

Christopher Russo

Professional Experience

2021-Present

Quanta Infrastructure Solutions Group (QISG)

Lead Power Delivery Construction Manager

ConEdison Rainey to Corona II 138kV UG Cable Installation

- Directly responsible for driving the project's safety, productivity, and quality in the field, minimizing risks, and completing the work in the best interests of QEPC, our clients, and our co-workers.
- Support and facilitate project planning, execution, controls, and closeout to maintain or improve the balance between scope, budget, time, and quality.
- Direct the coordination of field construction operations on assigned projects.
- Administration of the prime contract, construction subcontracts and purchase orders
- Monitor progress of the overall design to maintain or improve the balance between scope, budget, time, and quality
- Manage and drive subcontracts and purchase orders to maintain or improve the balance between scope, budget, time, and quality
- Originate, review, and/or respond to Requests for Information (RFI) and Submittals for constructability; maintains and improves the balance between scope, budget, time, and quality
- Assists with management and control the project budget, schedule, and quality through effective change management
- Manage and enforce the project's QA/QC standards and coordinates QA/QC actions with subcontractors and suppliers
- Manage and enforce the project's Health, Safety, and Environmental standards and coordinates with subcontractors and suppliers to implement their own safety actions
- Responsible for field document control, daily reports and progress photographs
- Objectively assesses the weekly work status of Physical Percent Complete (PPC) for the overall project

2021 OHLA-USA
Sr. Project Manager
Systems & Electric

- Responsible for managing and directing the project team by providing the communication, coordination and necessary follow up to meet project goals and objectives.
- Responsible for maintaining ongoing training and mentoring of the project team.
- Responsible for providing ongoing project information and project reviews as required by management.
- Responsible for coordination of training and compliance measures to ensure project procedures are followed
- Responsible to ensure that the scope of work, schedule and budget are clearly defined and understood by senior management and all project participants, including the client
- Determines controls and maintains overall project and discipline schedules and budgets
- Tracks schedule and budget progress with project milestones and takes all action necessary to keep project on track
- Identifies and secures necessary approvals for all changes in project scope, budget and/or schedule
- Maintains ongoing communication with client, making adjustments as necessary to comply with clients' needs within contractual obligations, or just adjusting project deliverables to meet the client and stakeholders needs
- Responsible to follow and ensures conformance with OHLA-USA policies and procedures, including safety policies.

**2020-2021 Dragados/John P. Picone, Inc./ 3rd Track Constructors
Systems Field Superintendent
Substations, Traction Power & Signals
LIRR 3rd Track Expansion Project**

- In responsible charge of planning, directing and coordination of daily field operations and oversight of the LIRR 3rd Track Expansion Project.
- Responsible for monitoring daily progression of systems installation and integration with regard to electric substations, traction power and signal power.
- Responsible for performing site surveys and inspections in order to adhere to cost controls and project productivity.
- Responsible for coordination between civil, LIRR work force, and electrical subcontractor.
- Responsible for development of Safety Construction Work Plans (SCWP), which lists job sequence, equipment, and potential safety hazards that could arise during the project.
- Responsible for preparation of site explicit construction plans, contractor interface and field engineering assessments.
- Responsible for coordination with the electric utility to schedule electric line clearances, switching orders, new equipment installation, field inspections, etc.
- Responsible for field inspection and testing of new substation, traction power & signal systems in order to ensure safe and reliable operation when placed into service.
- Responsible to enforce policies of accident prevention, sick leave, and personnel development.
- Responsible to provide coverage of management and tactics regarding budgets, schedules, and remedy impacts that affect the inclusive execution of assigned substation, traction power and signal projects.
- Monitoring assigned projects to ensure that they are executed per the project plans and in accordance with construction and contract management standards.

