

Presented by City Manager Bill Bruton



# Marietta Smart Initiatives

- Pre-emption program
- Travel Safely
- Smart Parking
- Voice Assistance



# Marietta Fire Department

As our City population and job opportunities grow, so does our traffic. This continuous increase in traffic causes our Fire Department's response times to increase. How do we utilize technology to enable our first responders to reach our citizens faster when emergency calls occur?






# Traffic Congestion

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# Additional Stations

Cost of new station = \$4,000,000

  
Fire Station No. 1  
Fire Museum  
Visitor Parking  
Lawrence Street Parking Deck  
Police Department

STATION No. 1

MARIETTA  
MED  
FIRE DEPT.

112  
Haynes



# Traffic Signals

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# Glance Map

## Traffic Management System

glance

Ronnie Barrett - City of Marietta GA

powered by Applied Information

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Search

Name Status A

City of Marietta GA

P\_AI Bus Test 3 Online 0

City of Marietta GA - Marietta Beacons

Bhk\_Park\_Service\_RFB\_Adv Online 0

Bhk\_Park\_Service\_RFB1\_Mtn Online 0

Bhk\_Park\_Service\_RFB2\_Lot Online 0

Church\_SI\_NB\_LL\_RFB Online 0

Church\_SI\_NB\_RL\_RFB Online 0

City of Marietta GA - Marietta DMS

WANCO1 Online 0

WANCO2 Online 0

City of Marietta GA - Marietta Feedback

F\_Burnt\_Hickory\_Rd Online 0

F\_Burnt\_Hickory\_Rd\_NB Online 0

F\_Burnt\_Hickory\_Rd\_SB Online 0

F\_Campbell\_Hill\_St Online 0

F\_Charles\_Ave Online 0

F\_Cherokee\_SI\_NB Online 0

F\_Chestnut\_Hill\_NB Online 0

F\_Chestnut\_Hill\_SB Online 0

F\_Chicopee\_EB Online 0

F\_Chicopee\_SI Online 0

F\_Church\_SI\_SB Online 0

F\_Franklin\_Rd\_NB Online 0

F\_Iroquois\_NB Online 0

F\_Iroquois\_SB Online 0

F\_Kennesaw\_Ave\_NB Online 0

F\_Kiowa\_NB Online 0

F\_Kirkpatrick\_Dr\_NB Online 0

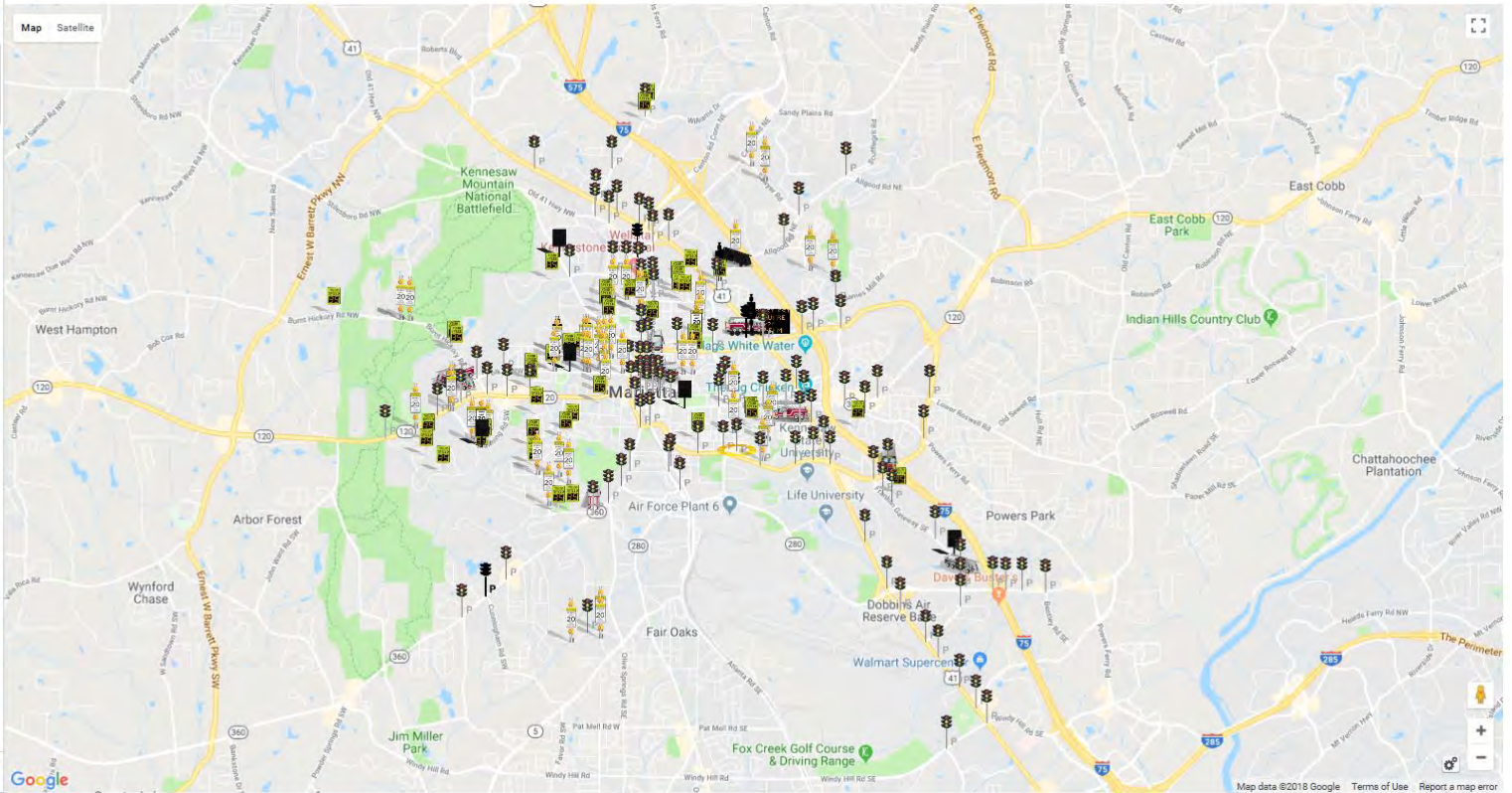
F\_Kirkpatrick\_Dr\_SB Online 0

F\_Lees\_Trace Online 0

F\_Lindley\_Ave\_NB Online 0

Alarms Critical High Low

1 0 1 0



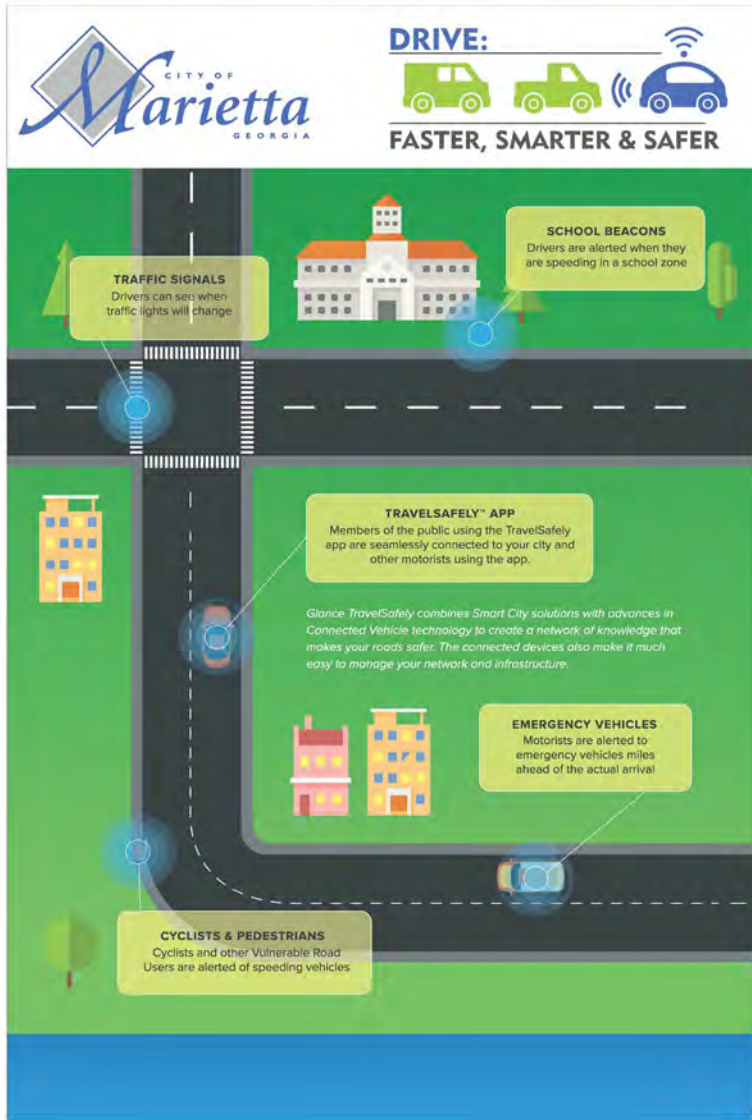
# **Marietta Preemption Program**

- Through the use of city-wide preemption software and wireless communication, the Marietta Fire Department emergency vehicle response time has been reduced by 8 to 10 seconds per intersection.

