

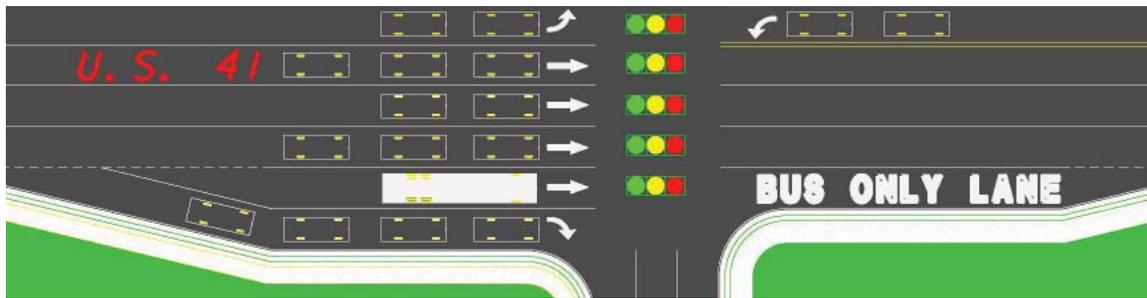
Cobb Parkway Transit: Queue Jump Lanes

October 21, 2010

Cobb Parkway/US 41 is one of the seventy-three corridors included in the metro Atlanta Congestion Management System as needing improvement. The Atlanta Smart Corridor Project, a metro Atlanta traffic management project, is an innovative approach to managing traffic and transit operations in one of the Atlanta region's most congested corridors. One significant component of the Smart Corridor Project is the addition of queue jump lanes at various intersections along the Cobb Parkway corridor.

Queue Jump Lanes

Queue jump lanes combined with transit signal priority provides improved service times and effectiveness for transit users. These treatments do not permanently restrict lanes from the general traffic flow, but are short lane stretches (such as right-turn lanes) that permit buses to bypass waiting traffic queues at key signalized locations. Transit buses approach the intersection and receive an 'early green' indication to proceed through the intersection prior to other vehicular traffic. The overall goal is to improve transit priority while minimizing delays to other users. This below diagram illustrates the queue jump lane concept:



Proposed locations along Cobb Parkway:

- Windy Ridge Parkway
- Windy Hill Road
- Allgood Road
- Bells Ferry Road

Preliminary Estimated Costs for Queue Jump Lanes at the above locations:

Engineering	\$ 600,000
ROW/Utilities	\$ 5,900,000
Construction	\$ 4,500,000
Total	\$ 11,000,000

Proposed funding split:

Federal @ 50%	\$ 5,500,000
Cobb County @ 20%	\$ 2,200,000
City of Marietta @ 10%	\$ 1,100,000
City of Smyrna @ 10%	\$ 1,100,000
Cumberland CID @ 10%	\$ 1,100,000
Total	\$11,000,000