



Update on Operations Programs

Program Delivery Committee

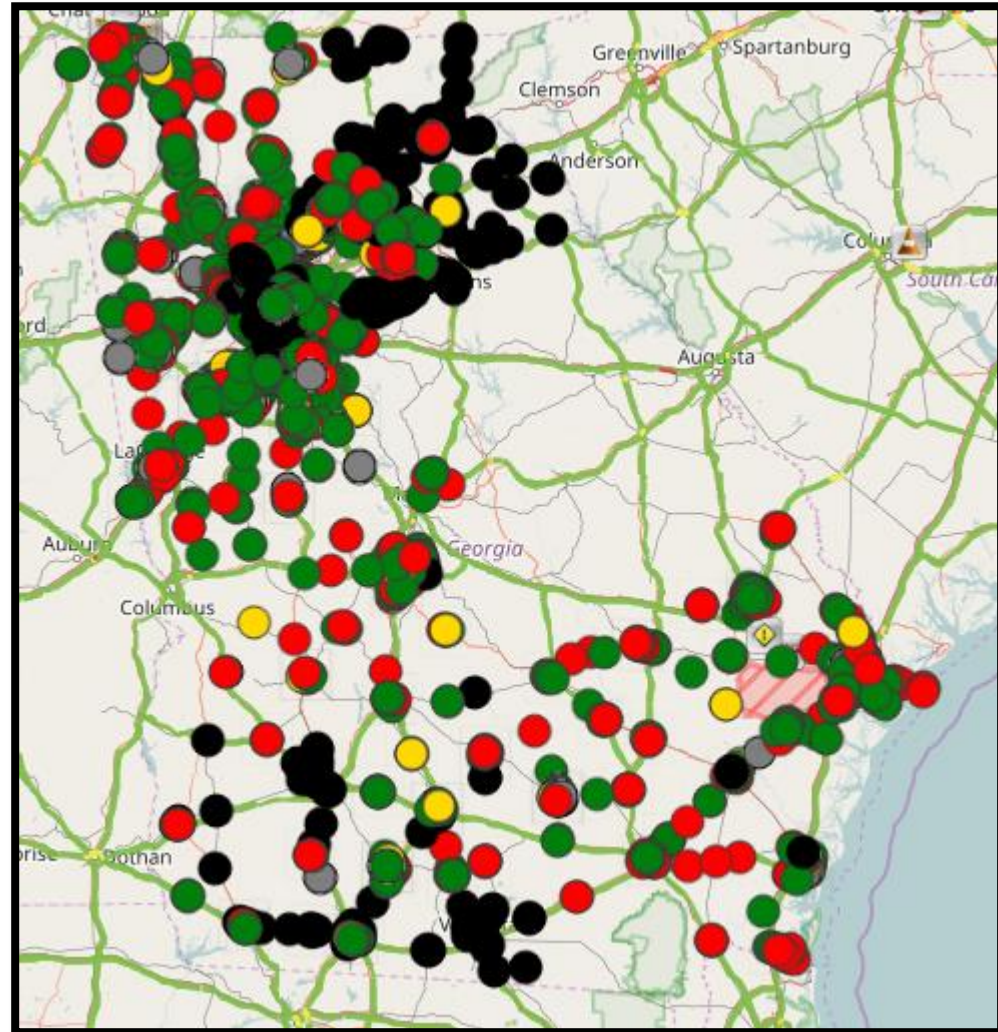
August 16, 2017

Agenda

- New Statewide Signal Software
- Connected Vehicle (CV) Pilot Project
- CHAMP Program Update
- Sustainability Efforts on Georgia Interstates

