

Traffic Volume Summary

Route 9D Corridor Management Plan

Corridor Traffic Volume, 10-Year History:

Year	Volume (AADT*)
1995	8,900
1998	10,500
2001	8,000
2004	9,250
2005	9,231

Comparison of Regional Traffic Volumes for North/South State Highways, Using 2004 Data:

State Highway	Volume (AADT*)
Route 22 Putnam County	24,000
I-684 Putnam County	65,000
Taconic State Pkwy. Putnam County	25,300
Route 9 Putnam County	14,500
Bear Mnt. State Pkwy. Westchester County	18,000
Route 218 Orange County	7,550
Route 9W Orange County	23,600
I-87 NYS Thruway Orange County	93,500

Summary of May 2005 Traffic Vehicle Count by Vehicle Type:

Vehicle Type	Vehicle Count per Type, over a 24 hour period	Percentage of Total Traffic Volume
Motorcycles	4	0.04%
Passenger Vehicles	9,029	98%
School Bus & Delivery Trucks	169	2%
Multi-Trailer (18-Wheelers)	29	0.3%
Total	9,231	100%

General Findings:

- The traffic volumes, stated above, for Route 9D are from the Putnam County line, north, to the Village of Cold Spring's southern village boundary.
- The northern section of the study corridor, from Route 403 north, carries twice the traffic volume of the southern section. On average, Route 9D, south of Route 403, has an AADT* of 4,600 vehicles compared to the northern section with an AADT* of 9,231 vehicles.
- Peak traffic volumes occur between 7:00-9:00 AM (heading southbound) and 5:00-7:00PM (heading northbound).
- The increased AADT* in the northern section of the corridor is contributed to traffic entering and leaving the corridor from Route 403. On average, 4,000 vehicles enter and leave the corridor from Route 403 a day. The peak traffic flow hours coincide with Route 9D. The peak traffic flow along Route 403 is westbound in the AM and eastbound in the PM. This is most probably attributed to Metro-North commuters traveling from Route 9 to the Garrison Train Station.
- On average, 29 multi-trailer (18 Wheeler) trucks use the Route 9D study area corridor a day, with an average of 4 trucks between the hours of 7:00PM to 6:00AM.
- The spike in traffic volumes along Route 9D in 1998 are most probably attributed to diverted traffic from Route 9 during Route 9's reconstruction project in Putnam County.

*AADT – Annual Average Daily Traffic