

City of Alexandria, Virginia

# BRAC-133 Advisory Group

January 18, 2012

Department of Transportation & Environmental Services

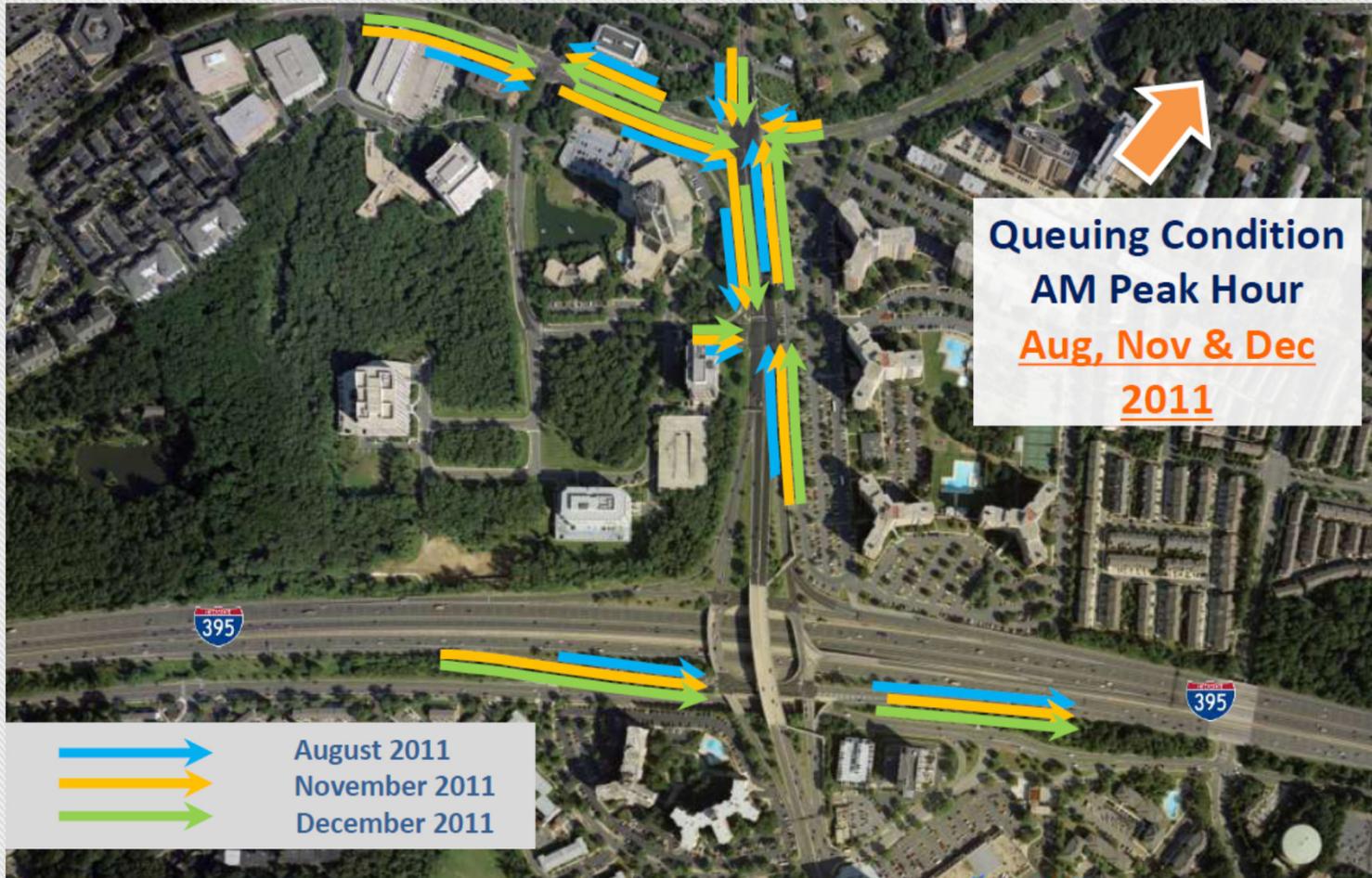


# **FY2012 Omnibus Appropriations Bill - BRAC-133 Implications**

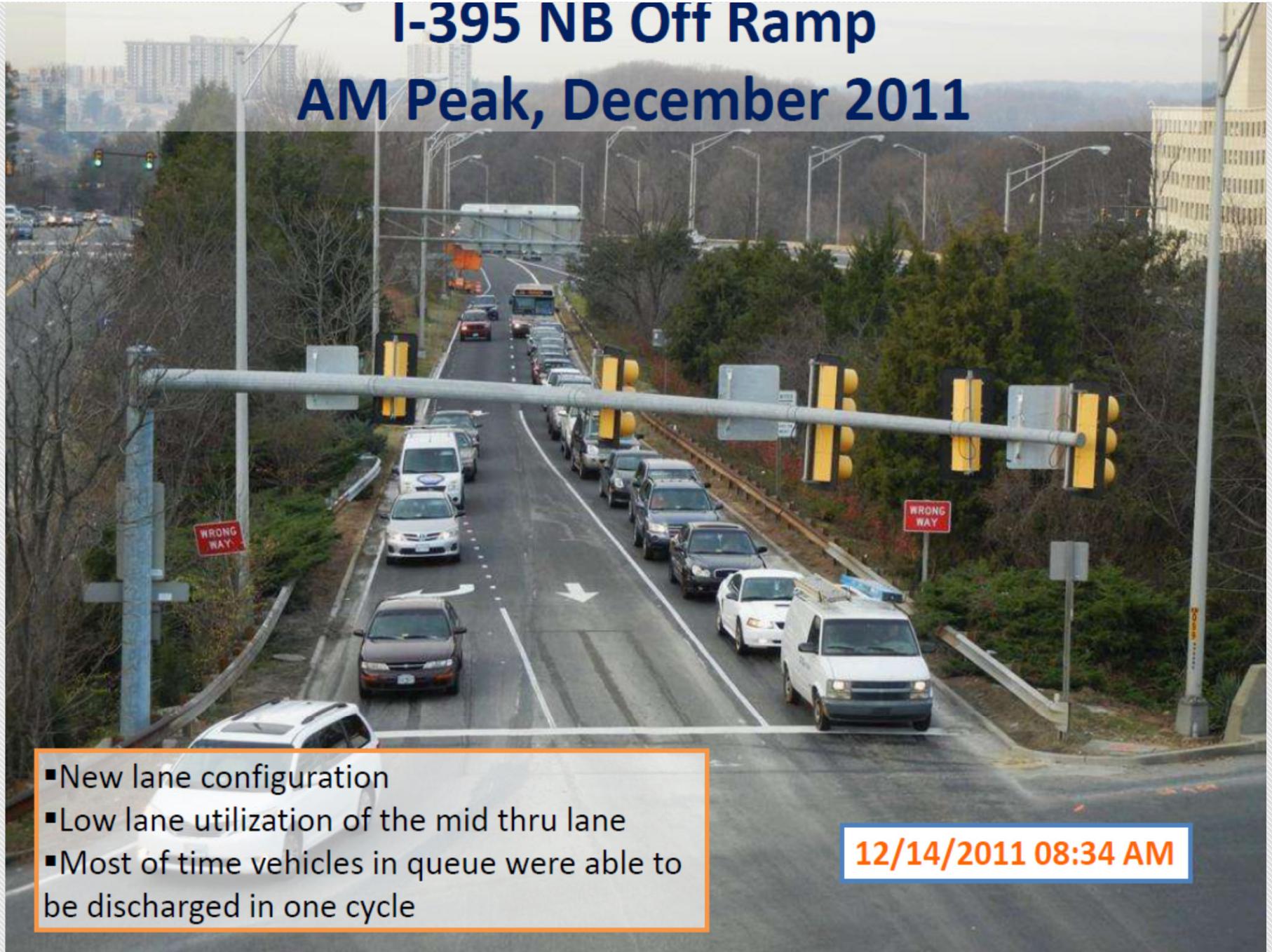
- Imposes a restriction on the number of available parking spaces at 2,000.
- Requires DoD to do another traffic study.
- Requires DoD to propose and implement additional mitigation measures based on study results.



# Mark Center Area December Traffic Monitoring



# I-395 NB Off Ramp AM Peak, December 2011



- New lane configuration
- Low lane utilization of the mid thru lane
- Most of time vehicles in queue were able to be discharged in one cycle