Signal Software

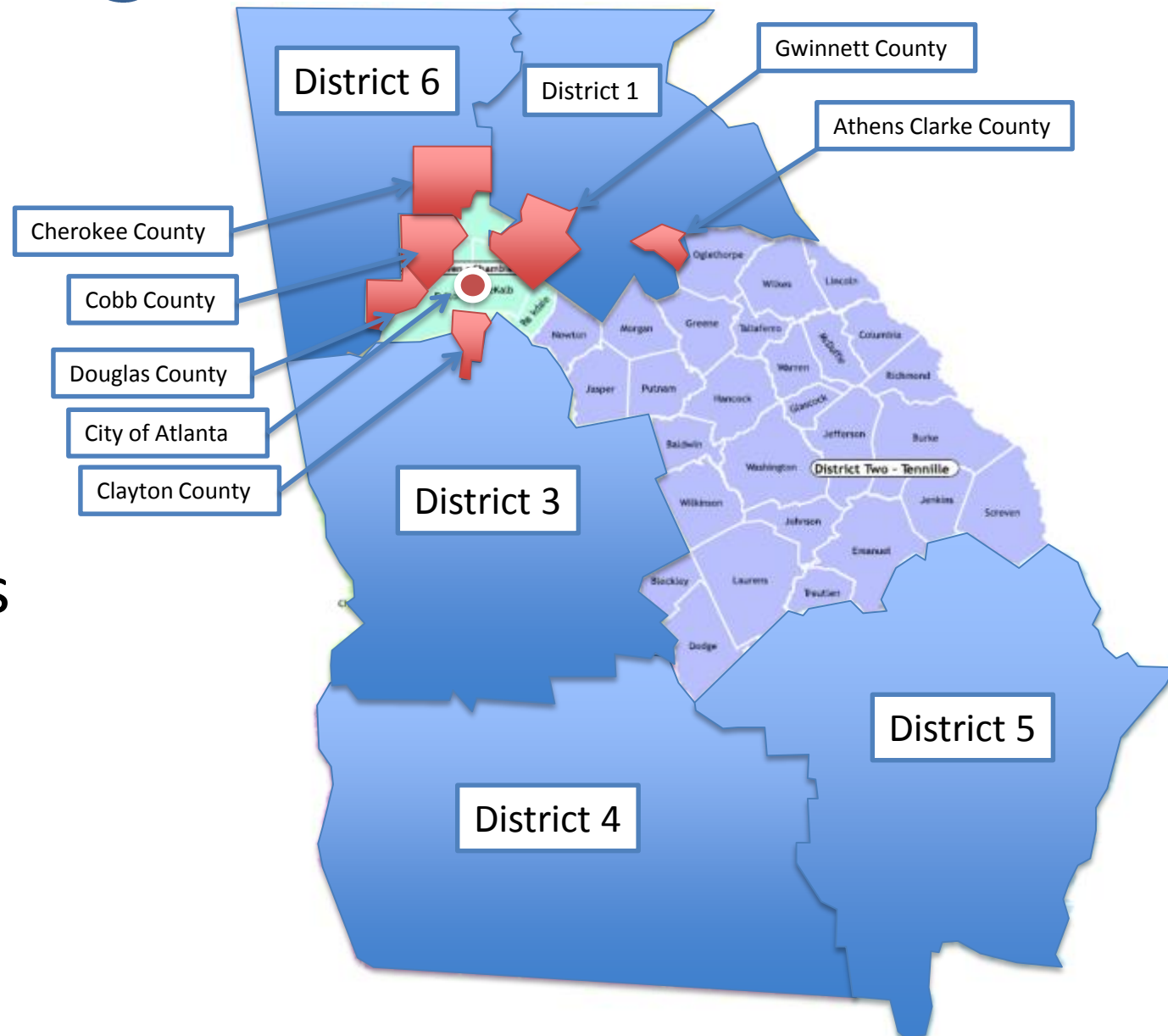
- Update all 9,500 traffic signals in Georgia
- On-system and off-system traffic signals – available to all
- Enhanced features and data analytics
- Turn-key deployment



