Strategic Use of ITS to mitigate the effects of the diversion of Pulaski Skyway’s NB traffic onto NJ Turnpike’s Newark Bay Hudson County Extension
Project Need / Pulaski Contract
Coordination

• Task Force Members
  o Engineering
  o Operations
  o ITS
  o Construction Manager

• Vendors
  o Daktronics
  o Alliance Communications/Backhaul Engineering

• Contractor
Schedule

- Aggressive Schedule to meet Pulaski schedule and Super Bowl restrictions

**LANE CONTROL SYSTEM**
- Define Project Needs
- Design
- Construction
- Testing
- Operation

**PULASKI SKYWAY REDECKING**
- Design
- Construction

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LCS Spacing & Design Considerations
System Components

- Signal Display – Daktronics
- Cabinets
- Radio Communication
- CCTV added for monitoring at locations not covered by existing CCTV
- Electrical power supply from nearby utility poles
The Result

- The temporary LCS effectively increases eastbound capacity by 50 percent, is fully operational, and has already reduced traffic backups on the Turnpike since its launch on March 31, 2014.