

New Jersey Department of Transportation ITS Term Agreement

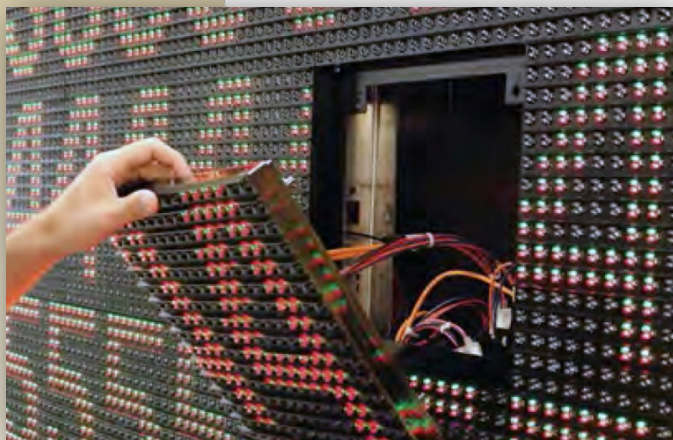
Various Locations, New Jersey



Naik Consulting Group, P.C., (**NAIK**) provided ITS services under a NJDOT ITS Term Agreement. Services included field investigation, identification of electrical power service, determination of power requirements, systems engineering analysis, temporary ITS facilities, wireless point network safety, communications, advance traffic signal design systems, advanced traffic signal coordination. Sample ITS projects included:

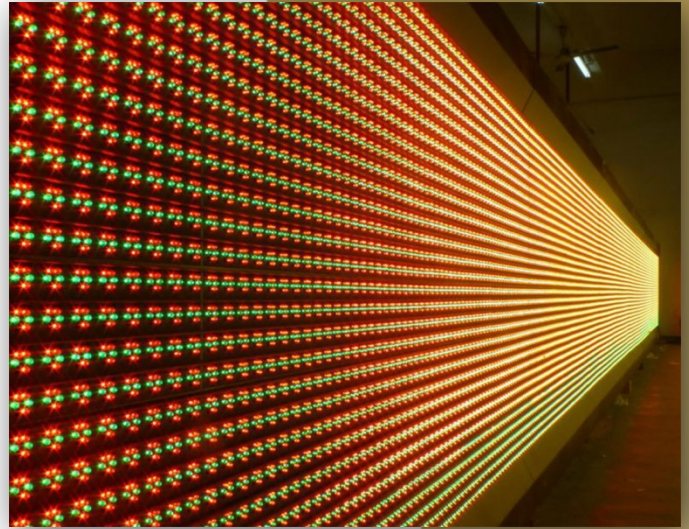
ITS Interim Guidelines: **NAIK** provided providing technical ITS input and quality assurance for ITS Architecture, systems engineering analysis, temporary its facilities, wireless point network safety, communications, advance traffic signal design systems, advanced traffic signal coordination and NTCIP Standards in the preparation of the NJDOT ITS Interim Guidelines.

Route 287, MP 12.9 – MP 20.0: **NAIK** performed field investigation for identification of electrical power service points, coordination with PSE&G and JCP&L utility companies for power upgrades, preparation of will serve letters, review of proposed field locations and visibility of ITS equipment, including surveillance cameras, digital message signs, travel time systems and variable speed limit signs, QA/QC of specifications and design plans including equipment, fiber optic conduit and cable runs, determination of power requirements and adherence. All work was done in accordance with NJDOT Procedures, MUTCD and Traffic Control details, NJDOT ITS Architecture, NTCIP Standards and NJDOT ITS Architecture.



Route 295, Roadway Rehabilitation and ITS Installations, MP 47.5 – MP 57.4: **NAIK** performed field investigation for identification of electrical power service points, coordination with PSE&G for power upgrades, preparation of will serve letters, review of proposed field locations and visibility of ITS equipment, including surveillance cameras and digital message signs, QA/QC of specifications and design plans including equipment, fiber optic conduit and cable runs, determination of power requirements and adherence to NJDOT ITS Interim Guidelines. All work was done in accordance with NJDOT Procedures, MUTCD and Traffic Control details, NJDOT ITS Architecture, NTCIP Standards and NJDOT ITS Architecture.

Route 287 MP 5.9 to 12.9: Naik performed the field investigation for identification of electrical power service points, coordination with utility companies for power upgrades, preparation of will serve letters, review of proposed field locations for the overhead VMS Sign Structures and power locations, and visibility of ITS equipment, including surveillance cameras, digital message signs, travel time systems and variable speed limit signs, QA/QC of specifications and design plans including equipment, fiber optic conduit and cable runs, determination of power requirements and adherence to NJDOT ITS Design requirements. All work was done in accordance with NJDOT Procedures, MUTCD and Traffic Control details, NJDOT ITS Architecture, NJDOT ITS Interim Guidelines, NTCIP Standards and NJDOT ITS Architecture.



Agency/Owner:
New Jersey Department of
Transportation
Project Duration:
2009