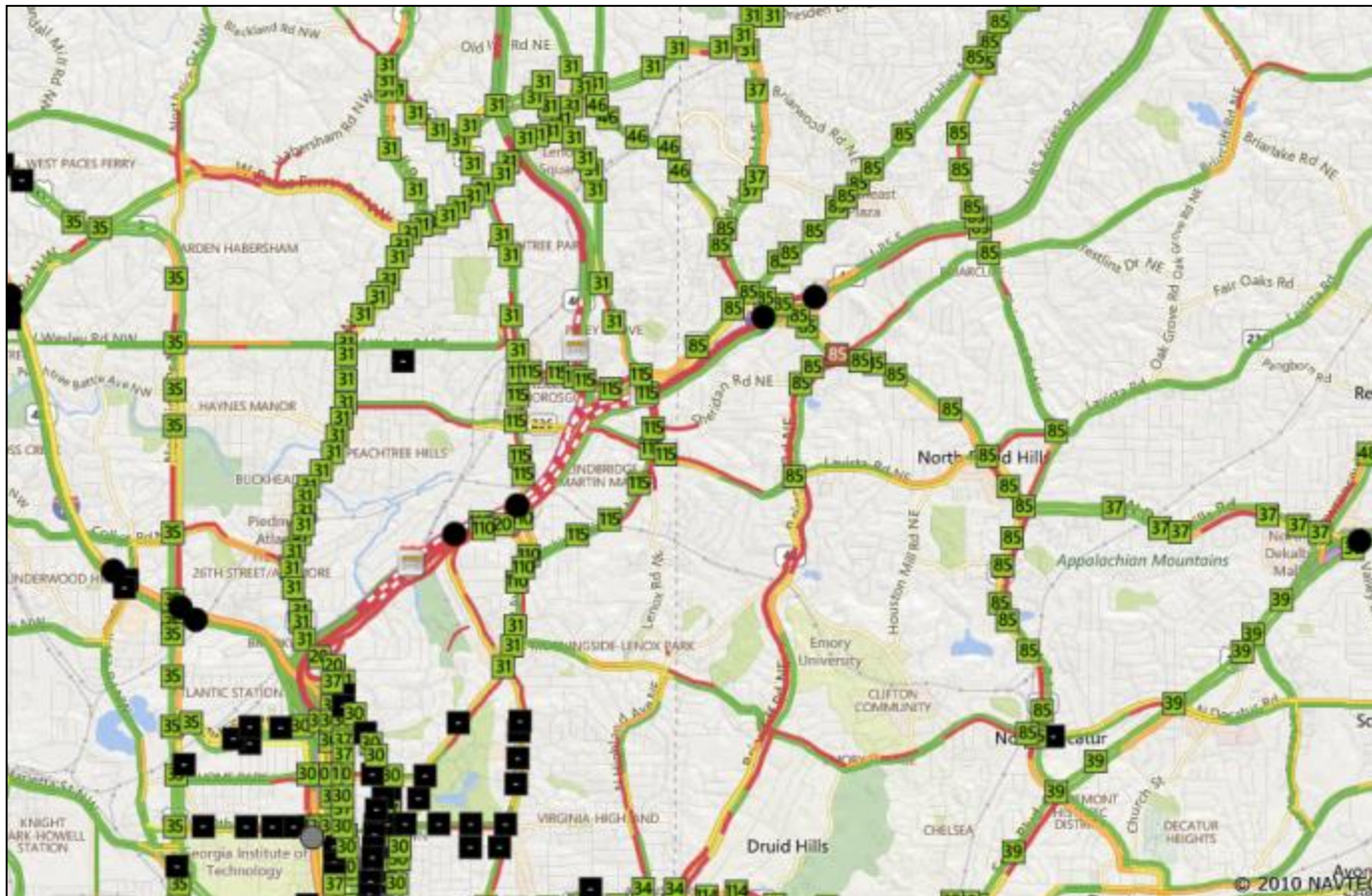


Signal Software

- Began October 2015
- 4,300 intersections converted



