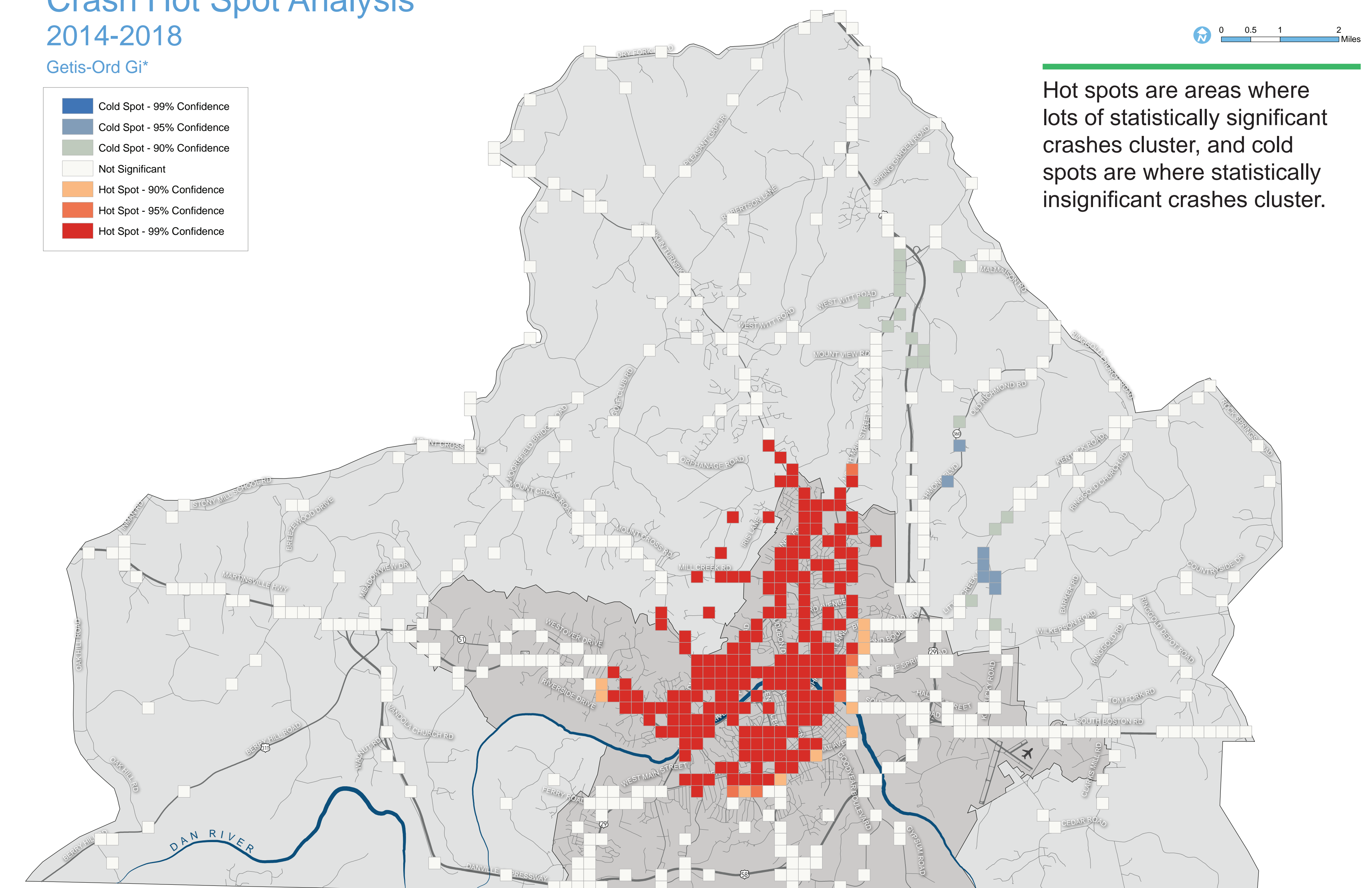
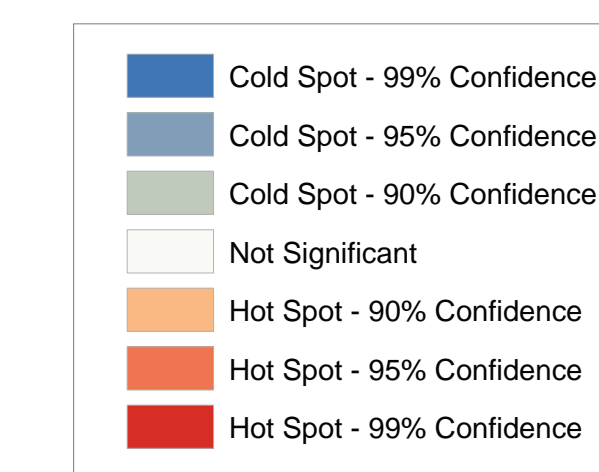




Between 2014 and 2018 VDOT reported 1,991 vehicle crashes in the MPO area. The crashes included 25 fatal injuries, 270 severe injuries and 1,696 visible or non-visible injuries. While there is no geographical pattern to the fatal collisions, all 25 occurred on roads with posted speed limits of 40 miles per hour or higher.

