

Holland Tunnel

Replacement of the Supervisory Control System –
Planning Authorization

Committee on Capital Programs / Agency Planning

April 28, 2011

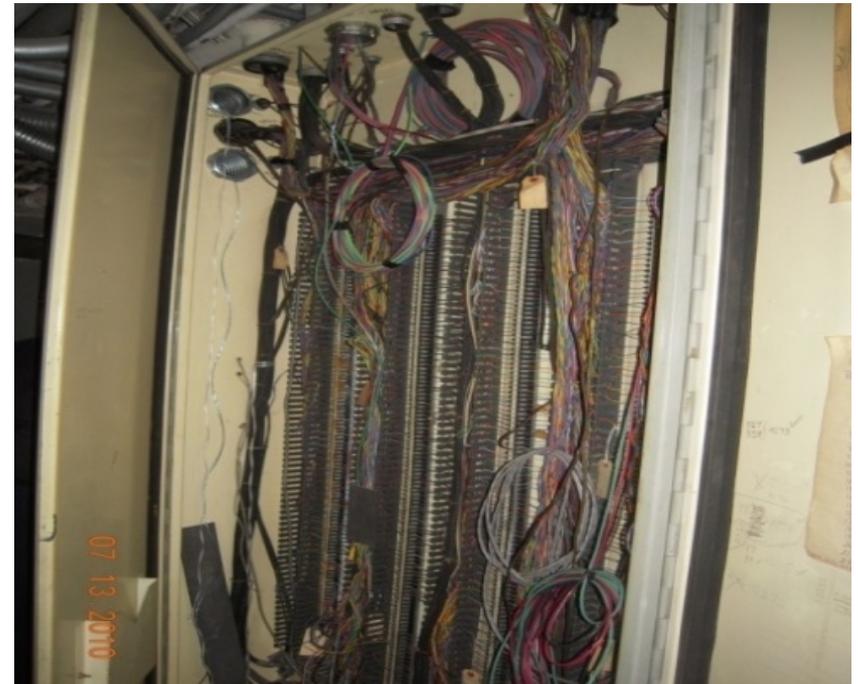
Background

- Monitors and Controls 31 Sub-systems
- Sub-systems Monitored and Controlled Include Fire Protection, Mechanical, Electrical and Traffic
- Most of the Existing System is Over 25 Years Old
- Exceeded Design Life
- Technologically Obsolete

Existing Conditions



Existing Control Board



Relay Panel – Existing
Copper Wire
Communication Network

Benefits

- Provide Reliable Monitoring and Control using a Fiber Optic Network
- Increase Operational Effectiveness
- Reduce Maintenance and Operation Costs
- Allow for Future Expansion

Recommendation

Planning Authorization \$1.3 Million

- Develop a plan to replace the existing supervisory control system (SCS) at the Holland Tunnel