

## Signal Timing

There are six signalized intersections along South Military Highway at the following locations:

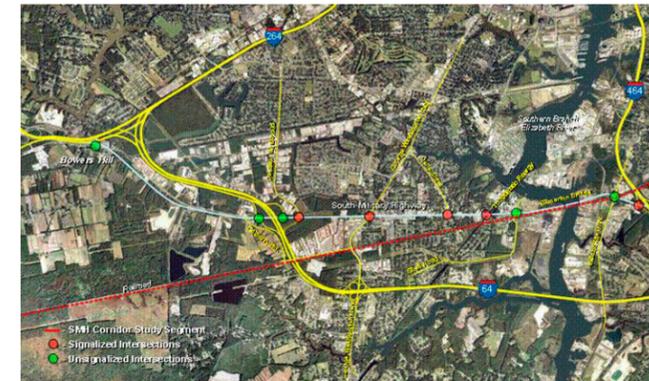
- I-464 Northbound off-ramp
- I-464 Southbound off-ramp
- Atlantic Energy (railroad crossing)
- Canal Drive
- George Washington Highway
- Cavalier Boulevard

The traffic signals at these intersections are not interconnected and thus not coordinated such that they operate like a system. Rather they operate independently of one another and do not promote the progression of traffic through the corridor. Motorist traveling this 7.5 mile stretch of roadway often incur frequent stops, significant delays and persistent congestion.

Given the amount of traffic that uses South Military Highway today, it is obvious that additional capacity is required. While the city recognizes South Military Highway will ultimately be an eight-lane divided facility (per the 2050 Master Transportation Plan), in the short-term, capacity can be improved with signal timing.

When developing optimized signal timings and overall system boundaries, three key factors are considered: traffic demands, signal spacing, and driver expectancy. Given this criteria, all six signals along South Military Highway should operate as a coordinated signal system.

This will serve two key functions, provide increased capacity under normal conditions, as well as provide an opportunity to implement incident management plans when traffic is diverted off of I-64.



Signal locations