



Traffic Management Center Upgrades



**TMC Video Wall, Traffic Analytic Software, Radar
Equipment and Support Services**



City Council Presentation
September 17, 2024



TRAFFIC MANAGEMENT CENTER



Radar Equipment

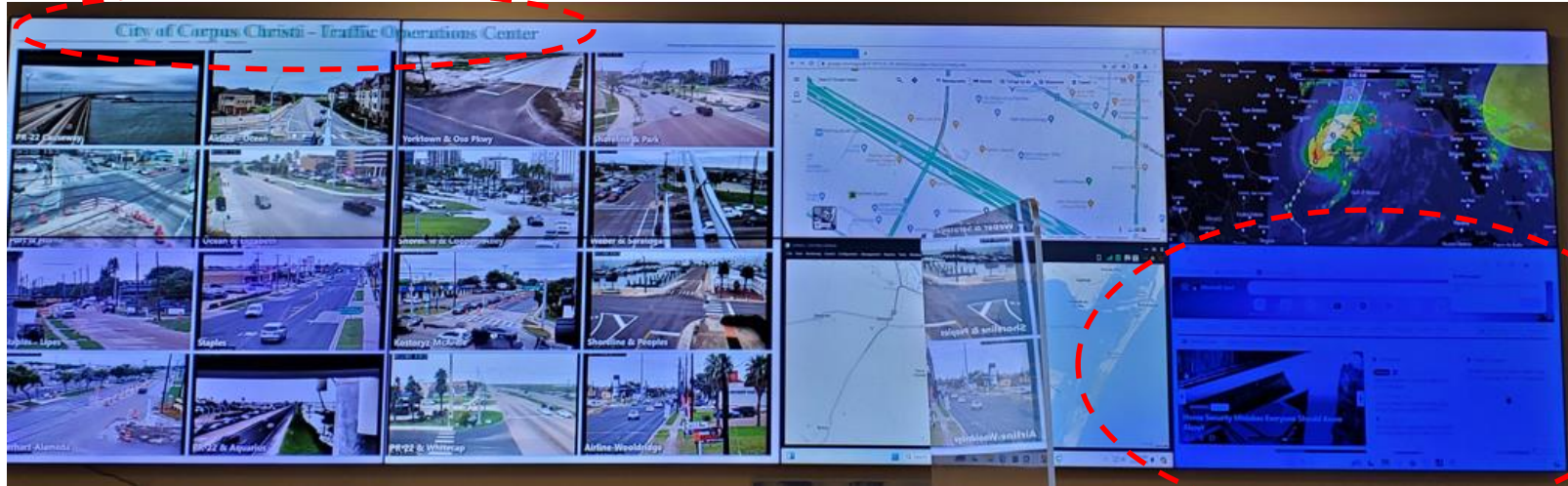


Traffic Management Center

- Activated in 2017
- Monitors Operations of Intersections
- Traffic Management Software & Intelligent Equipment
- Signalized Intersections - 257
- Coordinated Intersections - 0



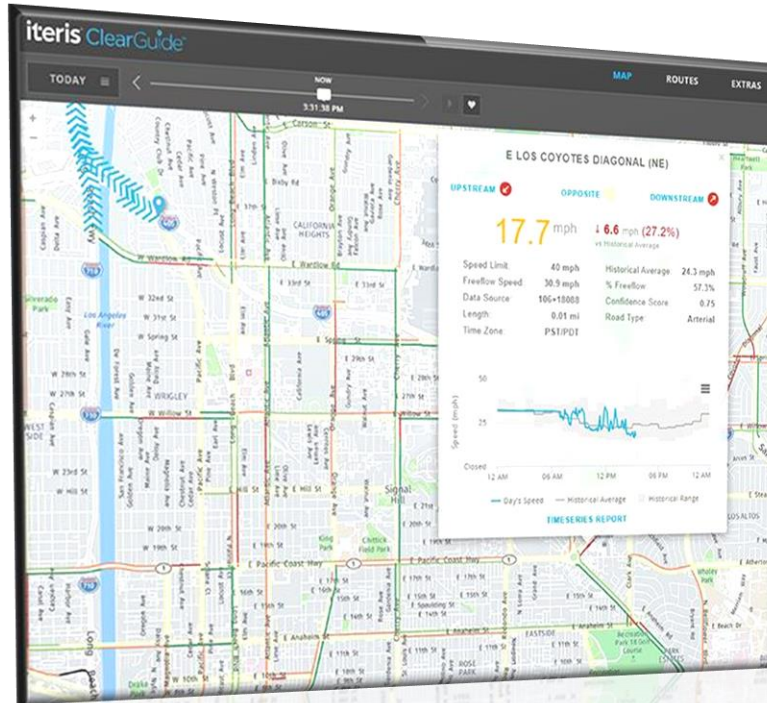
1. Video Wall Upgrade



- LCD Monitors Discontinued in 2018
- Technical Issues (Poor Resolution, Outages, Blue Screen)
- Full Replacement Required



