

NORTHWEST CORRIDOR EXPRESS LANES - ONE YEAR IN OPERATION



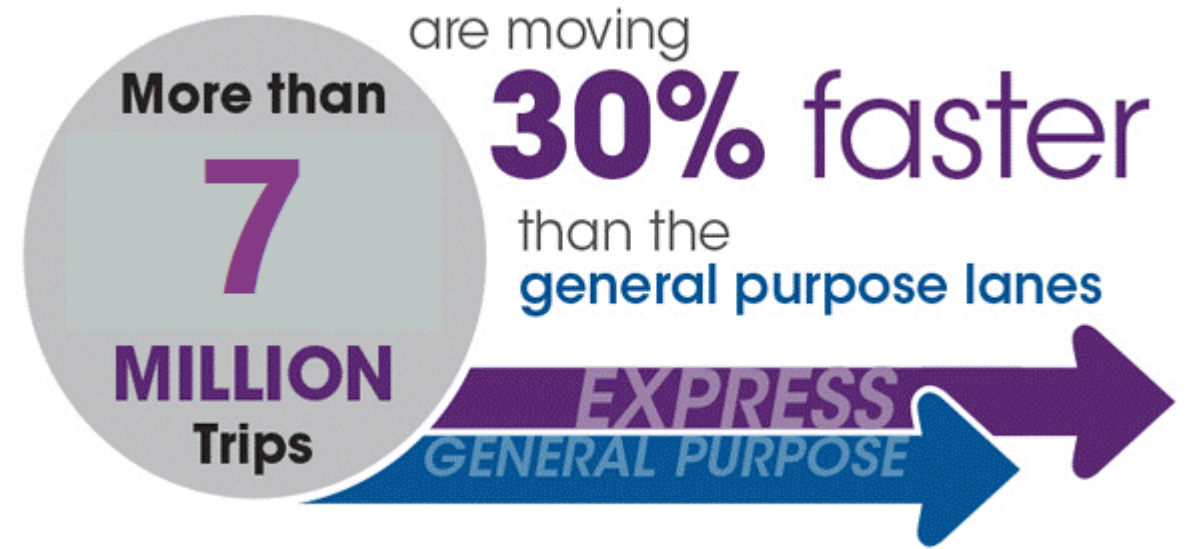
Andrew J. Heath, P.E., State Traffic Engineer
Committee of the Whole
10/16/2019