2018-2020 MTA NYC Transit

Superintendent, Signal Capital Construction R&R

Responsible for any or all of the following daily functions that include, but are not limited to:

- In responsible charge of planning, directing and coordination of the daily operation and oversight of the NYCT Signal Capital Construction Department.
- Working in conjunction with NYCT Capital Track Department in order to provide Signal Department support with ongoing and future track rehabilitation projects throughout the NYCT system.
- 24hr inspection, maintenance, repair, renewal, rehabilitation and testing of rapid transit signal train control systems in order to ensure safe and reliable rapid transit operations throughout the NYCT system.
- Supervising the material acquisition and distribution functions of the NYCT Signal Capital Construction Department.
- On-site field management of 24hr emergency response, as designated by NYCT Signal Operations.
- Responsible for material forecasting, acquisition, distribution and fabrication of signal components.
- Assisting senior management with review in the areas of strategic planning, policy and productivity.
- Aid in the development and implementation of new initiatives for maintenance practices, capital construction projects, engineering projects and new technology initiatives.
- Measure project performance using appropriate information technology applications, systems and established processes.
- Communication of project scope, scheduling, and budget with upper managers and contractors.

2017-2018 WSP/Macon Pace Inc.
Railroad Electrical Inspector-CM/LEAD EIC

Directly responsible for coordinating and documenting the efforts of multiple contractors as relates to the construction and commissioning of power supply, signal system, electronic security system and communication rooms. Other responsibilities of this role include, but are not limited to;

MTA NYCT EMERGENCY POWER SIGNAL UPGRADE

- Inspecting construction work for compliance with contract plans, specifications, codes, and regulations
- Preparing Field Inspection reports
- Assisting in responding to contractor RFIs
- Reading and interpreting drawings and specifications
- Providing field measurements and reports for quantities
- Providing shop drawing reviews (as needed)
- Assisting with running and documenting working meetings
- Application of extensive knowledge and field experience in electrical transit station construction to remedy issues as they arise,

Performing other duties as assigned in the following areas/equipment:

Signal Relay Rooms (SRR):

- Identify, inspect & test Transfer Panels
- Protection/Disconnects, Rectifiers & Batteries, Transformers, Equipment Racks
- Energy Distribution Rooms (EDR): Identify, inspect & test Circuit Breakers
- Signals, Insulated Joints (IJ), Stop Machines, Track Switch Machines, Track Circuits, Junction Boxes (Includes signal & switch machines), Cables & Airlines
- Installation of new track wires
- Performing acceptance testing on new switches, air stops, etc.

2012-2016 LIPA / NationalGrid/PSEGLI
Senior Field Supervisor, Operations
Substation Protection & Telecommunications

An integral part of the Substation, Protection and Telecommunication team supporting the Long Island Power Authority (LIPA) management of substation daily activities and contracted assignments located primarily in Hicksville, New York.

Duties include but are not limited to: Supervising of all district electrical maintenance, electrical construction and emergency repair of substation equipment such as 69kV and 138kV Transmission and Distribution Transformers, 13kV High Tension Switchgear and Distribution Circuit Breakers (ACB&VCB), 69kV and 138kV Oil-filled circuit breakers (OCB), 69kV and 138kV Sf6 Gas-filled circuit breakers (GCB), 120/216V & 277/480V Network Protectors, Oil-static cable pump houses, Battery control houses, etc.

Directly responsible for the supervision of crews involving small to large scale Capital Construction projects. Full management of scope, timeline, & budget until completion of project. Instructed crews to perform O&M duties inside the substation to upgrade equipment on the electrical grid and thus improve system reliability.

Responsible for developing and signing on to Electrical Clearances and Switching Orders with the Electric System Operator (ESO) and Distribution System Operator (DSO) to have equipment de-energized, in order for work to be performed safe and hazard free.

Demonstrated the ability to respond to emergencies and work off hours and supervise crews in high pressure emergency situations.

Experienced in the operation and maintenance of high voltage transmission and distribution systems.

Experienced in Managing multiple projects and crews simultaneously while adhering to work methods and safety protocol during a project.

Assigned to System stand-by supervisor duties on scheduled basis.

Assigned to storm restoration duties as needed.

2004 – Present C.R Electrical Contracting, Inc.
Licensed Master Electrician

Responsible for maintaining the daily operations of an electrical company. Tasks included, but were not limited to:

- Planning and layout of multiple projects, reading prints, setting up timelines, preparing bids, as well as coordinating with utilities and other trades to meet specified project deadlines in a timely fashion.
- Direct and supervise employees in the installation, maintenance, and repair of high voltage electrical wiring, electronic equipment and related devices in a safe work environment.
- Extensive knowledge of NEC, electrical theory and codes relevant to industrial, commercial and residential applications.
- Performed business management duties such as maintaining records and files, as well as preparing estimates and invoices.
- Overall knowledge of budget practices, material procurement, work area safety and contract negotiations essential to daily corporate operations.
- Coordinated regularly with LIPA ED&C departments to schedule inspections for new service installations, transformer bank installations, etc.