2. Traffic Analytic Software

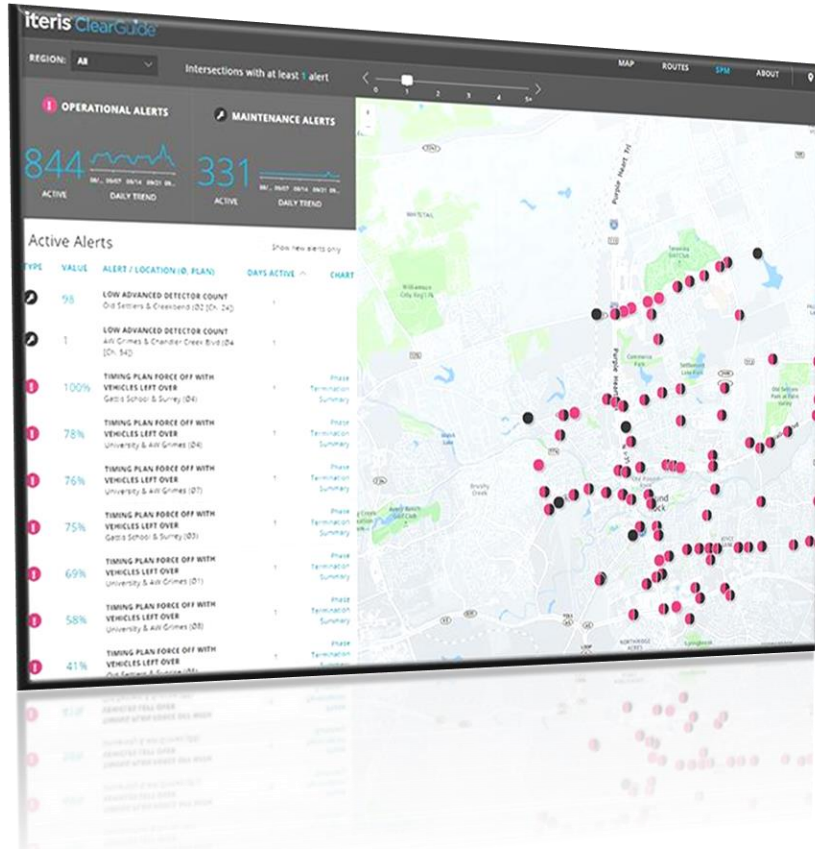


ClearGuide Roadways

1. Focused on **Corridor Mobility**.
2. Real -Time Data.
3. Identifies Trends.
4. Identifies Hot Spots.
5. Provides Alerts.
6. Maintains Historical Data.
7. Reduces Manual Data Collection.
8. Provides Performance Measures.



3. Traffic Analytic Software



ClearGuide SPM

1. Focused on **Intersection Performance**.
2. Recognizes Pedestrian Behavior.
3. Real -Time Data.
4. Identifies Trends.
5. Identifies Hot Spots.
6. Provides Alerts.
7. Maintains Historical Data.
8. Reduces Manual Data Collection.
9. Provides Performance Measures.



4. Radar Equipment



VantageRadius Plus Traffic Sensor



5. Assistance



Licensed Engineer Traffic Support



Recommendation



Authorize Service Agreement with Iteris, Inc. -\$1,156,743.6

- ClearGuide Roadways Software – 3 YRS (257 intersections) - \$231,300
- ClearGuide Roadways Software – 3 YRS (25 intersections) - \$ 51,000
- Advanced Radar Equipment – One time purchase (100 radars) - \$599,850
- Installation and Integration Assistance – One-Time Purchase - \$120,000
- Video Wall Upgrade (8 -55-inch Monitors) -One-Time Purchase- \$154,593.6