RIBBON CUTTING - 09/12/2018



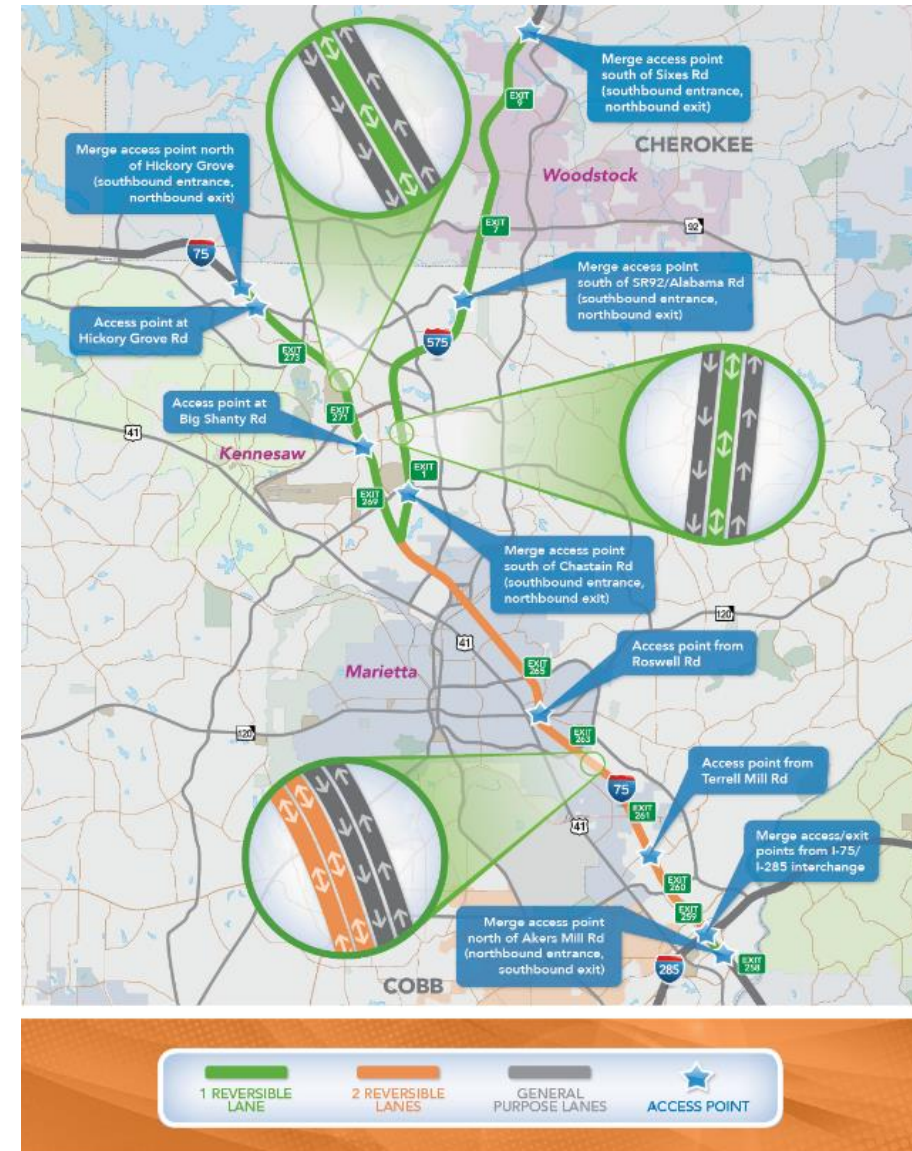
FAST FACTS

- 7.4 million trips (Over 26,500 weekday average)
- Travel Speeds 30% faster than General Purpose
- Rush Hour reduced by one hour in length (AM & PM)
- Highest Posted Fare - \$5.95
- Reversing twice per day (TMC & HERO)
- No Fatalities in system



More Detail

- August 2019 recorded the highest number of trips at 740,882. This is a 3% growth from the previous highest month (May 2019)
- Week of Aug 29 was busiest week with an average of 31,758 trips per workday

