

Waleed Safdar

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EDUCATION

B.Tech., Civil & Environmental Engineering

Dec. 2024

State University of New York (SUNY) at Canton | Canton, NY

Related Coursework:

Pavement Design, Civil 3D, Hydrology & Hydrogeology, Structural Analysis, Sustainability Construction, Engineering Economics

CERTIFICATIONS & TRAINING

SIRR Track Training

June 2024 - June 2026

MTA Track Training

June 2024 - June 2026

OSHA-30

May 2024

NYS DOT Concrete Field-Testing Technician Certification

July 2023 – July 2028

Supervisor Site Safety Training

October 2025

SKILLS

AutoCAD, 3D CAD, BIM Revit, Sap 2000, Bluebeam, Procore, Autodesk, MS Project, Quantity Take-offs, Concrete Testing

WORK EXPERIENCE

Assistant Project Manager | Sinclair Construction Management | New York, NY Dec. 2025 – Present

- Worked closely with the Project Manager and Superintendent on 13-story new construction project, helping manage daily site and office activities.
- Handled RFIs and submittals, including preparing tracking, following up, and coordinating responses with engineers, architects and subcontractors.
- Helped keep the project schedule on track by assisting with look-ahead planning and coordinating upcoming work with the field team.
- Took part in weekly project and coordination meetings, prepared meeting minutes, and followed up on action items.
- Supported the Superintendent in the field by helping resolve day to day issues and coordinating between the site and the office.
- Communicated with subcontractors to clarify scope, drawings and sequencing to avoid delays.
- Maintained project logs and documentation, keeping records organized and up to date.
- Assisted with materials tracking and submittal approval to make sure work in the field was not delayed.
- Provided general support to the PM as needed, stepping in whenever required to keep the project moving.

Project Engineer | Hunter Roberts Construction Group | New York, NY April 2025 – Nov. 2025

- Manage and track project documentation, drawings, submittals, RFIs, materials, correspondence, and contracts for multiple scopes of work.
- Assist Project Manager and Superintendent with trade coordination, scheduling, procurement, and quality control.
- Conduct quantity take-offs, manage subcontractor bidding processes, and support project closeout documentation.
- Ensure all work meets schedule milestones, quality standards, and site safety requirements through consistent trade supervision and issue resolution.

Healthcare Project

- Northwell Health SIUH Prince's Bay – Multi-phase, 50,850 SF roof replacement across 4 hospital

buildings.

- Installed tapered Siplast roofing system with selective abatement, demolition, drainage upgrades, and HVAC modifications.
- Coordinated HVAC shutdowns and patient relocations to maintain hospital operations during construction.
- Managed two-shift workflow (abatement mornings, waterproofing evenings) to reduce weather risk and deliver within a one-year timeline.

Interior Fit-Out Project

- Hospital for Special Surgery (HSS) – ~32,000 SF Ambulatory Surgery Center (ASC) fit-out across basement through 4th floors.
- Delivered 24,000 SF 3rd-floor ASC with 10 Pre-Op/PACU bays and 3 Operating Rooms (2 complete, 1 shell for future).
- Constructed new entry lobby, stair, and elevator core connecting multiple floors.
- Built supporting spaces: nurse station, Central Sterile Processing Dept., waiting area, staff lounge, and locker rooms with showers.
- Installed (2) air handling units, (2) electrical distribution rooms (normal & emergency power), and core MEP infrastructure.
- Coordinated basement elevator pit, 2nd-floor pass-through, 4th-floor elevator machine room, and exterior generator/HVAC pads.

Field Engineer/ Estimator (Intern-CO-OP) | OHLA USA | New York, NY June 2024 – Dec. 2024

- Worked on a \$557 million contract with the MTA.
- Met daily with inspectors to review work progress, T&M sheets, labor, equipment, and materials
- Invoiced vendors for required items and coordinated with supervisors to track daily work and materials usage
- Analyzed construction drawings to perform quantity take-offs and developed estimates based on schedules and project plans
- Conducted subcontractor outreach to obtain competitive quotes
- Reviewed material specifications to ensure compliance with project standards and requirements

Capstone Project – Civil & Environmental Engineering Tech. | SUNY Canton Aug. 2023 – May 2024

- Designed, constructed, and tested a concrete structure reinforced with glass FRP, focusing on cost-effectiveness and structural integrity
- Completed the full project cycle, from design and materials selection to construction and load testing

Intern – New York State Department of Transportation | New York, NY. May 2023 – Aug. 2023

- Assisted on a \$32M bridge painting project across multiple NYC boroughs, performing site inspections and compliance checks
- Certified as a Concrete Field-Testing Technician and applied testing methods on active construction sites
- Partnered with licensed Professional Engineers to review and process contracts, verify pay applications, and ensure adherence to labor wage regulations
- Conducted detailed bridge surface area calculations, traffic signage inspections, and condition assessments to inform maintenance and repair strategies
- Compiled inspection findings and site measurements into comprehensive reports for Residential Engineer approval.
- Actively participated in biweekly progress meetings with contractors and project managers to monitor milestones, address technical challenges, and coordinate upcoming work activities.

LEADERSHIP & VOLUNTEER EXPERIENCE

Vice President – American Concrete Institute, SUNY Canton

Aug. 2023 – May 2024

- Represented SUNY Canton as one of ~40 international teams in the American Concrete Institute FRP Composites Competition
- Led a four-member undergraduate team through the complete project lifecycle — from designing a glass FRP-reinforced concrete structure and optimizing material usage, to construction and load testing
- Developed a proprietary mix design and construction process, incorporating sustainability principles and cost-efficiency analysis
- Achieved 2nd place nationally and 8th place internationally in the team's first competition entry
- Presented technical findings at the ACI International Conference in New Orleans, LA as the only undergraduate team selected to present

Steel Bridge Team – ASCE & AISC, SUNY Canton

Sep. 2021 – Jun. 2023

- Contributed to the design, analysis, fabrication, and testing of steel bridge components for regional and national competitions
- Utilized SAP2000 and CAD software to optimize structural performance and ensure compliance with competition specifications
- Served on both the Design Team (2022–2023) and Statics/Build Team (2021–2022), gaining experience in structural calculations, load testing, and precision assembly
- Helped the team secure 2nd place regionally (2022 & 2023) and 20th place nationally out of 200 teams at the 2022 National Competition
- Collaborated with multidisciplinary teammates to troubleshoot structural issues, improve assembly time, and meet weight and deflection requirements under competition constraints