# Preemption in Action



# Marietta TravelSafely App



Marietta is the only City in the United States with coverage city wide – all devices are connected.

Through the use of the Marietta TravelSafely App in conjunction with Applied Information and Temple, the City is able to tie in the preemption software to the wireless traffic signals and explore ways to help our community travel more safely within our 23 square mile city.



## Get Ready for Green.

With TravelSafely™ you can get where you're going faster, and safer. Join us and together we'll save lives and improve traffic.

Request Beta Invite

# Marietta's TravelSafely App

**The Marietta TravelSafely app is designed to save lives by reducing first responder response time and making drivers, cyclists and pedestrians more visible to each other and improving traffic flow.**

**Marietta TravelSafely connects first responders, school beacons, driver feedback signs, and anonymous smartphones using the app into a connected network.**

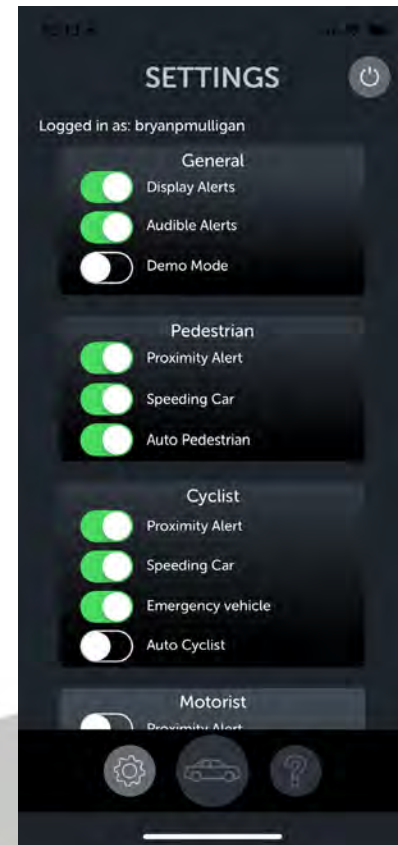
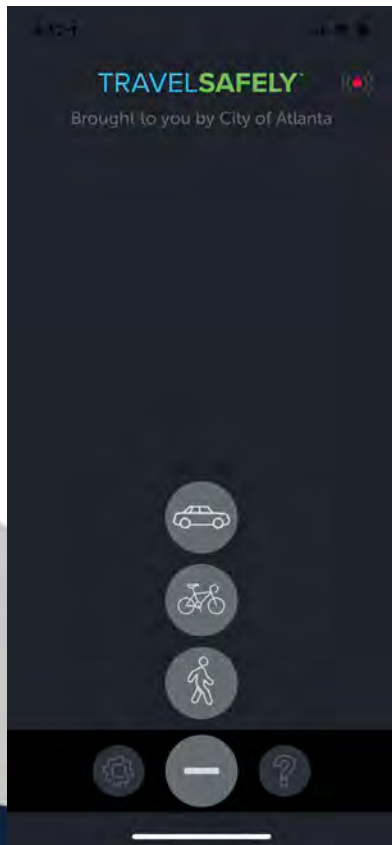
Download the app by visiting  
<http://travelsafelyapp.com/>.