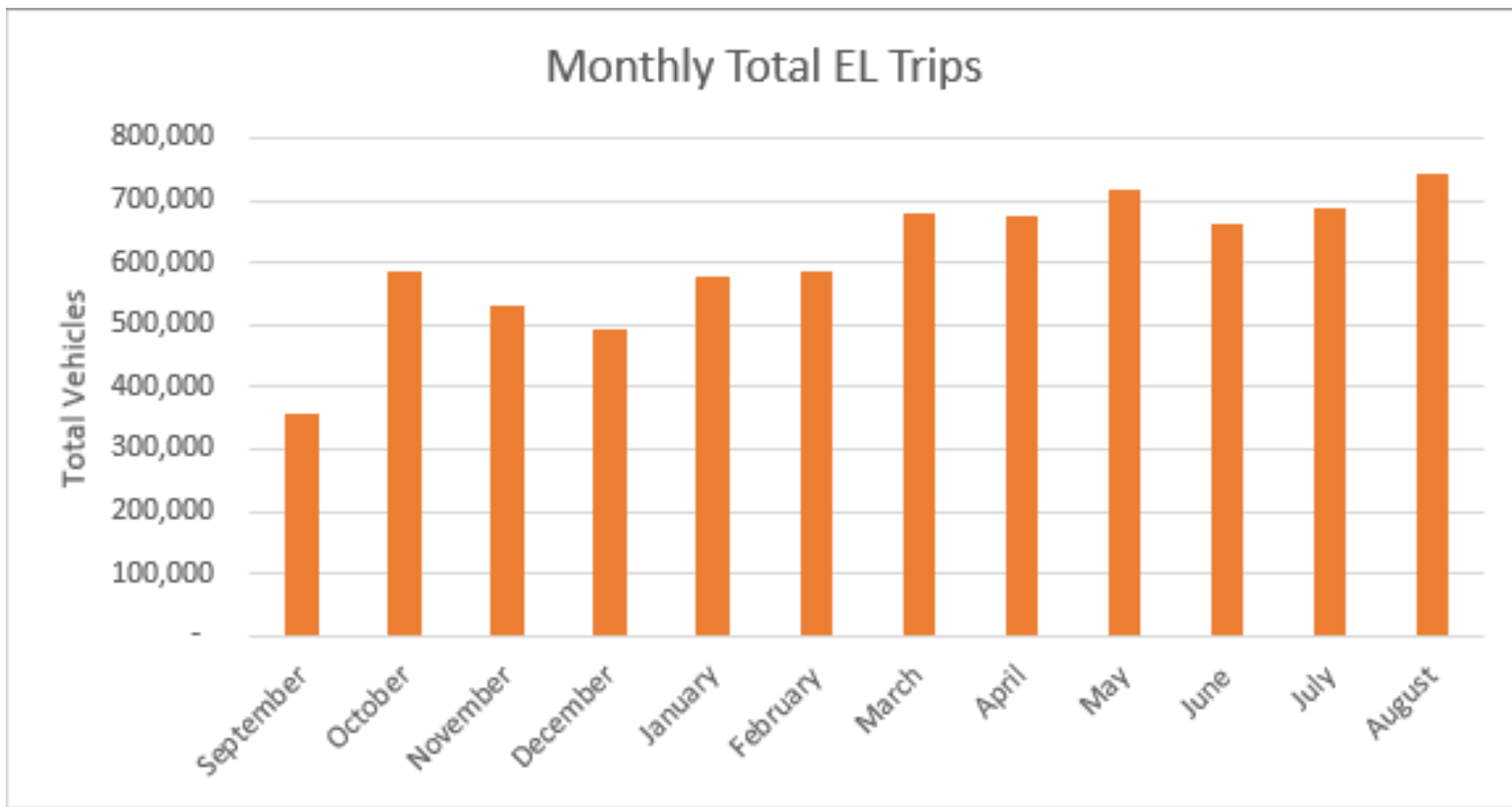


NWC Speed Statistics

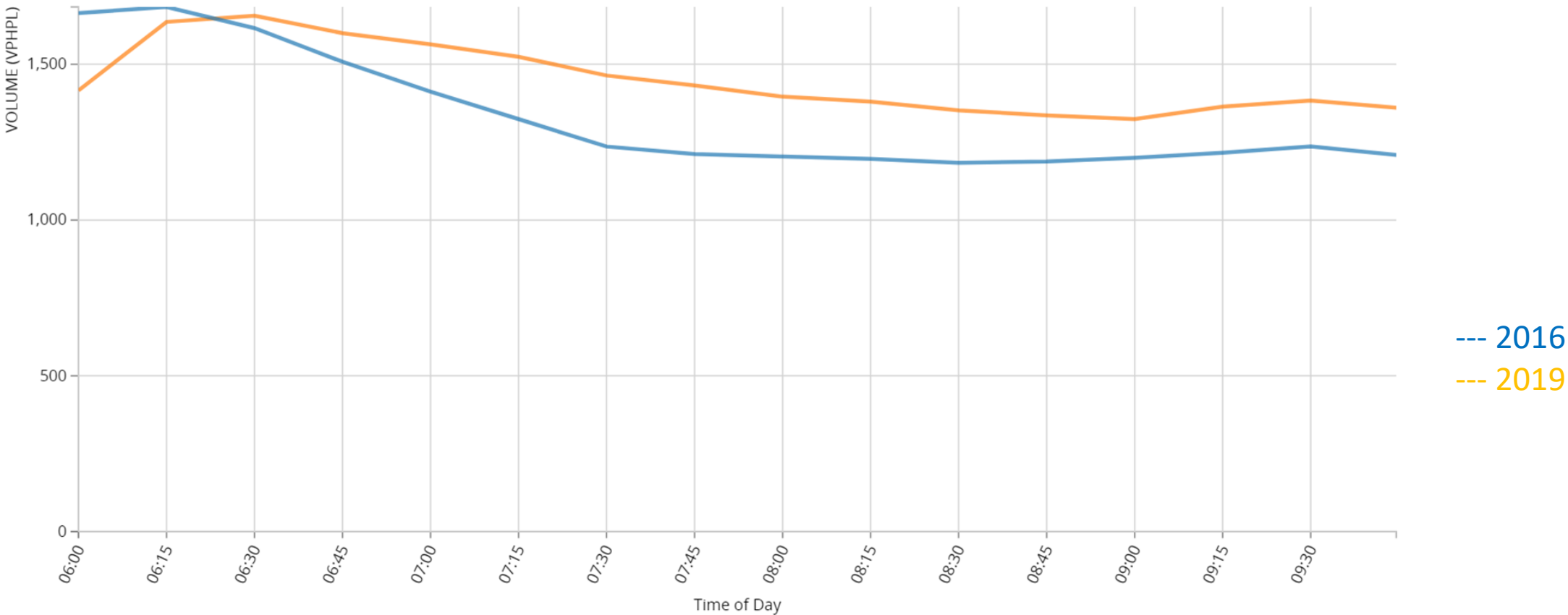
Facility	AM Peak (6-10 am)	PM Peak (3-7 pm)
Express	70.0 mph	63.0 mph
General Purpose	54.5 mph	52.4 mph



