

Miller School Road (Route 635) Through-truck Restriction Study: Summary

Albemarle County is evaluating whether to request a through-truck restriction on Miller School Road from US 250 (Rockfish Gap Turnpike) to Plank Road (Route 692). The request would be submitted to the Commonwealth Transportation Board (CTB), which is responsible for decisions regarding implementing truck restrictions.

- According to Virginia Code § 46.2-809, “A through-truck is defined as any truck or truck and trailer or semitrailer combination, except a pickup or panel truck, that travels from one point to another and having no origin or destination along the route(s) traveled”. The CTB has the authority to ban all through-trucks or set a size limit on through-trucks.
- Miller School Road is classified as a Major Collector, making it eligible for a Through-truck Restriction.

Reasonable Alternate Route:

The CTB requires that a reasonable alternate route to the restricted route be developed for approval. A reasonable alternate route has been identified that can accommodate truck traffic and improve safety for road users in the area (see attached map).

	Current Route: US 29↔Miller School Rd↔US 250↔I-64	Alternate Route: US 29↔I-64
Length:	11.3 miles	19.5 miles
Average Truck Speed:	34.2 mph	60.2 mph
Total Travel Time:	19.8 min	19.4 min
Differential		Δ – 0.4 min

- Alternate Route would provide a “reasonable” option for Trucks traveling between US 29 and I-64. The distance would increase by 8.4 miles, however, the total travel time would be slightly reduced, and the roadway characteristics of I-64 and US 29 are far more compatible with accommodating truck traffic than the Current Route.

Character and Frequency Compatibility:

Safety

- Miller School Road maintains a crash rate of 164.62 crashes per 100 million vehicle-miles of travel north of Dick Woods Road and 324.08 crashes per 100 million vehicle-miles of travel south of Dick Woods Road. This exceeds the Culpeper District Average for 2-lane Rural Roads, which is 147.08.
- Four of the eight major curves on Miller School Road do not meet the current VDOT standard for curve radii on this type of roadway.
- Due to the angle of the intersection of Miller School Road and Plank Road, turning paths for trucks with a wheelbase over 30-feet are unable to make the turn without encroaching into opposing lanes.

Traffic Counts

- Two-way Average Daily Traffic = 1,099 vehicles per day (vpd) south of Dick Woods Road; 2,330 vpd north of Dick Woods Road
- Total Trucks (Non-Pickup) = 118 vpd south of Dick Woods Road; 148 vpd north of Dick Woods Road