Signal Software

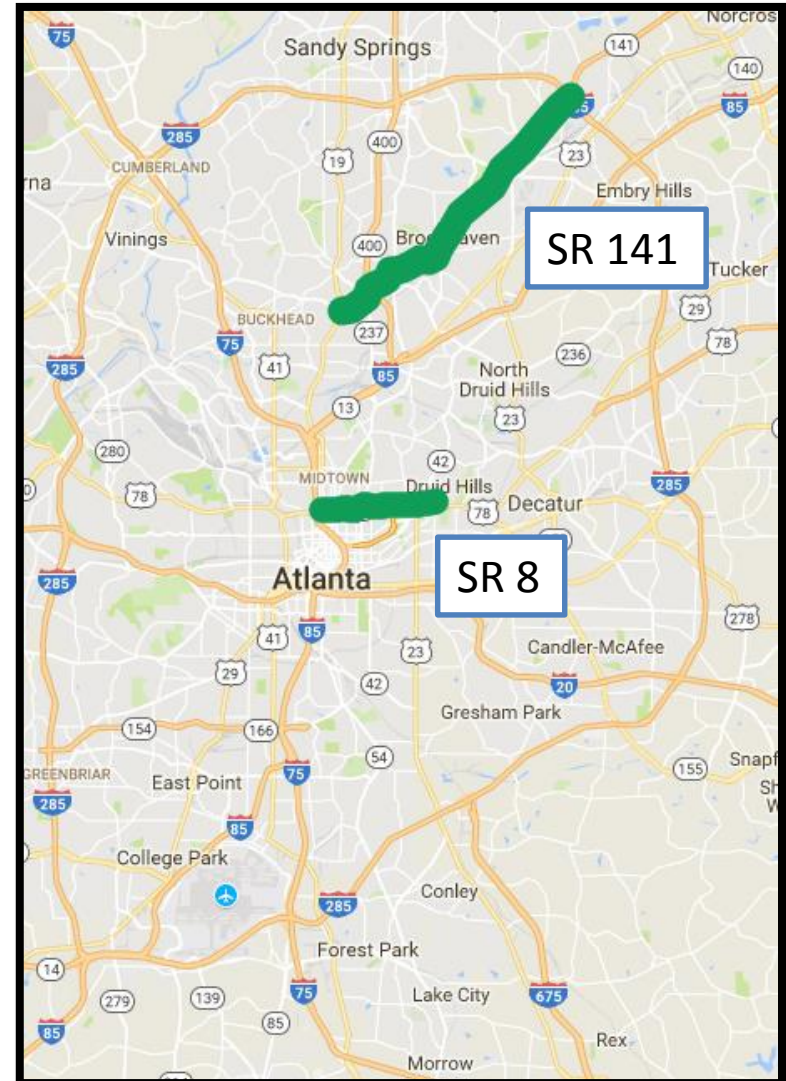
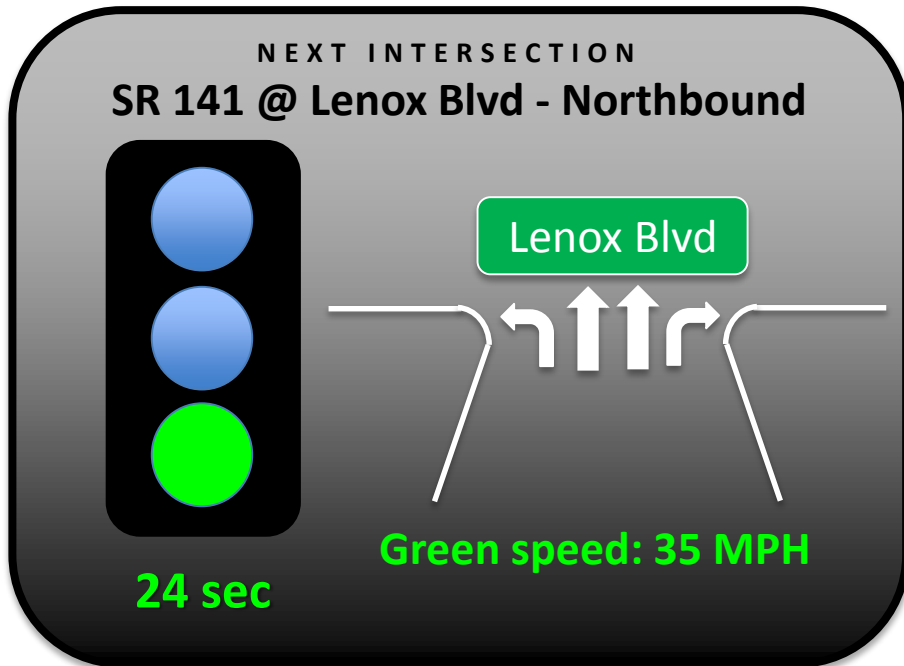