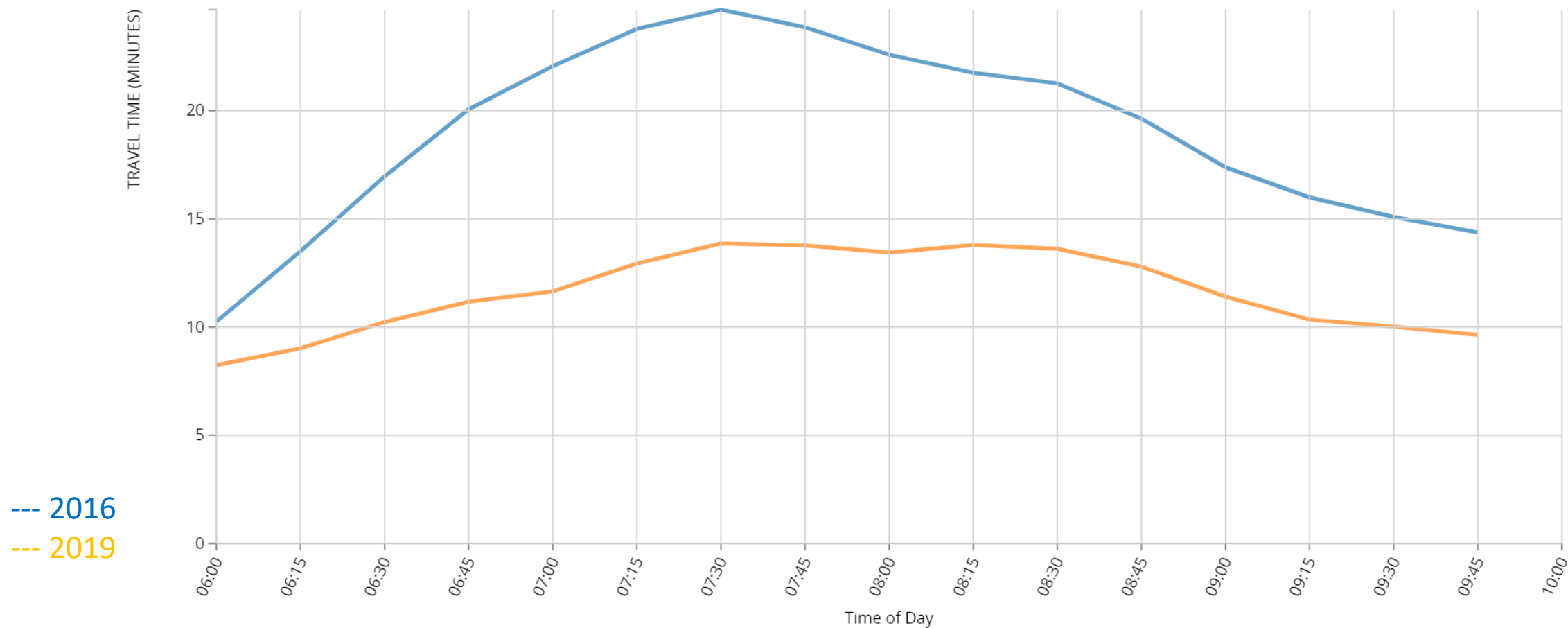
Northwest Corridor Express Lane Volumes