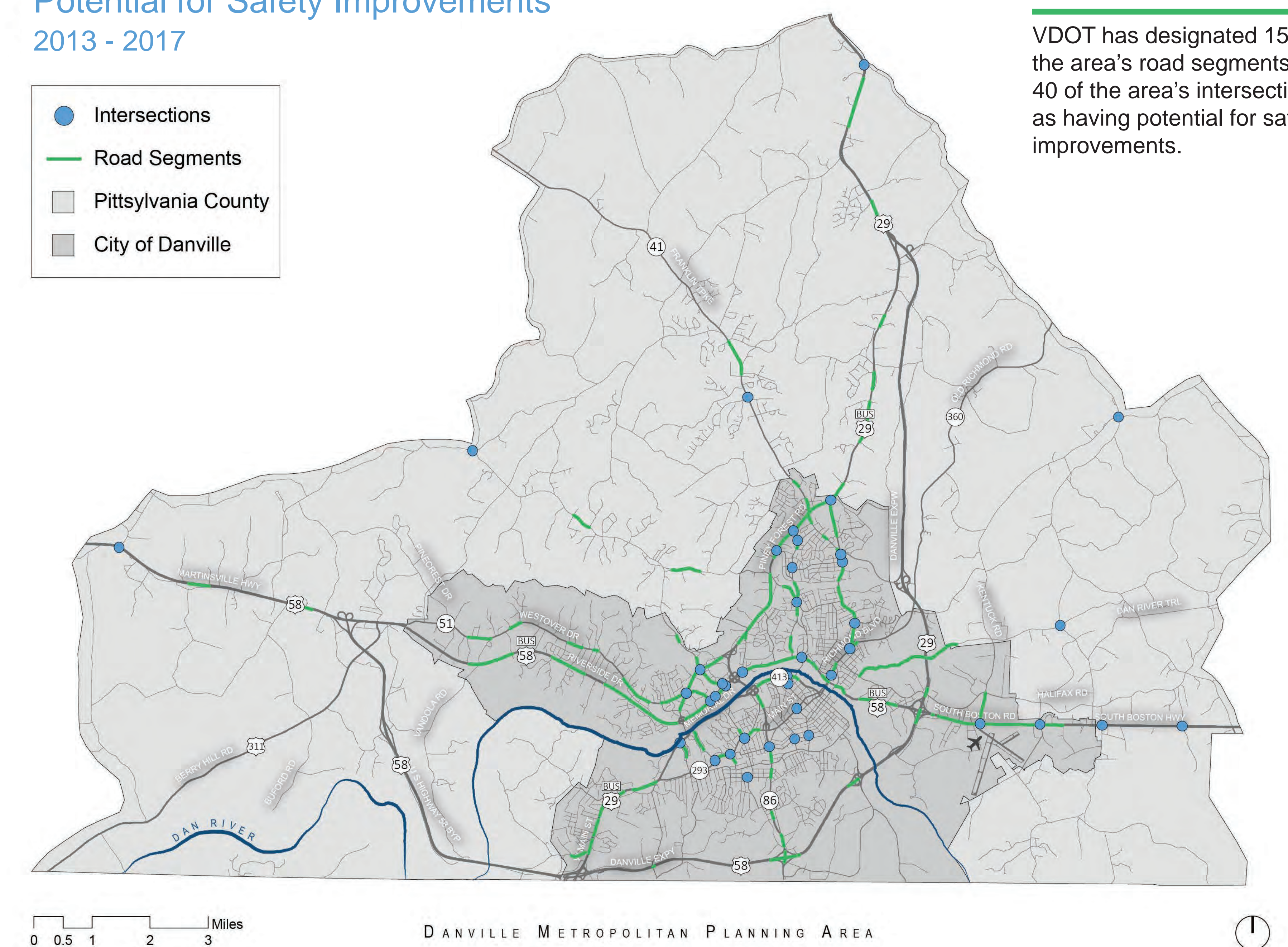
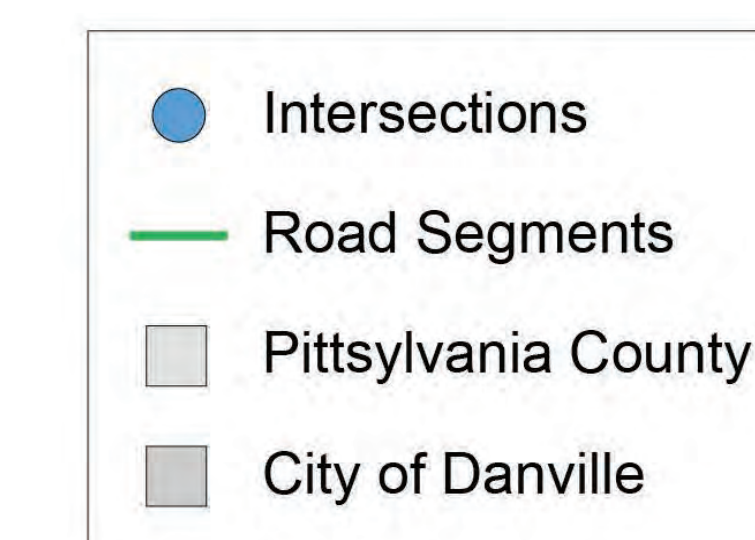
Getis-Ord G_i^*

Getis-Ord G_i^*



Hot spots are areas where lots of statistically significant crashes cluster, and cold spots are where statistically insignificant crashes cluster.

