Traffic Management Center Upgrades

Purchase of NoTraffic Mobility Platform:

Hardware and AI Detection Modules

City Council Presentation

September 23, 2025

Traffic Management Center

FUNCTIONS:

- Enhance Mobility, Safety & Corridor Performance
- Remote Monitoring
- Live Surveillance
- Incident Management
- Data Collection & Performance Measures
- Real-Time Alerts
- Signal Coordination & Timing

Existing Radar Detection

- Past Service Life, Warranty, or Nonexistent
  - 195 of 252 Locations (77%)
- Upgrades performed at 57 of 252 locations where detection is required (FY2025).

NoTraffic Mobility Platform

NoTraffic AI Mobility Platform

Edge devices & AI Detection

Edge devices and smart sensors powered by AI

Read more >

Mobility OS

Mobility Store

Operations Center 24/7

NoTraffic Mobility Platform

- Hybrid Detection (Video + Radar)
- Advanced Detection (Up to 720-ft)
- Provides Vehicle Counts & Traffic Analytics
- Provides Controller Status
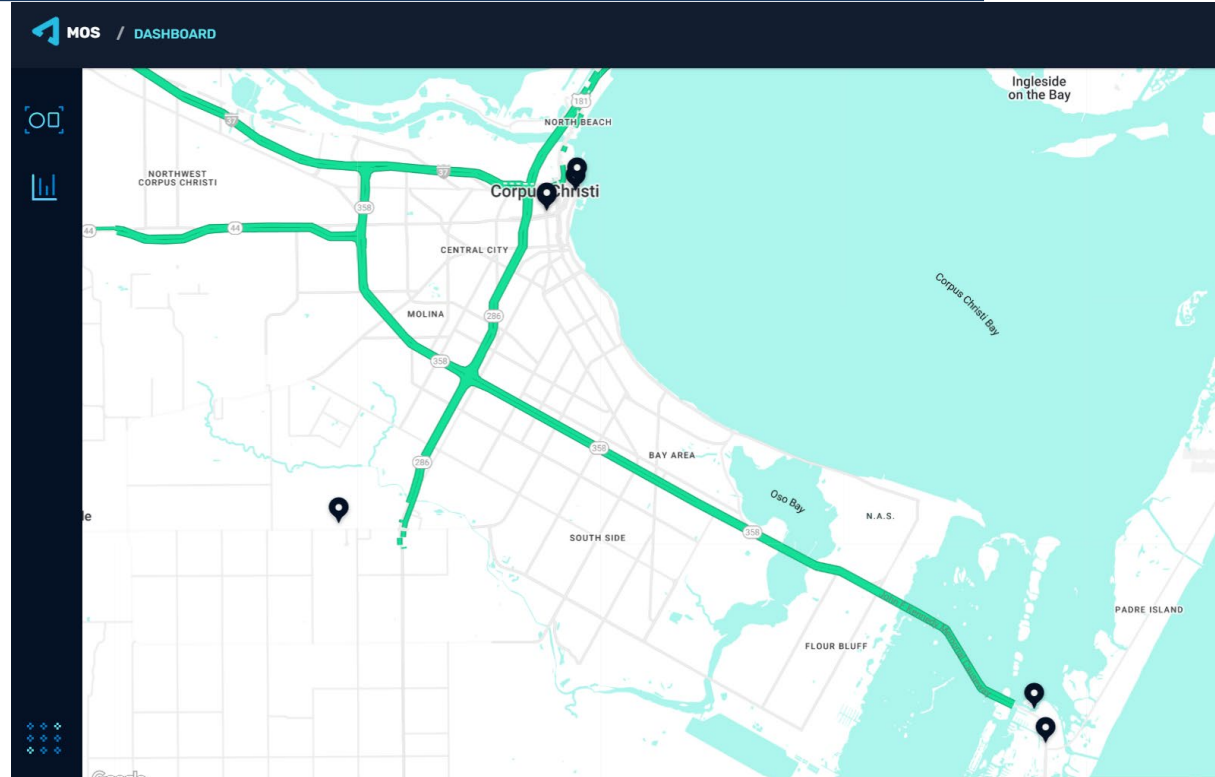- AI Detection
- 24/7 Monitoring
- Signal Timing