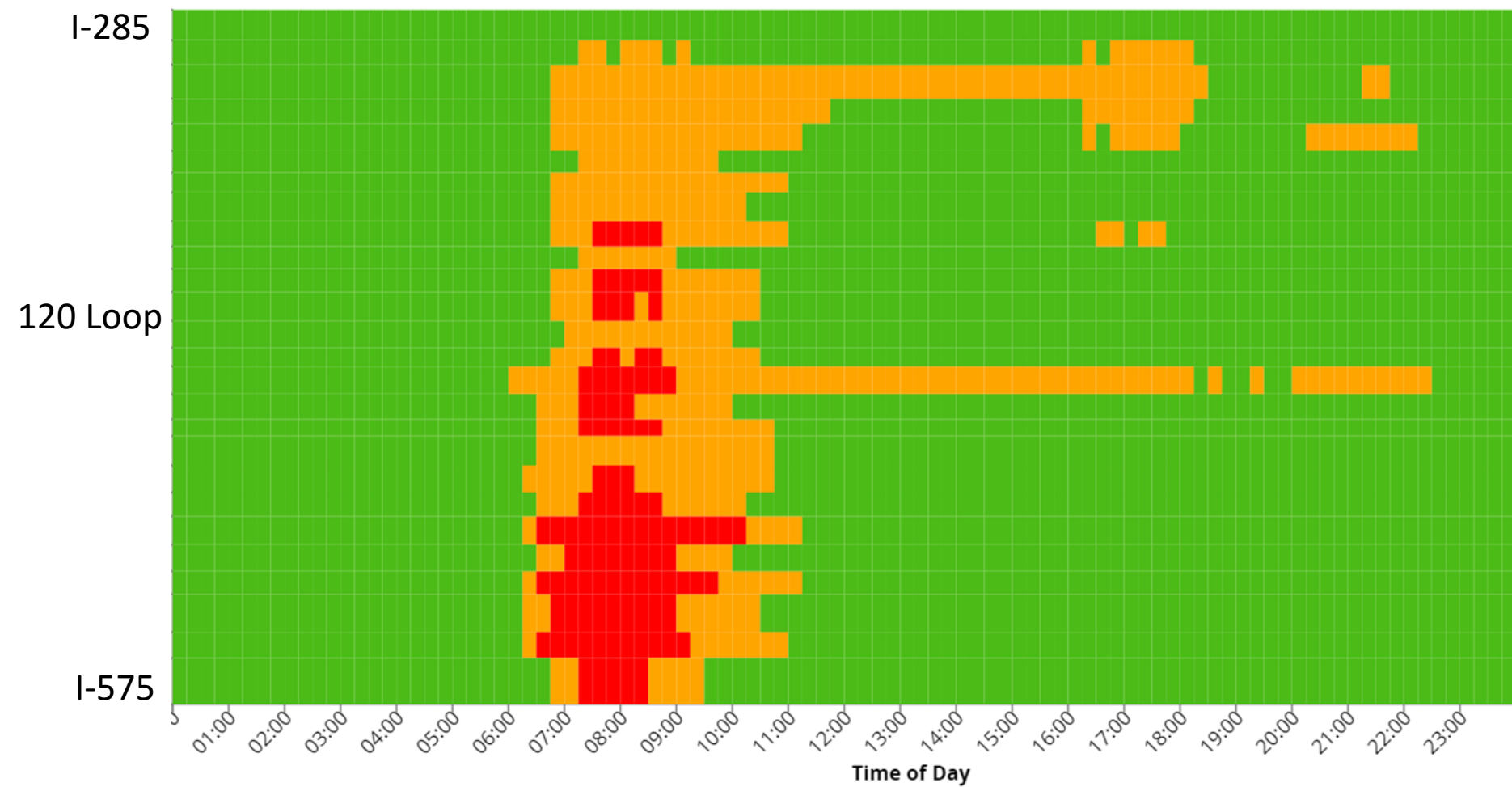
I-75 SB from I-575 to I-285 Volume Comparison