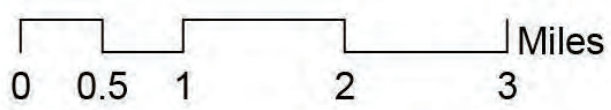
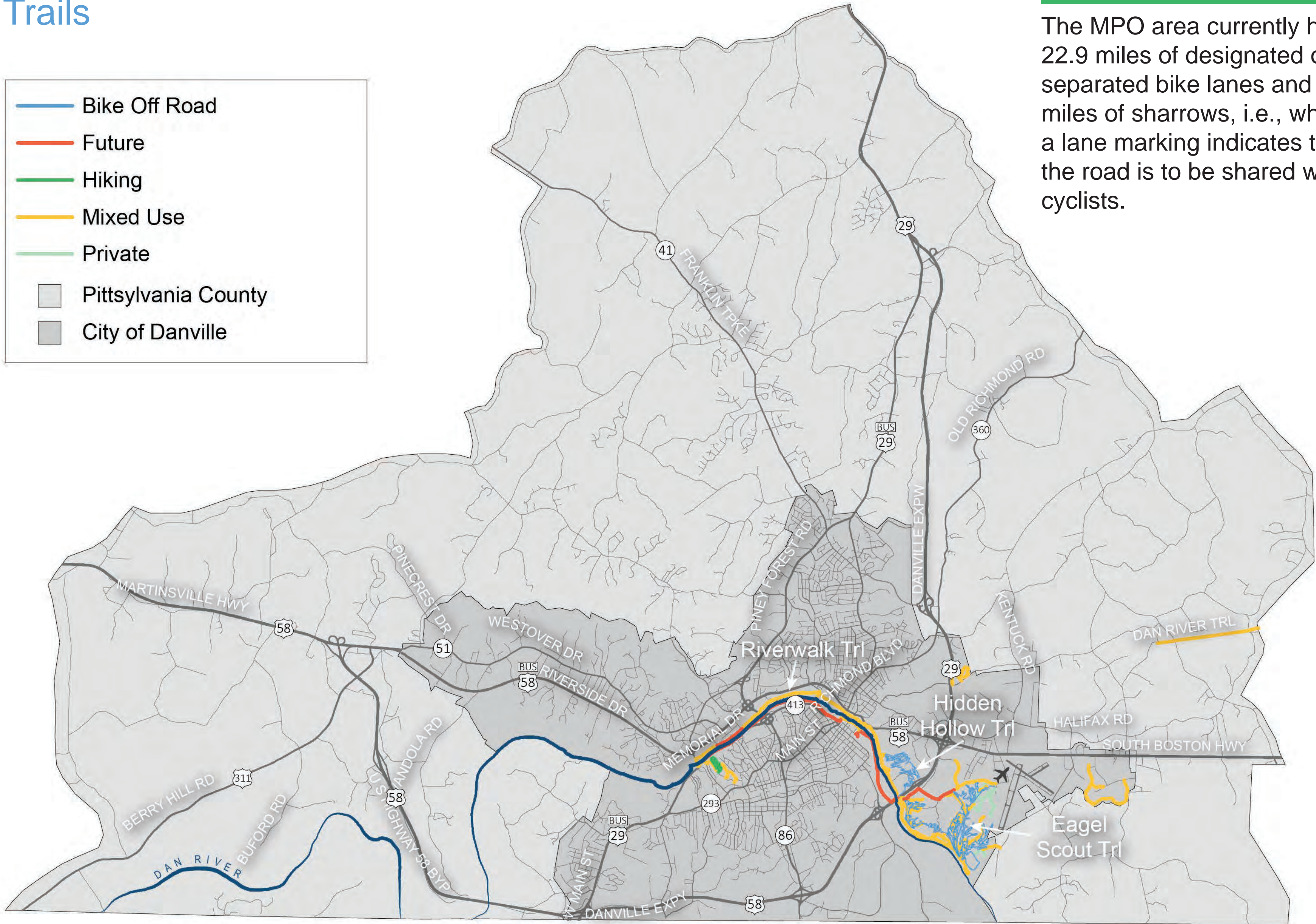
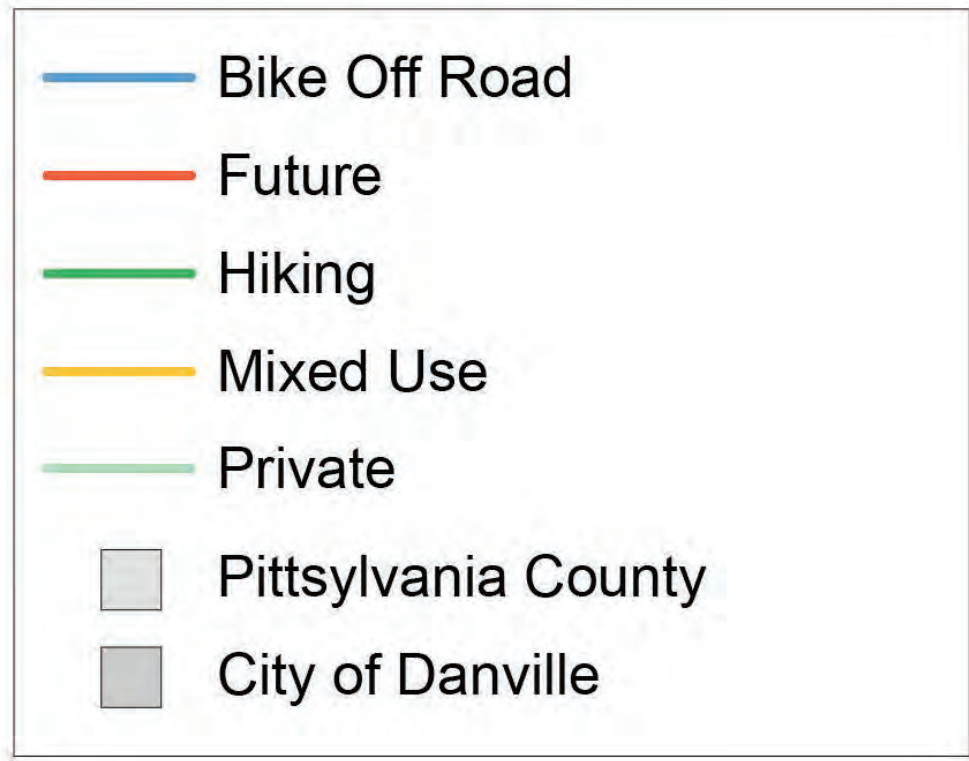
2013 - 2017