Shoreline Blvd 500

NoTraffic Mobility Platform

7 LOCATIONS:

- Park Road 22
  - Aquarius Drive
  - SH361
- Shoreline Drive
  - Peoples Street
  - Lawrence Street
- Staples Street
  - Agnes Street
  - Laredo Street
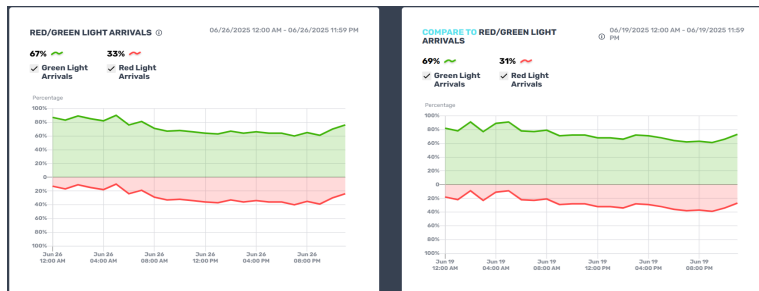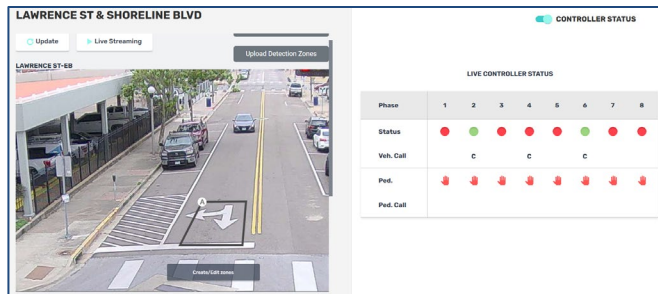- Weber (FM43)
  - London Pirate Road
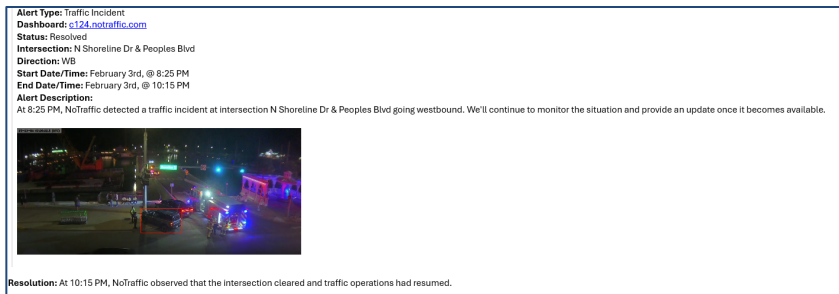
NoTraffic Mobility Platform

Traffic Count & Vehicle Classification

Signal Performance

Live Video & Controller Status

24/7 Monitoring

Recommendation

Purchase NoTraffic Mobility Platform for 77 Intersections - $1,801,985

- Year 1 - $1,432,215 (G.O. Bond 2018 & Street CIP)

- Year 2 - $369,770 (Street Fund)

- Improvements
  - Signal Coordination
  - Vehicle Detection
  - Safety

Year 1 - 61 Intersections	Year 2 – 16 Intersections
Airline Rd (9)	Baldwin Blvd (6)
Kostoryz Rd (11)	Holly Rd (4)
IH 37 (3)	Yorktown Blvd (1)
Shoreline Blvd (3)	Rodd Field Rd (2)
Ocean Dr (6)	Ayers St (3)
Everhart Rd (9)	
Weber Rd (9)	
Waldron Rd (5)	
Horne Rd (6)	