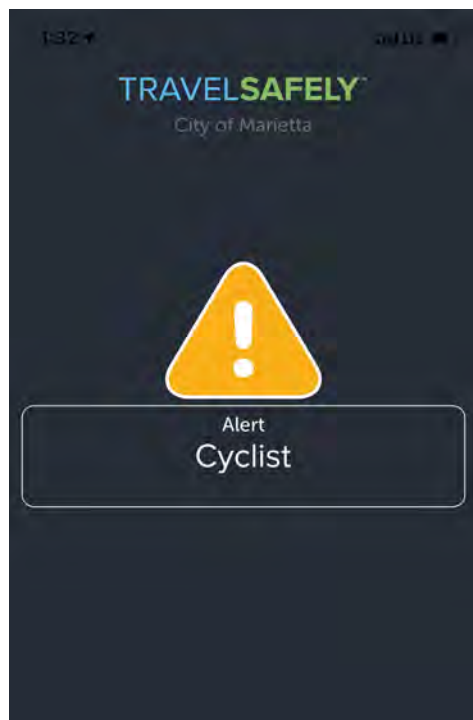
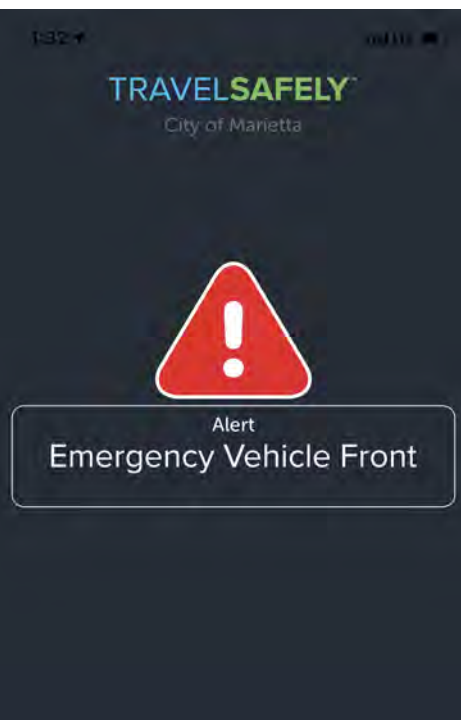
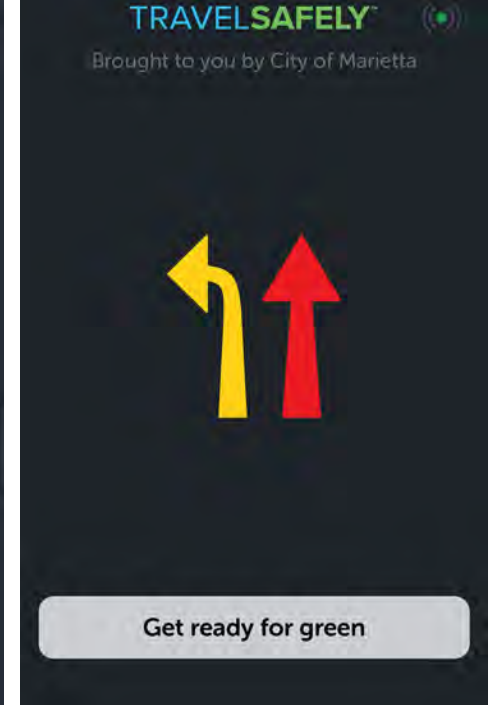
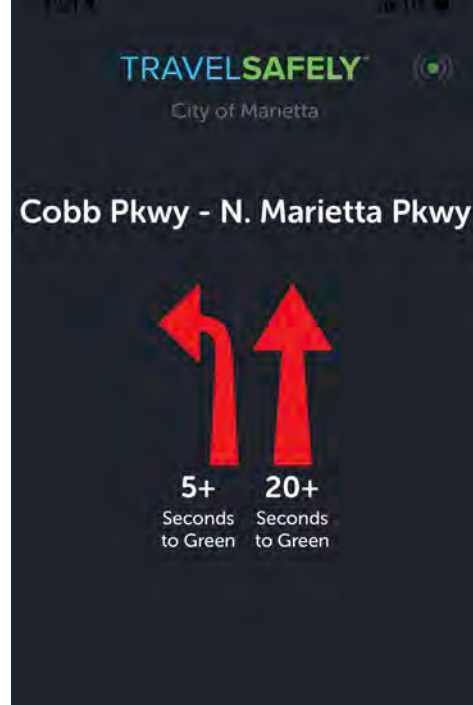
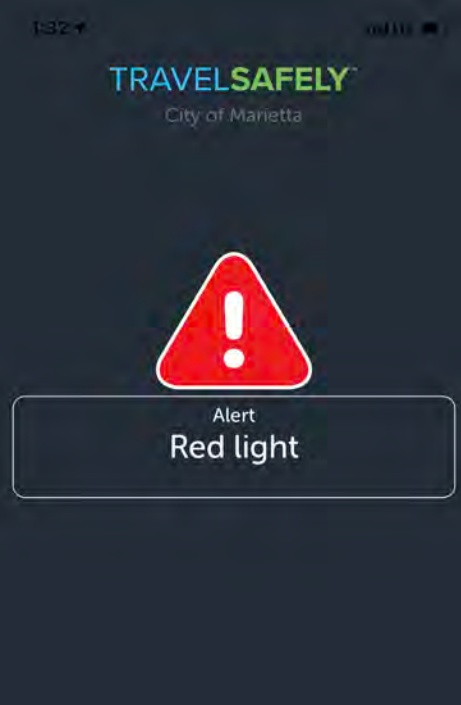