VDOT has designated 152 of the area's road segments and 40 of the area's intersections as having potential for safety improvements.



Trails

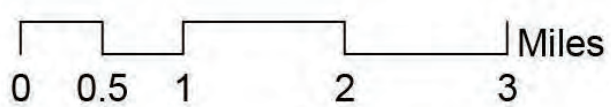
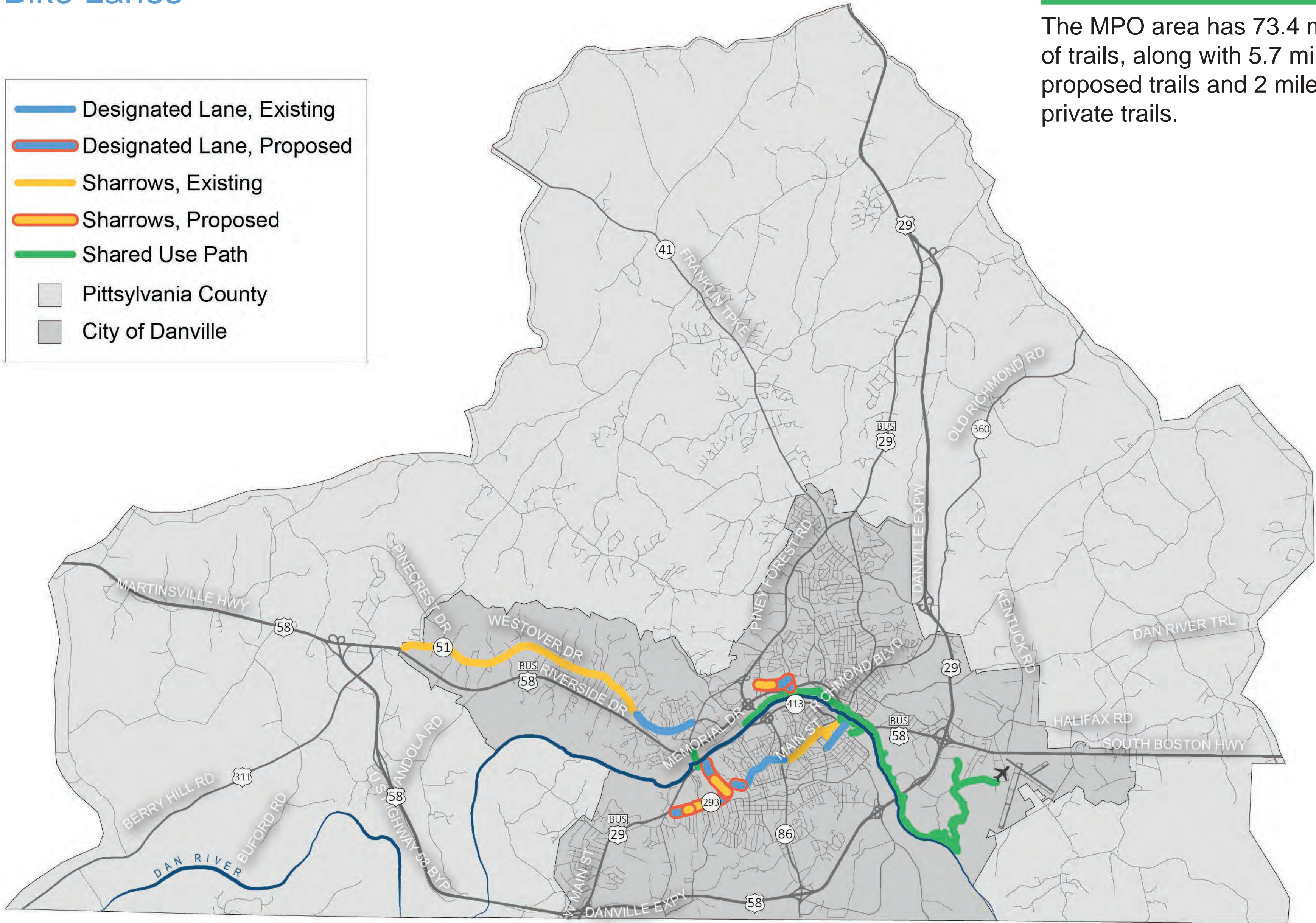


DANVILLE METROPOLITAN PLANNING AREA



The MPO area currently has 22.9 miles of designated or separated bike lanes and 14.1 miles of sharrows, i.e., where a lane marking indicates that the road is to be shared with cyclists.