- Regional Traffic Operations Program
- Special plans implemented
- Continuous monitoring and improvements



Connected Vehicles

- Signal Phasing and Timing
- V2V versus V2i
- CAV foundation

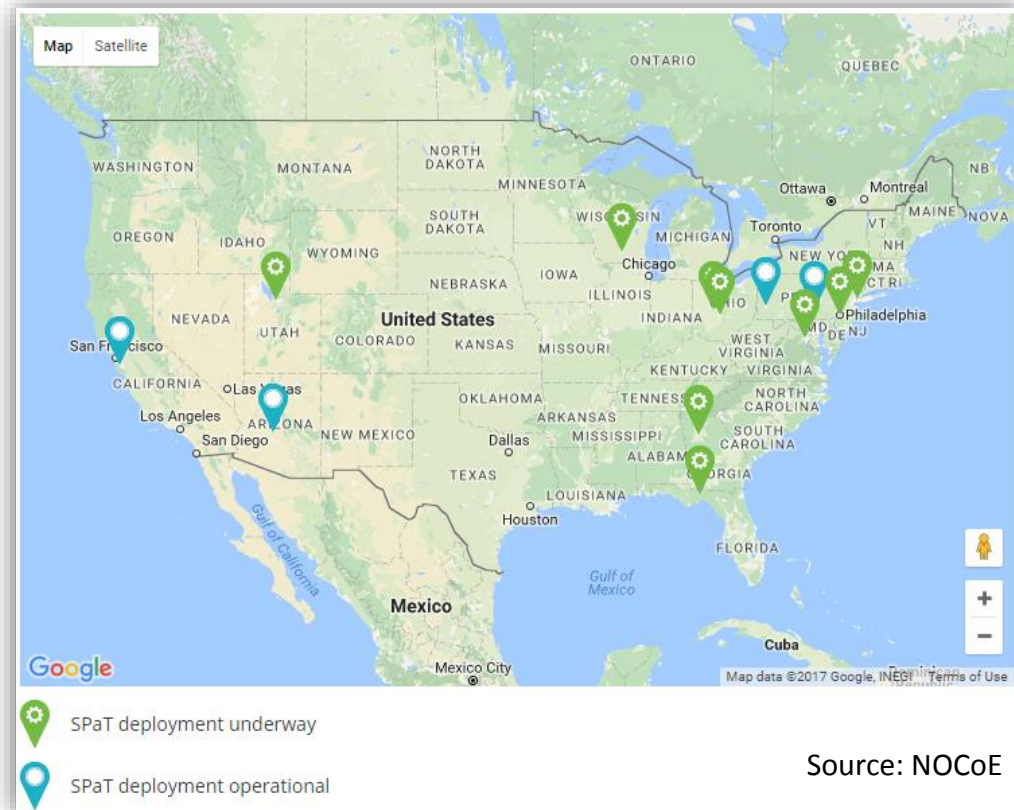


The SPaT Challenge

20 intersections – 50 states – by 2020

“20 in 50 by 2020”

- AASHTO Resolution PR-3-16
- Challenge to infrastructure owners and operators
- SPaT just the beginning