2009 – 2011 MTA NYC Transit
Power Cable Maintainer/Splicer

Responsible for the installation, troubleshooting and repair of high voltage 600VDC traction feeders and negative return cable systems in manholes running between generating plants, substations, and circuit breaker houses. Installation, splice, and testing of 130VDC control cables and low voltage telecommunications cables throughout subway system.

Duties also included and were not limited to: Calling in to trainmaster and tower in order to set up train flagging and speed restriction on active subway tracks, manhole surveying, job surveys with MS-1, Access & Protection for contractors working in designated areas where damage to cable could occur, working from bucket trucks on elevated structures.

- Installed and spliced 1 5/8" antenna cable in tunnels
- Installation of TTB, CTB, and BTB in manholes and along bench-wall
- Installation of hangers and arms to rack newly installed cables
- Using tone generators, TDR, and Meggers to locate faults in cables
- Talking out control/telephone cables to ensure proper splicing of pairs
- Installed and spliced 2KCmil cable for 600VDC traction and negative return cables
- Mounted and installed buss bars for negative return and equalization
- Installed and spliced 2/0 & 4/0 130VDC battery cables

2008 – 2009 Consolidated Edison Company of NY
General Utility Worker

Job duties were performed throughout the ConEdison underground electric distribution system with primary voltages ranging from 4kV to 33kV and secondary voltages ranging from 120/208V to 277/480V

Duties also included and were not limited to:

- Working in confined space manholes, vaults, and service boxes
- Setting up safe work area on sidewalks, or in traffic
- Wearing proper PPE; harness, vest, hard hat, FR clothing, etc.
- Checking for hazardous gas readings
- Preparing joint sleeves for splices
- Working on live secondary mains and services
- Tying in transformers on primary and secondary sides
- Knot tying, Rigging
- Working from aerial bucket
- Splicing cable to safely ensure that cable is de-energized before handling
- Re-vamping manhole
- Removal of lead wiped splices

1999 – 2004 IBEW Local 25
Electrical/Telecom Journeyman

- Responsible for the installation, maintenance, and repair of electrical wiring, equipment and fixtures in Commercial, Residential, and Industrial applications.
- Installation of Security, Fire, Access, and CCTV systems in Residential/Commercial/Industrial applications
- Installation of Voice/Data network cabling, POTS, PBX, DSL, ADSL, HDSL
- Installation of underground OSP Fiber Optic Cable and Inner-duct systems.
- Installation of DC power systems, rectifiers, grounding for Telecommunications.
- Installation of Fujitsu & Nortel OC-48 and OC-192 systems over SONET for Bell Atlantic/Verizon Central Office
- Diagnosed malfunctioning systems, apparatus, and components using testing equipment to locate the cause and rectify various problems.
- Electrical Journeyman, working from schematics and technical drawings, performing the installation, inspection, testing, repair, and maintenance of high-voltage power distribution systems, high-voltage industrial power cables, and high-voltage power cables routed through conduit in manholes.

Education & Licenses

High School Diploma

1994-1995 Stony Brook University

2004 Obtained Master Electrical License

2004 Obtained NYS Alarm System License

First Aid & CPR

Adult CPR

OSHA/HAZMAT

HAZCOM

HAZWOPER

2009- Obtained NYS Asbestos Handler License

Confined Space Entry

Confined Space Atmospheric Testing

SCBA

Manhole Rescue

LOCKOUT/ TAGOUT

2012- NYSIO Certified for writing electrical clearances

ABB Sf6 Circuit Breaker Training

NERC

FERC

Proficient in Microsoft Office (Word, Excel, etc.), SAP, MAXIMO

Advanced Lockout/Tagout (LOTO) Certification

High Voltage Operational Safety Certification 5kV-27kV

MTA NYCT PMG 123 (February 2018)

MTA NYCT Track Flagging Certification

OSHA 10/OSHA 30

NYCT Signal Design Level 1