Bike Lanes

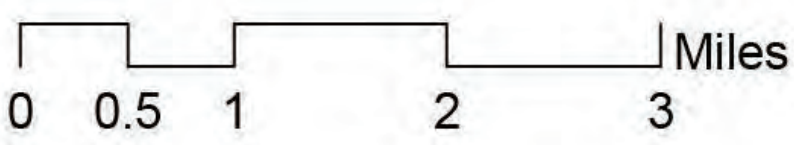
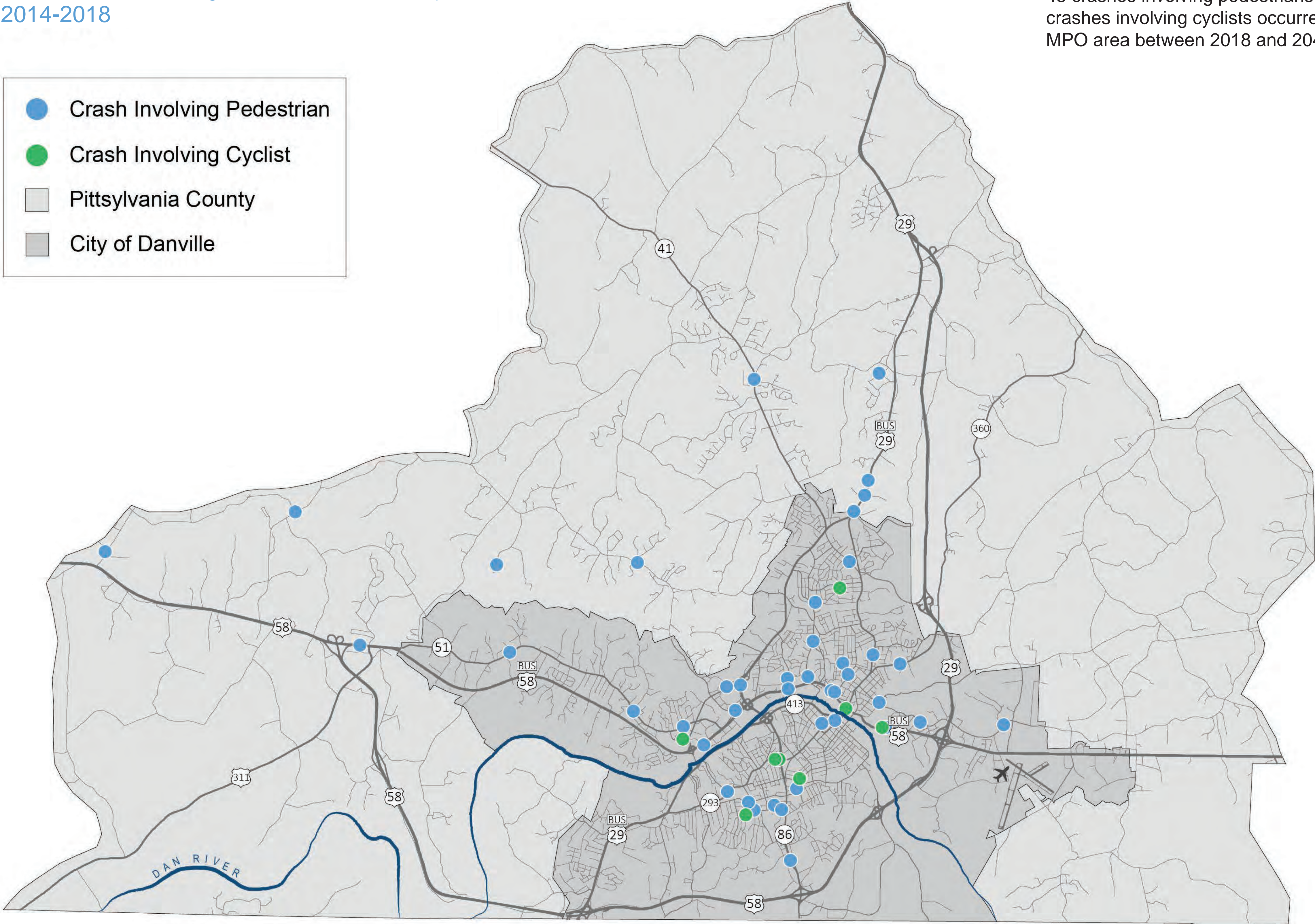


DANVILLE METROPOLITAN PLANNING AREA



The MPO area has 73.4 miles of trails, along with 5.7 miles of proposed trails and 2 miles of private trails.

