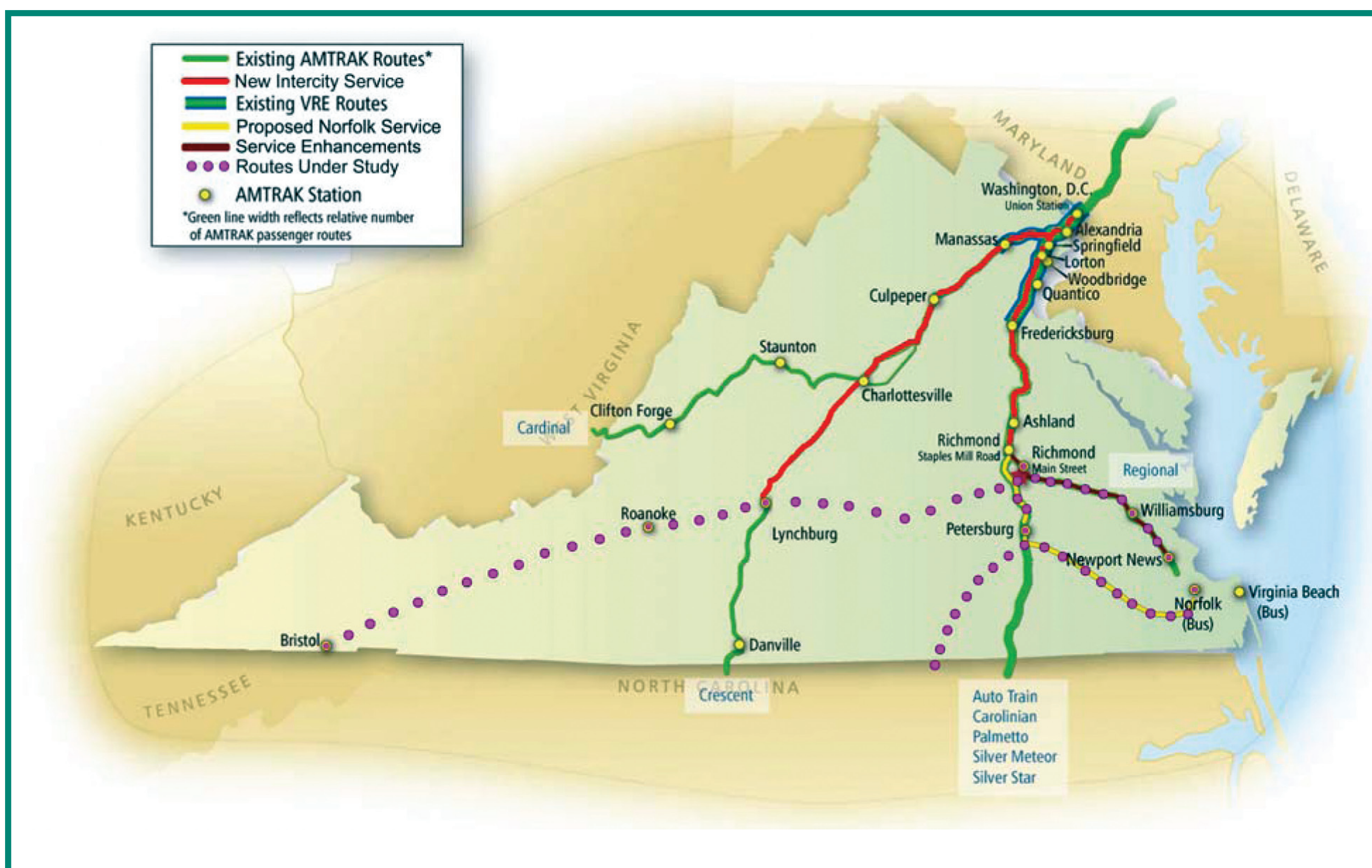




## MULTIMODAL INFLUENCES ON INTERSTATE 64

Other modes of transportation are available as alternatives to using I-64. Other transportation agencies have plans to improve these modes as described below. These proposed improvements do not satisfy the need for highway improvements identified for the I-64 Peninsula Study. However, we have reviewed the plans in determining the needed improvements to I-64.

### PASSENGER RAILS



Passenger Rail Lines in Virginia (Photo courtesy of Virginiaplaces.org)

- A Study of the proposed Richmond/Hampton Roads rail line estimated that for every 1,750 passengers using the new rail service, 1,000 cars could be removed from the congested regional highway network. Today, this would reduce the number of passenger cars on I-64 by 300 and by 1,800 cars in 2040. While any reduction of passenger cars helps to relieve congestion and improve safety, this only represents a reduction of 1% - 3% within the corridor in 2040 and would have little impact on the projected Level of Service.
- Future Amtrak passenger rail service between Norfolk and Petersburg is being planned by Norfolk Southern and the Virginia Department of Rail and Public Transportation.

### FREIGHT RAIL

- Freight rail servicing the Port of Virginia is provided by CSX on the CSX Peninsula Branch and by Norfolk Southern on the "N" line.



- No diversion between rail and truck is expected, which means rail improvements on the CSX Peninsula Branch would have little impact on the I-64 truck traffic.

### BUS TRANSIT

- Other than long haul bus trips, no local bus routes or bus stops have been identified along the I-64 corridor.

### BARGE SERVICE

- According to the Virginia Port Authority, in 2011 4% of the cargo is moved by barges, which is equivalent to 28,800 trucks per year or 79 trucks per day on regional roadways. If barge service continues to grow in line with total demand, this would increase to about 345 trucks per day in 2040.
- A Virginia Port Authority study estimates that the James River Barge Line (64 Express) removed 66 trucks per day on I-64 in 2011 and will remove about 285 trucks per day in 2040.



I-64 Express Barge (Photo courtesy of The Port of Virginia.com)