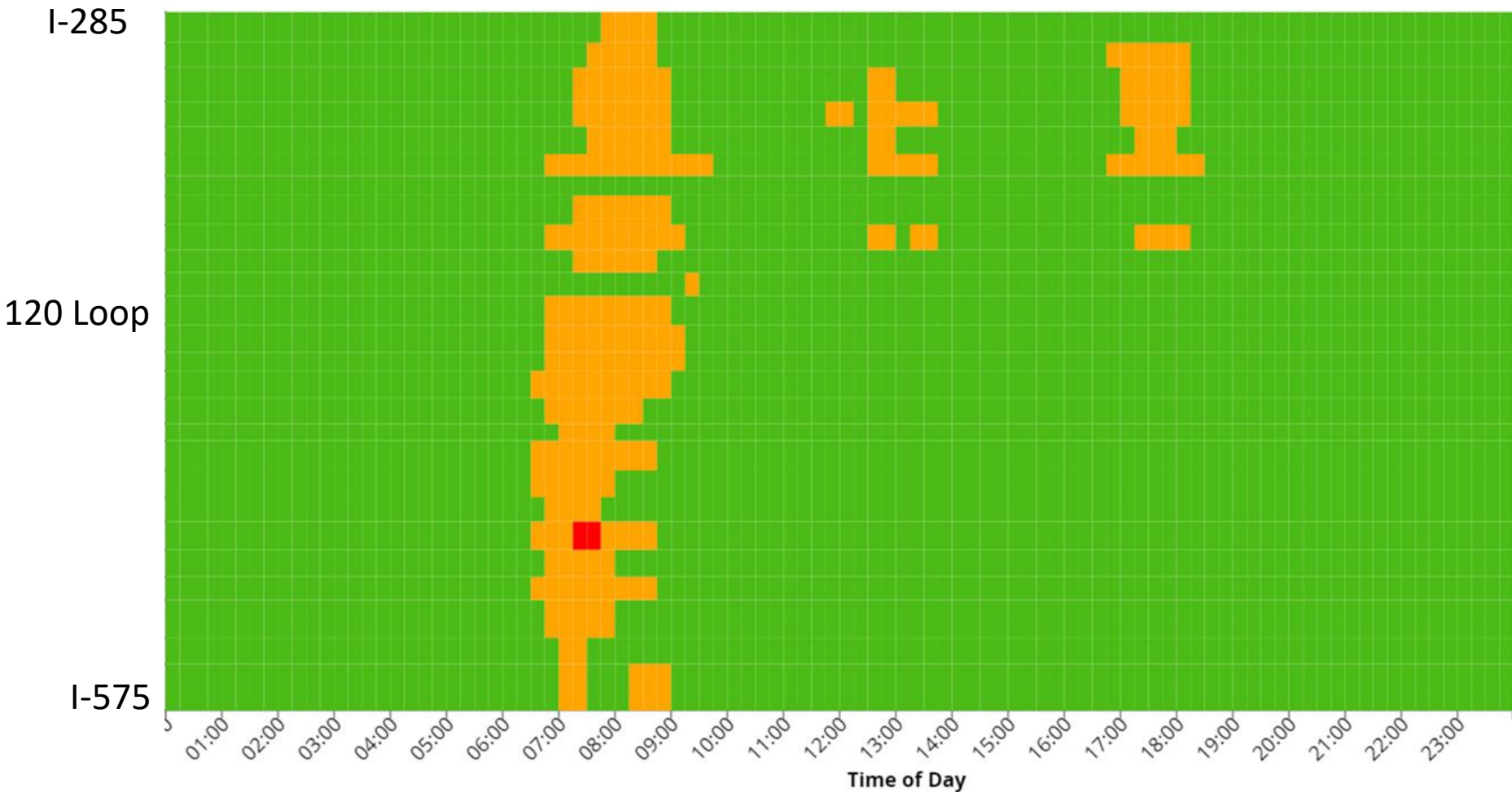
I-75 SB from I-575 to I-285 Travel Time Comparison