Crashes Involving Pedestrians or Cyclists
2014-2018



DANVILLE METROPOLITAN PLANNING AREA



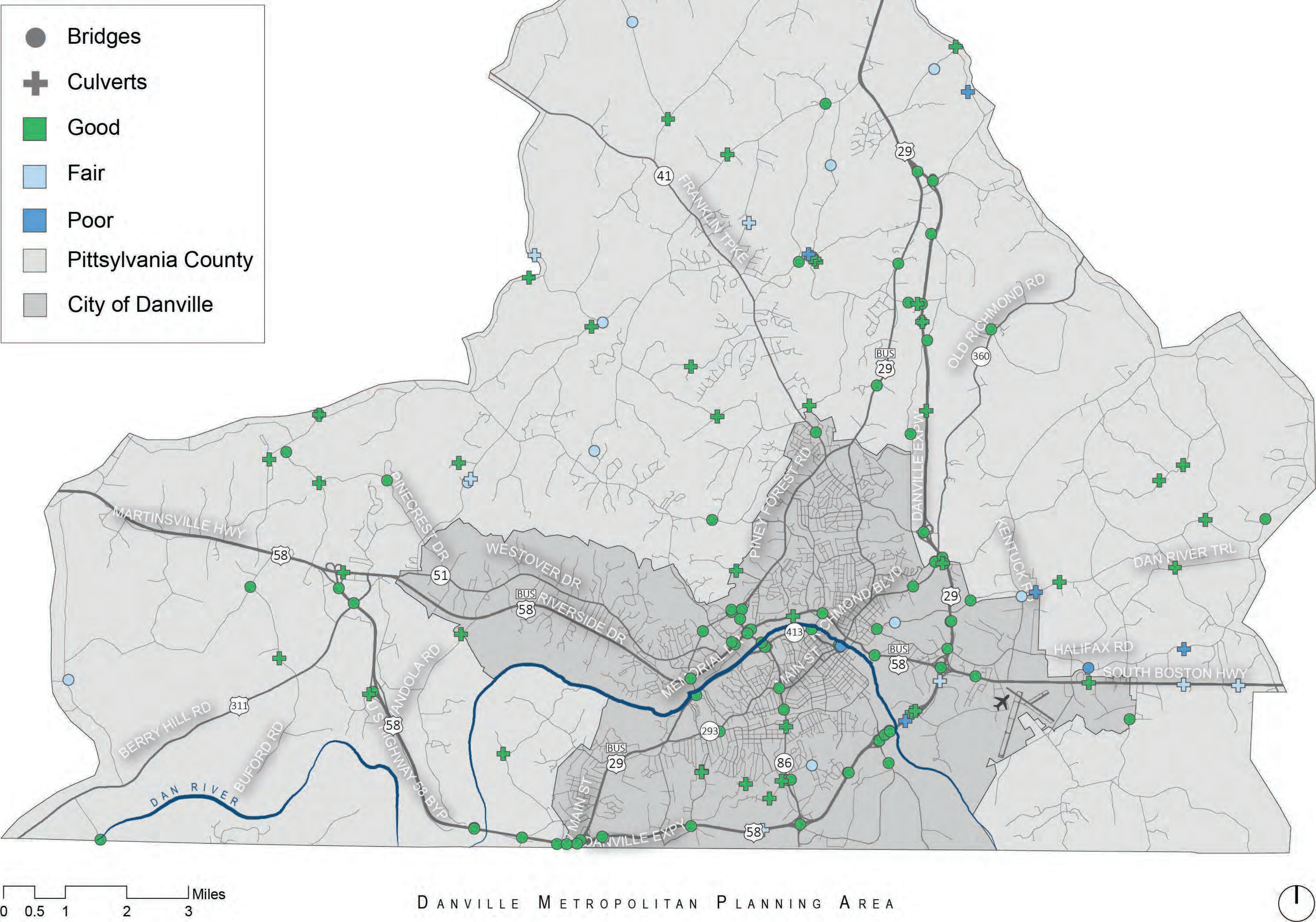
45 crashes involving pedestrians and 8 crashes involving cyclists occurred in the MPO area between 2018 and 2045.