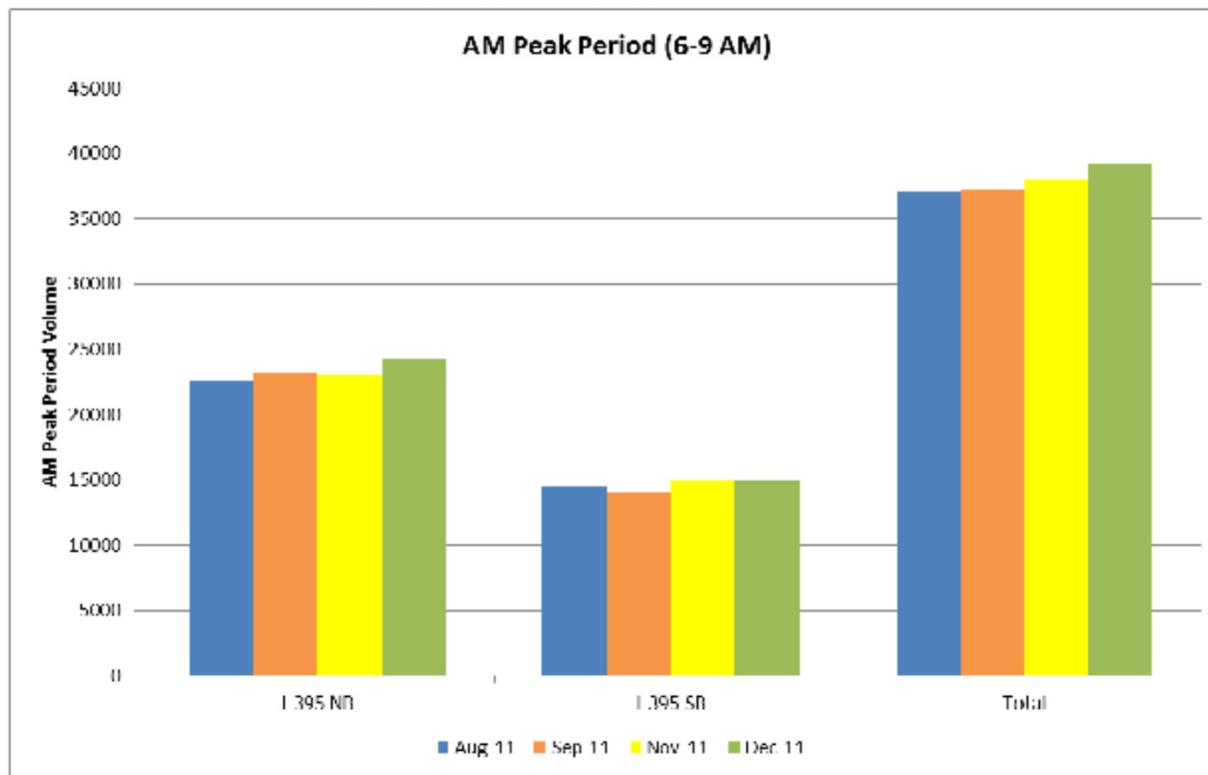
12/14/2011 08:34 AM

# I-395 NB Off Ramp AM Peak, December 2011

End of queue at NB off ramp  
- Very occasional

12/14/2011 08:39 AM

# I-395 Traffic Volume AM Peak Period



# Seminary Rd & Mark Center Dr – WB AM Peak, December 2011

Seminary Rd  
Westbound

- Very heavy westbound traffic
- In most cases, vehicles in queue were able to be discharged in one cycle. Cycle failure is observed between 7:00AM-7:30 AM.
- The maximum queue extends to the bridge about 900 feet from the intersection.
- Some attempted illegal left turn

12/13/2011 07:24 AM

# Seminary Rd & Mark Center Dr – WB AM Peak, December 2011

Seminary Rd  
Westbound

12/13/2011 07:54 AM

# Seminary Rd & Mark Center Dr – EB AM Peak, November 2011

Seminary Rd Eastbound

- Left lanes (to Seminary Rd overpass) queues were able to clear in each cycle
- Rightmost lane (to I-395) queues occasionally spilled back to the free right turn merge point
- Weaving between the free-flow right from Beauregard NB and the Seminary Rd EB to Mark Center SB is observed, which delay the EB traffic on Seminary Rd.