2017 Breakthrough Mobile - Social Impact Award



# Travel Safely Settings





# Travel Safely Alerts

- Communicates with other app users
- Speaks notifications as well as on screen display
- Instant Notifications
- Application will run in the background

# **How the Marietta TravelSafely App Works**





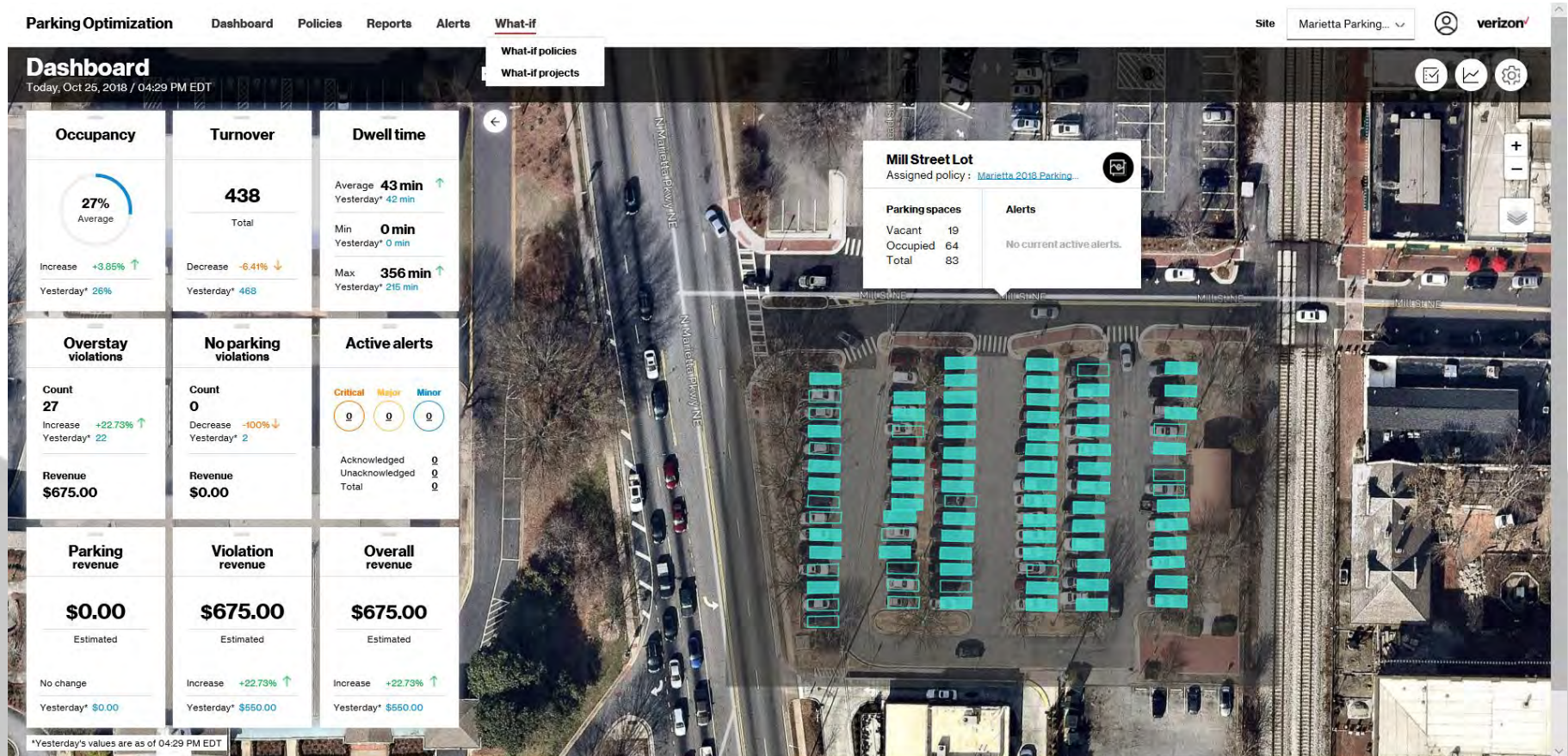
## Integration of TravelSafely App with Cobb County Transit

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# What's next?

- Parking meters
- Voice Assistant



# Smart Parking

- Parking devices
  - LED Lights
  - Sensors with Optics
  - Alerts to Parking Enforcement
  - Citizen facing application



# Questions?

