

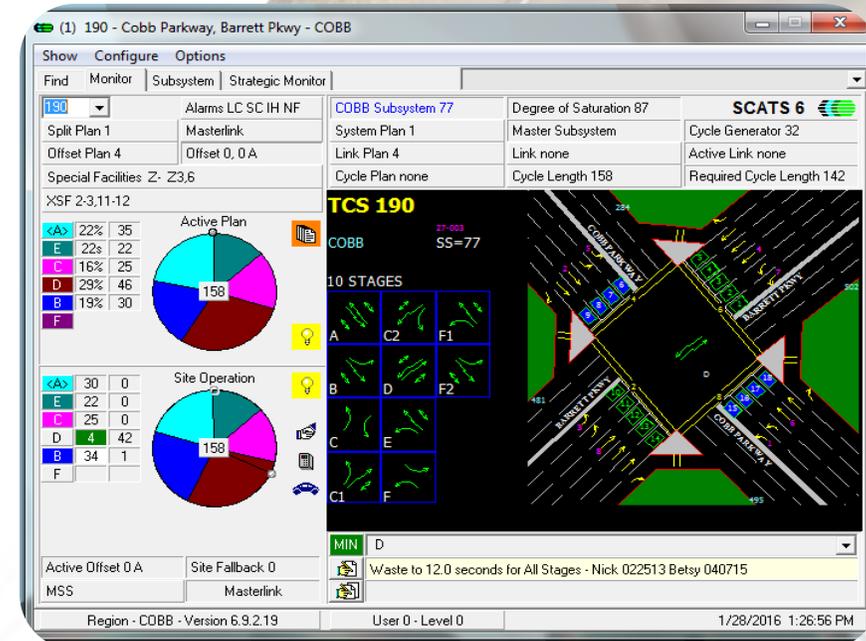
Coastal Region MPO Traffic Management Center Symposium

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Cobb DOT
February 11, 2016



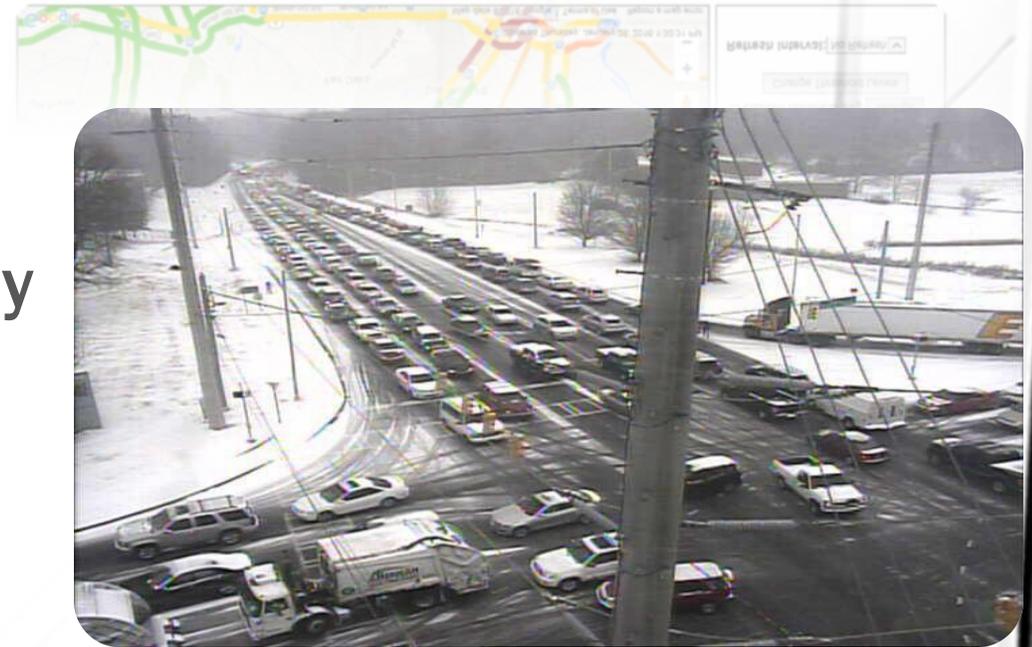
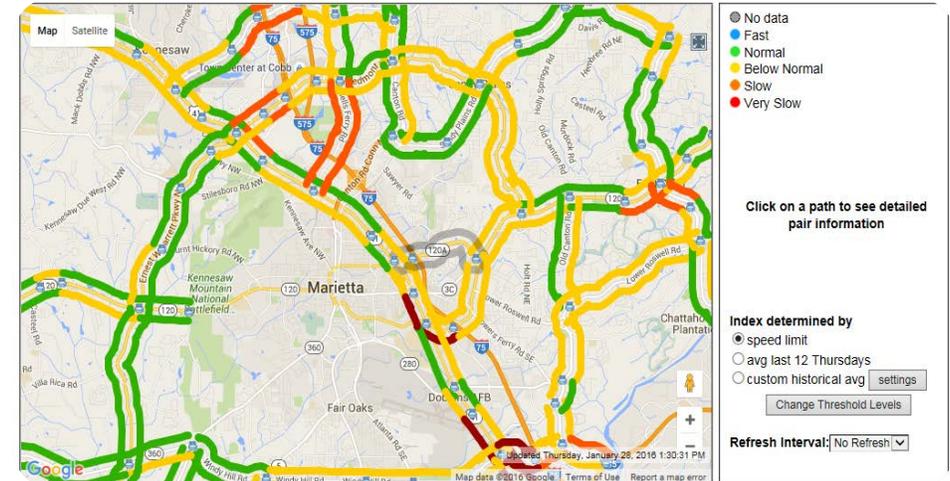
Need and Purpose

- ❖ Arterial based transportation network
- ❖ Peak traffic demand > capacity
- ❖ Control center for ATMS
- ❖ Signal system management
- ❖ Incident and event management
- ❖ Traveler Information Systems
- ❖ Emergency response management



Benefits

- ❖ Improved signal operations
 - Remote evaluation and troubleshooting
 - System diagnostics
 - Bluetooth TTMS
 - Remote timing adjustments
- ❖ Improved access to available capacity
 - Traffic management
- ❖ Improved emergency response



Funding

1993-2015

\$24M

\$1M/yr

	Fed	State	CID	SPLOST	GF
Traffic signal maintenance					X
Traffic signal timing		X		X	X
Signal and ITS infrastructure	X			X	X
Traffic Control Center	X			X	X
Adaptive Traffic Control System	X		X	X	
RTMC	X			X	

Regional Transportation Management Center

- ❖ \$5.5M, Federal funds matched with SPLOST funds
- ❖ Reprogrammed Federal funding from ITS projects
- ❖ Systems Engineering Management Process (SEMP)
- ❖ ROI, 7 years , \$825k/yr



Partnerships

- ✓ Cobb IT Department
- ✓ GDOT
- ✓ Cobb Police, Fire, E911 and EOC
- ✓ Cobb Community Transit
- ✓ GRTA, Atlanta, Marietta
- ✓ Smyrna
- ✓ Braves



Challenges

- ❖ Staffing
- ❖ Network integration with GDOT
- ❖ Maintenance of ITS infrastructure
- ❖ Advancing technology
- ❖ End of life equipment
- ❖ Security



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