I-75 From I-575 to I-285 SB March 2016



I-75 From I-575 to I-285 SB March 2019



Typical Reversal Durations



I-75 South Metro Corridor: 45 minutes

Northwest Corridor: 90 minutes

Reversals are done in a “rolling” style – where the gates are closed sequentially from one end of the corridor to the other (in the direction of travel), and opened in the opposite direction as the operation progresses.

HEROs are staged at each gate set and observe the operation in conjunction with TMC operators watching on camera.

Interoperability Statistics

- System is interoperable with Florida's Sunpass and North Carolina's QuickPass
- Of the 7.4 million trips taken in the first year of operation, 382,292 were taken by vehicles with interoperable passes
- This amounts to approx. 0.5% of total trips



Statewide Peachpass Sales

Customer Feedback

Georgia DOT: New toll lanes have cut rush hour traffic congestion



Photo: Bob Andres/bandres@ajc.com

AJC NEW FINDINGS: EXPRESS LANES | May 15, 2019

By David Wickert

The Northwest Corridor Express Lanes have had a big impact on traffic, increasing travel speeds and shrinking rush hour on I-75, according to the Georgia Department of Transportation.

“I leave Sixes Road at 6:30 each day,” she said. “What normally takes me over an hour took me 24 minutes. I got an hour of my life back!” - NWC User

So, as you all know, that does lots for our community

Happy Birthday Northwest Corridor!

Testimonial: Tracy Rathbone Styf

Testimonial: Ryan Farinella

Testimonial: Ron

NWC Awards



**No. 1 Project on the
2018 Top 10 Roads List Roads &
Bridges Magazine**



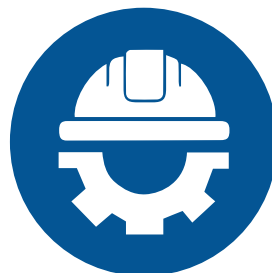
**National People's Choice
Award**
America's Transportation
Awards (ATA)



2019 Large Project-Overall
American Society of Civil
Engineers (ASCE)



National Award of Merit
(Transportation) Winner
from Design Build Institute
of America



Preconstruction Grand Award
Georgia Partnership for
Transportation Quality (GPTQ)



2019 Project Achievement Award
Construction Management
Association of America (CMAA)

Thanks!



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