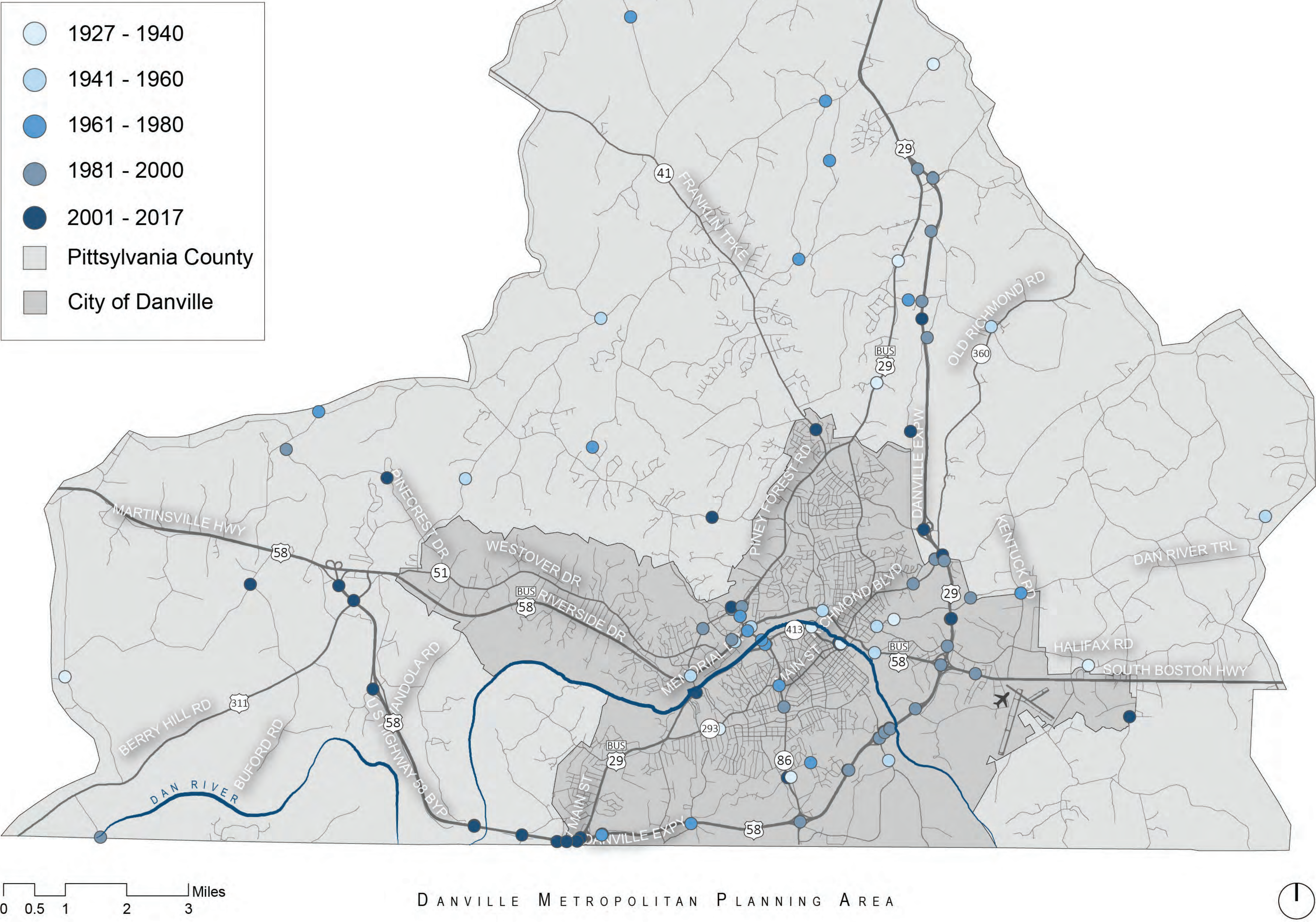
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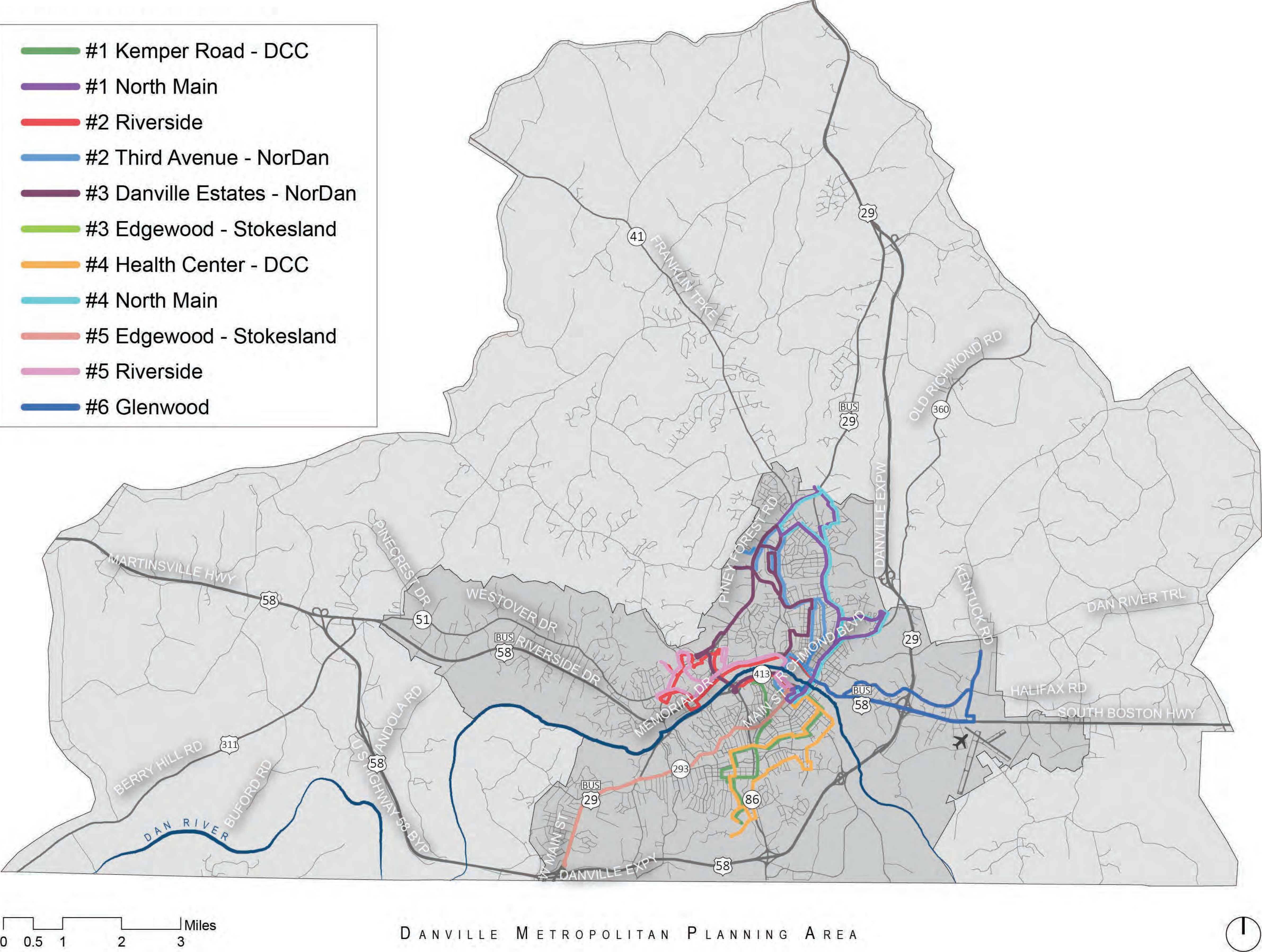
General Condition Rating