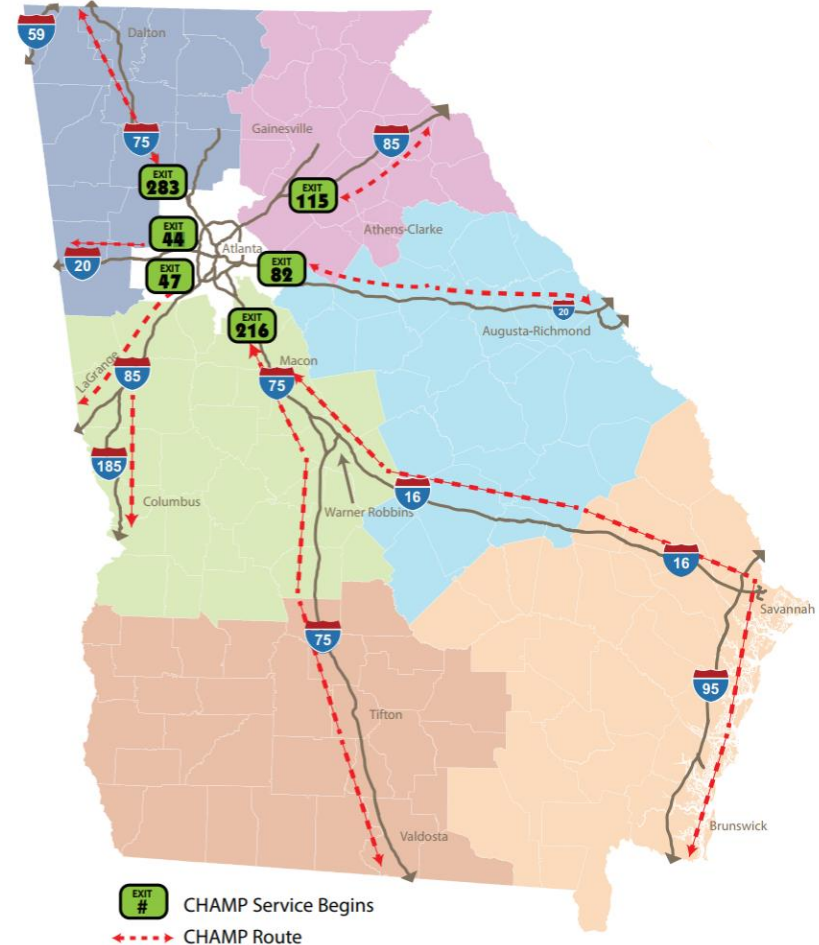
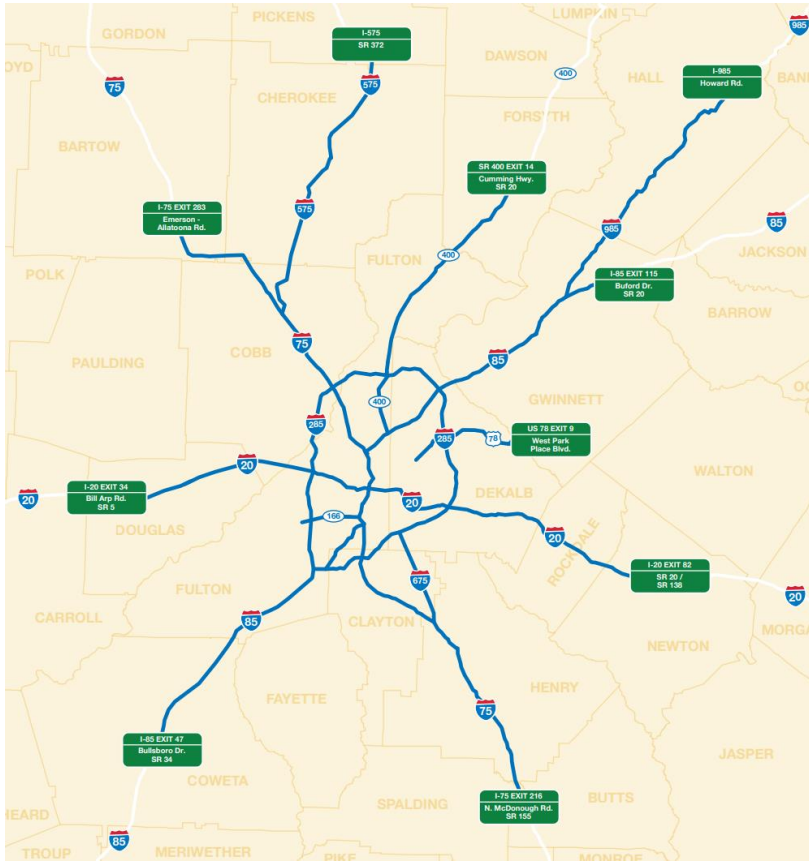


