

January 21, 2025



RETREAT AGENDA

CRTPA DASHBOARD

STATEMENT OF ISSUE

The CRTPA employs the Urban SDK Transportation Management data platform to gather, analyze, and visualize traffic conditions and reporting. The platform provides critical data and supports policy initiatives and efficient decision-making. One feature of the Urban SDK platform is a customized public-facing dashboard, reporting traffic conditions on key segments of major corridors and crash and congestion data for the Capital Region.

BACKGROUND

Through automated reporting, data is collected on average speed, traffic volumes and travel time reliability. Additionally, data on crash locations and types is also reported. This information provides the CRTPA, and local agency and law enforcement partners with information to make efficient and data-driven decisions.

Customized mobility analytics and data visualization is a key feature of the software platform. The Urban SDK platform offers an on-demand repository of data that can be accessed and visually presented using a Studio tool, and select data presented on a public dashboard. Staff can create, share, and save custom reports. In addition, the Studio tool allows staff to go in and add and update datasets.

CRTPA DASHBOARD

The CRTPA's customized dashboard reports data on eight metrics by county or by corridor.

- ***Crashes by Type for each County and Capital Region***
- ***Serious Injury and Fatalities by Modes for each County and Capital Region***
- ***AM/PM Peak Travel Time Index (Congestion)***
- ***Metrics by Corridor***
 - ✦ Monthly Average Speed
 - ✦ Traffic Count
 - ✦ Daily Average Speed during Peak Hour
 - ✦ Crashes by Type
 - ✦ Total Crashes

The corridor metrics, updated monthly, are provided for by segments for select roadways as listed.

- Thomasville Road: US27/N Monroe Street to Metropolitan Blvd.
- Thomasville Road: Metropolitan Blvd. to Bannerman Road
- Apalachee Parkway: US27/Monroe Street to Capital Circle SE
- Capital Circle NE: US27/Apalachee Parkway to Thomasville Road
- US27/N Monroe Street: Thomasville Rd to I-10
- US27/S Monroe Street: Orange Avenue to Thomasville Rd
- US90/Tennessee Street: US27/N Monroe Street to Capital Circle SW
- US90/Mahan Drive: US27/N Monroe Street to Capital Circle NE

The dashboard allows users to quickly take away key relevant information. Also, the dashboard is a beneficial tool to help users identify trends, inform key performance indicators and to communicate insights effectively to stakeholders and the public.