

# 2009 Bottleneck Analysis of 100 Freight Significant Highway Locations

## Cleveland, OH: I-77 at I-480

### Bottleneck Summary

The bottleneck location is shown in **Figure 1**.  
The speed profile is shown in **Figure 2**.

Average Speed

53

Peak Average Speed

49

Nonpeak Average Speed

55

Nonpeak/Peak Speed Ratio

1.13

Congestion Index

90,009

Ranking (out of 100)

73

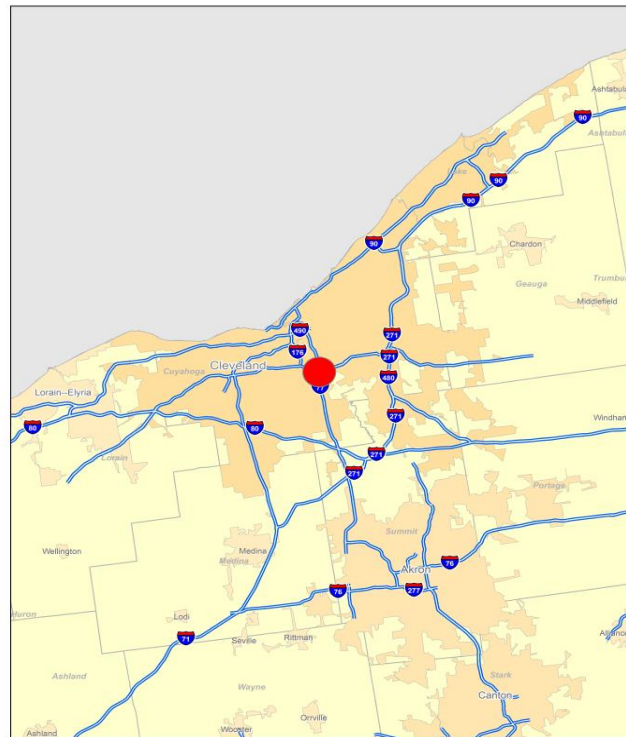


Figure 1: Location Map

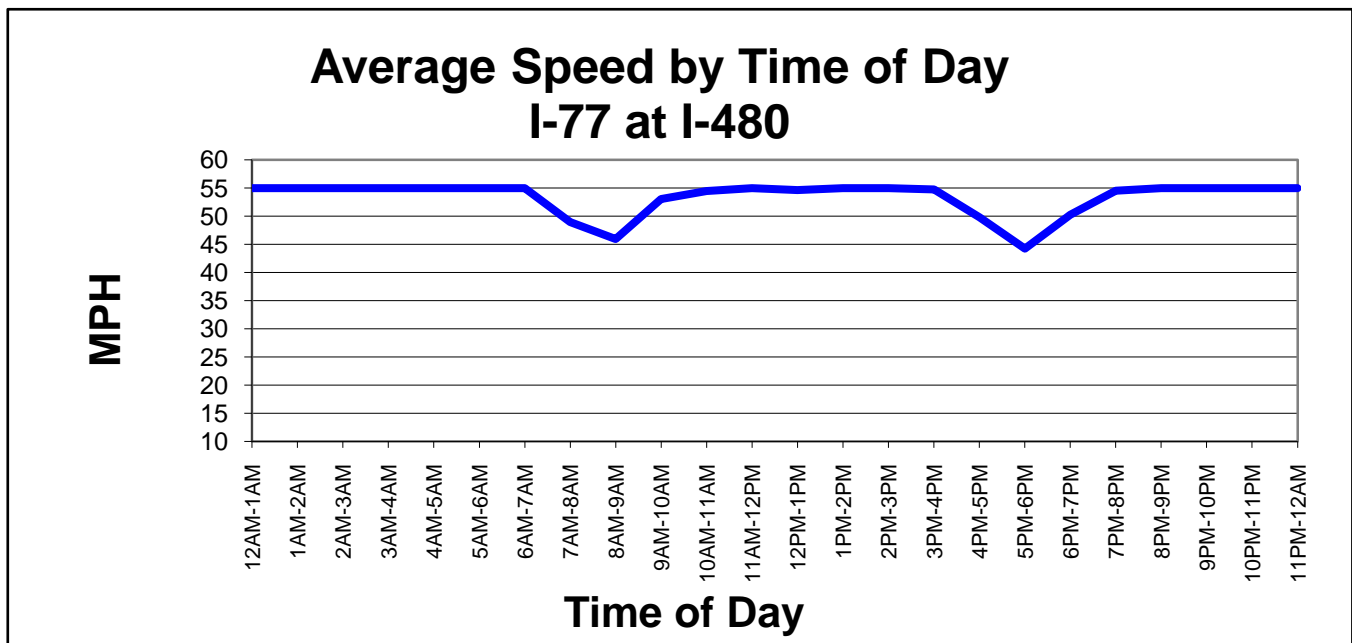


Figure 2: Speed Profile