

Scott H Collins

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Engineering, Drafting & Project Management

DEGREES & CERTIFICATIONS

Bachelor of Science in Mechanical Engineering, Central Connecticut State University, *New Britain, CT*

Construction Management, Wentworth Institute of Technology, *Boston, MA*

FE Mechanical, NCEES - *(PE Expected Q4 2023)*

30 Hour Construction Safety Training, OSHA

NYCT Track Safety Certification, MTA

SKILLS

- 2D & 3D drafting in CAD
- Design of parts & systems
- Cost & time analysis
- Project scheduling & tracking
- Submittal & RFI process
- Contract negotiation
- Microsoft Office & Adobe
- Construction management software
- Field supervision of installation

PROFESSIONAL EXPERIENCE

Construction Manager, 2018 - Present

New York City Transit - New York, NY

- Oversaw the design, installation and close out of three large citywide capital projects totaling \$100M.
- Managed all submittals, RFI's, change orders, letters, schedules, field installations, contract negotiations and more of large projects from initial design phase through factory acceptance, site acceptance, initial build out, full roll out, substantial completion and close out. Was main reason for keeping projects on time and under budget.
- Was the onsite Engineer in Charge working nights and weekends managing the survey, installation and quality of construction as per design by the contractor while ensuring safety standards were maintained.
- Ran weekly meetings between all stakeholders to identify the needs of the project and coordinate solutions.
- Projects: A37628 Upgrade of Emergency Booth Communication System in 465 Stations \$65M. W32560 Upgrade of Police Radio Antenna in 60 Stations \$25M. C40592 Upgrade of Fire Alarm System in 15 stations \$10M.

Engineering Consultant, 2016 - 2018

S.H. Collins & Company - New York, NY

- Performed engineering, drafting and project management consultation services for architectural, structural and mechanical projects in upwards of \$16M. Spearheaded the engineering process for clients from cradle to grave.
- Services delivered: drafting blueprints, supervising construction, field inspection, bidding and estimating, negotiating materials, fabricating parts, administrating manufacturing departments, developing engineering processes, product development, research and testing, maintenance and repair, technical analysis and reporting.
- Expert in the field of business, architecture, project management, mechanical engineering and design.
- Projects: Design of large scale \$10M industrial production & shipping line that increased productivity by 33%. \$16M Estimating and design of bathrooms and kitchens in high rise residential building in Brooklyn.

Project Manager, 2014 - 2016

Sunnova Solar Energy - Houston, TX

- Simultaneously directed more than a dozen contractor companies across the Northeast from New Jersey to Massachusetts overseeing a portfolio of \$25M in residential solar projects.
- Established protocol for the management department including trending and reporting techniques that identified target projects and implemented solutions that shortened average installation duration by 15%.
- Orchestrated installations through each stage of development including: contract proposal, system design, permit submittal, installment, change orders, RFI's, final inspection, payment, activation and final completion.
- Projects: Managed special taskforce visiting contractors on site to identify & resolve bottle necks in construction. Created new submittal process for contractors that increased the speed of approvals for permits by 10%.

Mechanical Engineer, 2008 - 2014

NuWay - Hartford, CT

- Industrial Engineer collaborating with a talented team streamlining production, automating processes, pinpointing inefficiencies, designing solutions, optimizing maintenance schedules and ensuring safety.
- Headed engineering initiatives composing reports including: complex calculations, CAD designs, BIM's, fabrication and analysis of mechanical parts, production lines, HVAC systems and heavy machinery.
- Drafted 2-D & 3-D drawings of building blueprints, part details, assemblies, as-builts and project proposals.
- Projects: The survey and redesign of industrial pulp blending department including tanks, plumbing & pumps. Redesigned packing division with updated equipment and workflow that increased capability by 20%.