12/13/2011 07:23 AM



# Seminary Rd & Mark Center Dr – EB AM Peak, December 2011

Seminary Rd Eastbound  
End of Queue



▪ Maximum queue occasionally spilled back to free right turn merge point , especially queues on the rightmost lane

12/13/2011 08:46 AM

# Seminary Rd & Mark Center Dr – SB AM Peak, December 2011

Southern Tower Exit

12/13/2011 07:40 AM

# Seminary Rd & Mark Center Dr – SB

## AM Peak, December 2011

Cut through traffic from I-395 SB off ramp traffic into Southern Tower to Mark Center

I-395 SB off ramp entrance to Southern Tower Community

12/13/2011 07:54 AM

# Seminary Rd & Beauregard St – WB AM Peak, December 2011

Seminary Rd Westbound

- Many drivers made U-turns to get into Mark Center (about 3-5 vehicles per cycle)
- Queues were able to clear for most of cycles
- Pedestrian traffic was commonly present at all approaches

12/13/2011 07:47 AM

# Beauregard St & Mark Center Dr – NB AM Peak, December 2011

Beauregard St  
Northbound

MARK CEN

- Maximum queue occasionally spills back to the next intersection
- Most queues were able to be discharged in one cycle
- Many transit vehicles made right turn into Mark Center site
- Pedestrians were frequently present at this approach