HERO & CHAMP





HERO & CHAMP



EXIT # CHAMP Service Begins
 ←---→ CHAMP Route

HERO & CHAMP

19-car accident on I-185 NB between Buena Vista-Macon Road exits

Published: Thursday, June 22nd 2017, 5:46 pm EDT
Updated: Thursday, June 22nd 2017, 9:57 pm EDT
By J.T. Fellows, Digital Content Producer [CONNECT](#)



[f](#) [t](#) [p](#) [e](#)



(Source: Traci Youman)



COLUMBUS, GA (WTVM) – A massive traffic accident had traffic blocked on the NB lanes on I-185 for several hours early Thursday evening.

The 19-car accident happened between the Buena Vista Road and Macon Road exits. There was a total of 13 separate wrecks.

Only minor injuries were reported as a result of the crash and one person was transported to the hospital.

The whole thing started because motorists were driving too fast for conditions.

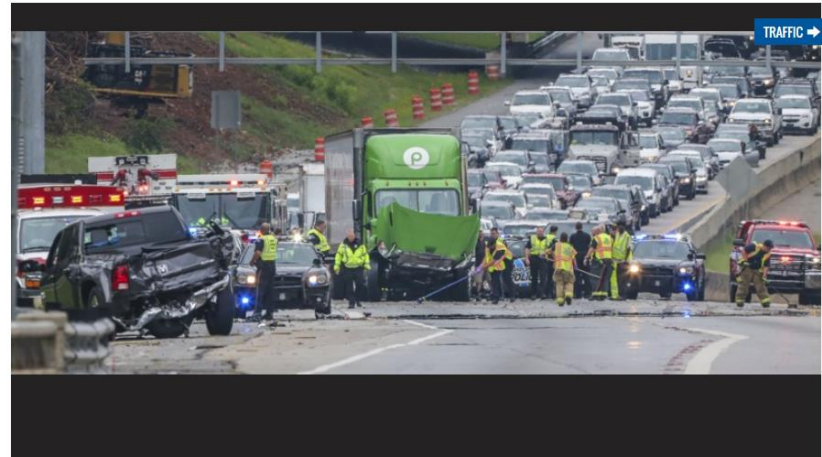
After hours of cleanup and the road being blocked, the road has



Crashes cleared after multi-car wreck on Ga. 400



Ellen Eldridge - The Atlanta Journal-Constitution
Updated 5:03 p.m Tuesday, Aug. 8, 2017 Filed in Traffic



Sandy Springs police and fire along with HERO units halted all southbound traffic on Ga. 400 on Tuesday after a multi-vehicle crash. JOHN SPINK / JSPINK@AJC.COM

Two separate crashes Tuesday afternoon snarled traffic on Ga. 400 South, according to the WSB 24-hour Traffic Center.

Sandy Springs police and fire officials responded along with the Georgia Department of Transportation HERO units and halted all southbound traffic earlier. A second crash near Abernathy added to ongoing delays.

The traffic center reported that up to seven vehicles, including an overturned vehicle, were involved in the original crash near I-285. Early reports gave no other details.

Top (5) Home Security

You Won't Believe Our #1 Pick. 1. Read Review 2. Call & 3. Find Deal.

Best Company Review

Sustainability on Georgia Interstates

- I-85
 - Over past 3 years, numerous concepts implemented
 - Pollenator gardens
 - Bioswales
 - Wattway on-pavement solar panels at Welcome Center
 - WheelRight tire pressure/tread depth monitor at Welcome Center



- And on the horizon
 - Pilot project for solar energy generation at Exit 14 – 1MW, working with Georgia Power and the PSC
 - Roundabout construction (landscaping)
- Significant interest
 - July: FHWA-sponsored peer exchange
 - September 12: presentation to TRB Committee on Future Interstate Study
 - October 1: Weather Channel – “One of the 10 Best Ways to Save the Planet” 8pm ET

Sustainability on Georgia Interstates

- I-16
 - Safety
 - Hurricane Evacuation
 - Forestry Management
 - Farming