Year Built
Just bridges

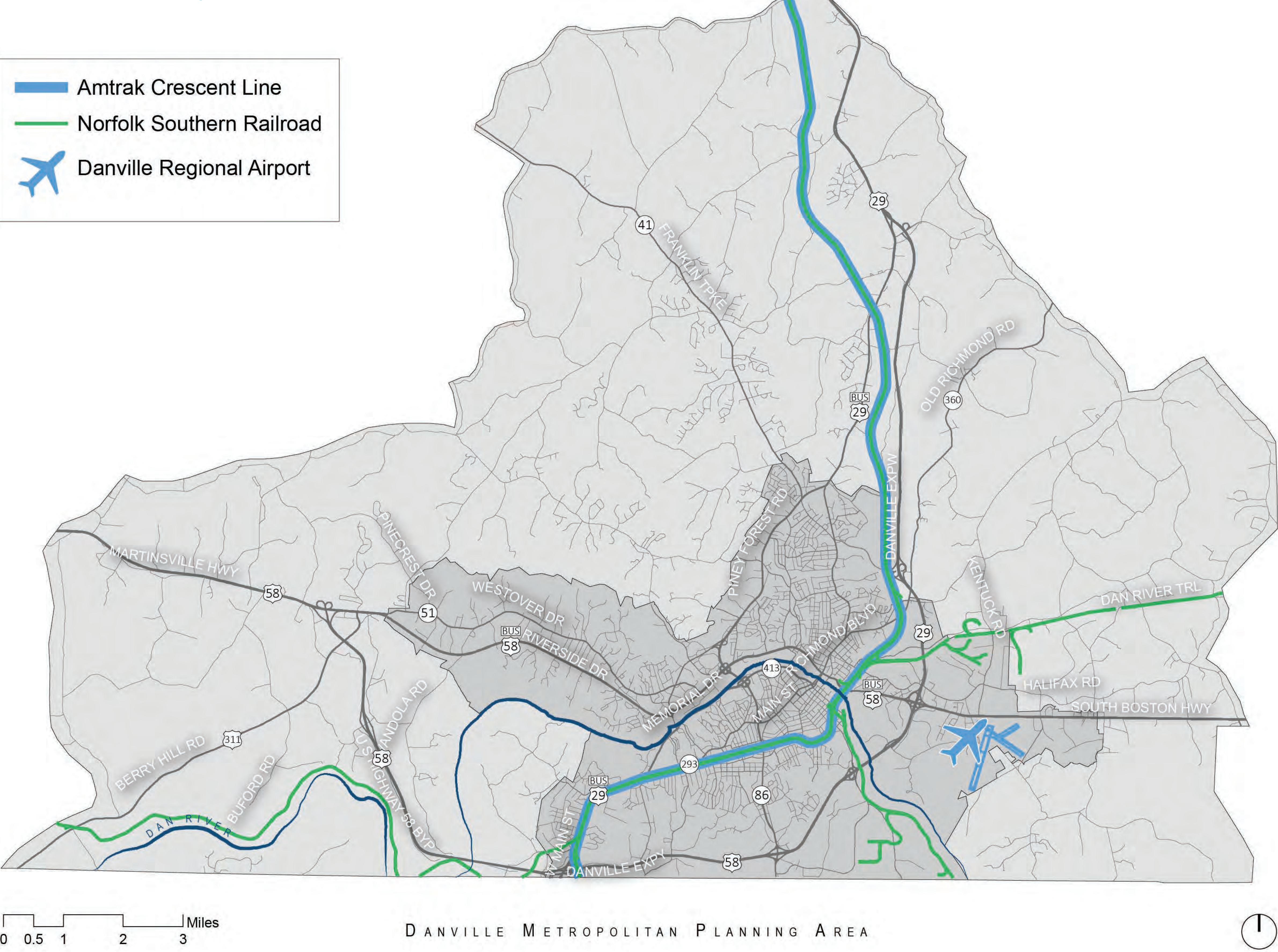


Danville Bus Routes



Danville Transit provides a wide variety of services including fixed route, handivan, reserve-a-ride, and senior transportation services.

Railroads and Airport



Danville Regional Airport
The airport first became operational in October 1937. The airport is publicly owned by the City of Danville. It currently has two operating runways, runway 2/20 and 13/31/ Runway 2/20 has the dimension of 5900 x 100 ft with a grooved asphalt surface in good condition. Runway 13/31 has the dimensions of 3910 x 100 ft with an asphalt surface in poor condition.

Amtrak Crescent Line
The 2,500-mile crescent corridor spans 11 states, from NY to Louisiana and Tennessee. In Virginia, it includes NS Track parallel to I-81 (Winchester – Roanoke – Bristol) and a second route parallel to U.S. 29 (Front Royal – Manassas – Lynchburg-Danville). The Crescent Corridor is a primary freight route for intermodal traffic moving through Virginia. The Amtrak station was constructed in 1899.