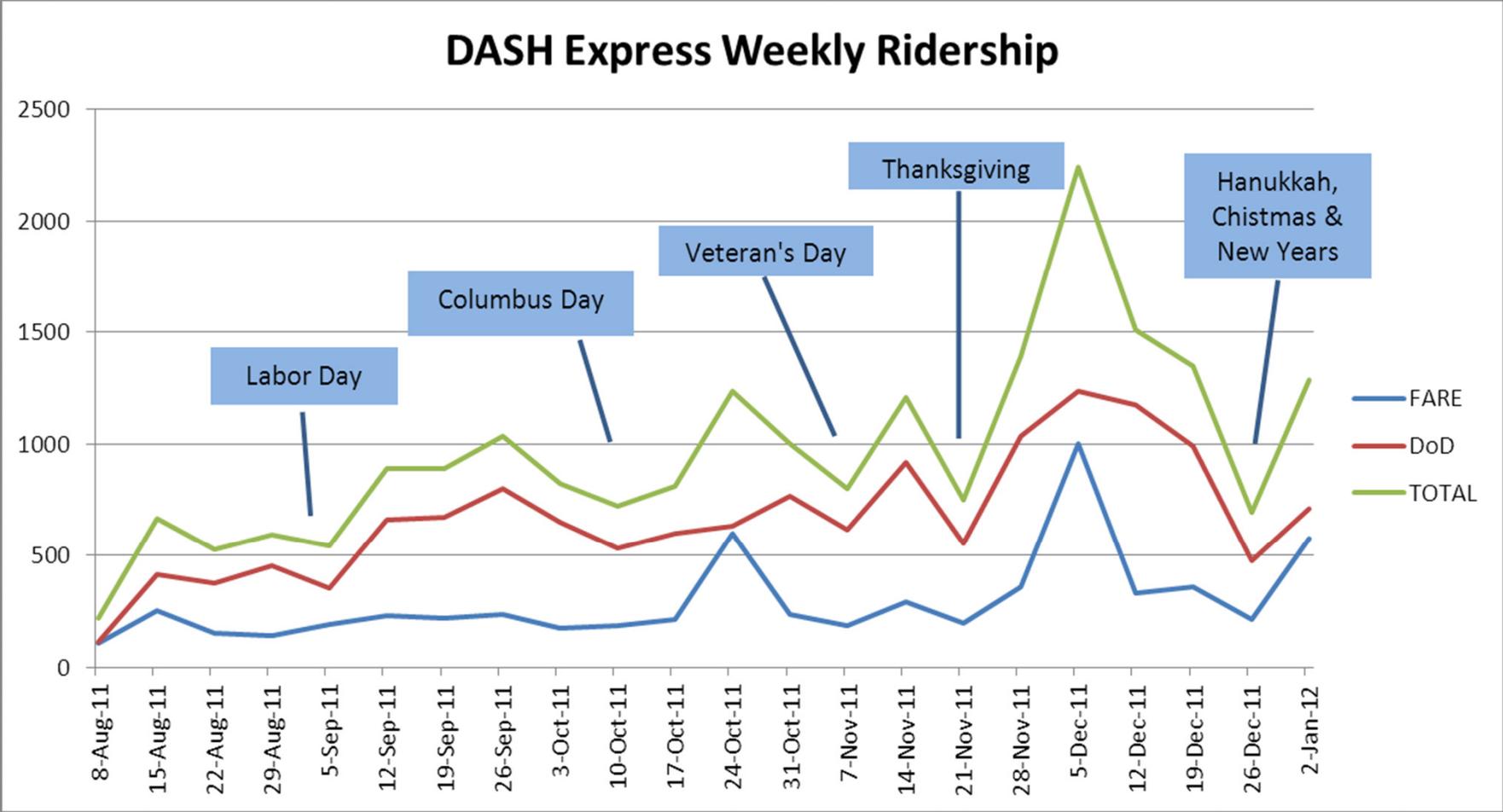
12.13.2011 08:26



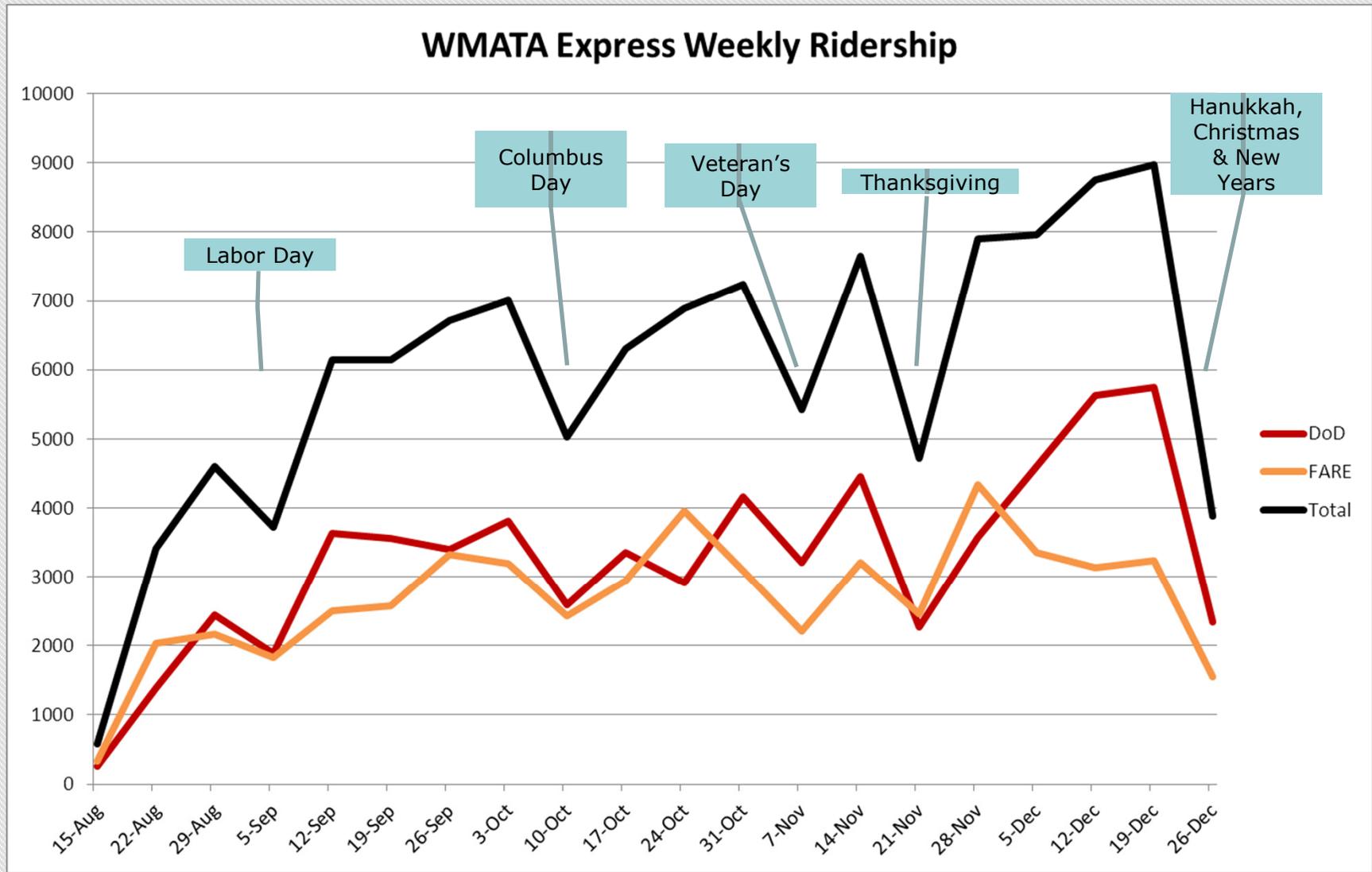
# BRAC Traffic Impacts to Date

- Conditions on I-395 have not deteriorated.
- Traffic on local street, while slightly higher at the height of the peak periods, has not created significant problems.
- ACPS school buses have not experienced delays in service.

# DASH Express Weekly Transit Ridership



# WMATA Express Weekly Ridership



Thank you...  
Questions?