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# Jeffrey L. Gargoshian

2688 S. Red Pine Ln, Brimley, MI 49715  
jgargoshian@baymills.org c(440) 520-0298

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## **OBJECTIVE**

An opportunity to earn advancement in the construction industry through hard work, intelligence, industry experience, precision, success and a commitment to excellence

## **EDUCATION**

Bachelor of Science, Construction Management, Michigan State University, East Lansing, MI – Graduated Dec 2007

Executive MBA, Eli Broad College of Business, Michigan State University, East Lansing, MI – Graduate April 2025

## **WORK EXPERIENCE**

**September 2023 – Present**

**Bay Mills Indian Community**

**Brimley, MI**

### ***Construction Manager (BMIC)***

*Ongoing Multiple Projects for the Bay Mills Indian Community*

Responsible for oversight of all construction and demolition projects for BMIC, BMBH and BMGA. Responsible for updating the Tribal Manager on all projects with regard to safety, schedule, budget and quality. Provide support to grant writing department with preliminary estimates and schedules. Responsible for serving as the BMIC CM Owner's representative for coordination with prime contractors, subcontractors, suppliers, customers, government representatives, inspectors, etc. Coordinate with managers of Tribal Government Maintenance and the Tribal Public Works Dept to plan construction, janitorial and preventative maintenance for residential, commercial and government buildings. Responsible for Tribal facilities management which includes managing blueprints, floor plans, engineering designs, environmental assessments, etc. related to government facilities. Responsible for creating and maintaining plans for facility upgrades and maintenance needs. Direct and supervise the preparation of design drawings, preparation of specifications, coordination of inspections, generation of cost estimates, coordination of contractors, architects and engineers for proposed construction. Responsible for dispute resolution between construction entities. Direct and supervise survey work, property preparation, design drawings, specs, contracts, etc. for Tribal water, sewer, drainage, roads, sidewalks, buildings and recreational facilities. Coordinate with consultants and local, state and federal officials to obtain licenses and permits for construction and maintenance. Submit bi-weekly progress reports to the Tribal Manager on all construction projects. Monitor to ensure that all construction projects comply with legal requirements including safety and building regulations. Provide recommendations to the Tribal Manager and Executive Council on existing buildings and new construction with regard to updated building codes. Schedule and perform inspections as necessary. Responsible for identifying construction project needs and long term planning for roads, infrastructure, structural maintenance or building improvements. Assist the Grant Management Dept and Dept Managers with project financial oversight to ensure projects are within budget and funds are allocated according to the approved schedule of values.

**September 2022 – August 2023**

**Chesapeake Tunnel Joint Venture**

**Virginia Beach, VA**

### ***Senior Project Engineer (Dragados USA)***

*Parallel Thimble Shoal Tunnel Project, \$756 Million Project for Chesapeake Bay Bridge and Tunnel Commission*

Responsible for planning, cost forecasting and engineering all marine aspects of work on the project. Designed and procured a hoisting cage for the Norbit multibeam survey boat performing hydrographic scans for marine production dredging and rock placement. Performed hydrographic surveys and survey cleaning/processing using Hypack software. Took over marine surveying responsibilities when survey manager resigned. Scheduled training with Seafloor survey boat manufacturer for survey boat operation for marine engineers. Scheduled training with Hypack for hydrographic software operation for marine engineers. Mentored marine engineers in work plan compilation and AutoCAD operations. Managed forecasting cost procedure on a quarterly basis. Contributed to the presentation of PCO 018 claim to the owner with 3D drawing and video compilation. Assisted with interviewing and hiring marine engineers. Managed the survey, compilation and submittal procedures for the marine surveys submitted to the owner. Performed maintenance and modifications to survey boat. Assisted marine subcontractor Seaward by performing marine surveys for production work. Reviewed marine engineer's work on a daily basis.

**July 2021 – August 2022**

**Fluor/Dragados/AECOM, JV**

**Detroit, MI**

### ***Siphons Project Engineer (Fluor)***

*Gordie Howe International Bridge Project, \$5.7 Billion Project for the Windsor Detroit Bridge Authority*

Responsible for planning, cost forecasting and engineering all heavy underground aspects of work on the project. Designed and managed installation of large diameter one-piece temporary steel flume sewer pipes using steel collars, oakum and deneef chemical grout. Responsible for generating open cut or support of excavation designs for all siphon sites in 3D. Managed and compiled all Siphon group 3D renderings for temporary work. Responsible for mentoring and contributing to Siphon Field Engineer's development. Reviewed and consolidated three week look ahead schedules. Conducted all Siphon weekly staff meetings. Managed, generated and reviewed all Siphon group temporary engineering such as: SOE, crane pads, concrete formwork, falsework, pump arounds, sliding shoring boxes, etc. Recognized problems to prevent cost and schedule loss. Responsible for managing and providing updates for quarterly cost forecast updates. Reviewed and compiled crane pick plans. Managed subcontracts and comparatives. Tracked and documented field engineer's attendance. Compiled material procurement contracts and comparatives. Ensured Siphon work didn't incur any non-conformance reports. Managed Siphons group cost accrual process. Provided scheduler Siphons updates for project CPM schedule. Managed improvements to methodology to save cost, improve quality and save schedule, specifically in the elbow block-outs. Improved methodology to precast box sewer transition construction.

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Recognized numerous design deficiencies and managed numerous RFIs to receive design clarification prior to construction. Encountered an existing artesian well and hired a subcontractor to seal the well at bedrock. Managed the instrumentation planning to optimize instrument installation to eliminate unnecessary cost. Collaborated with GLWA, DWSD, WDBA, Wade Trim, DTE, etc for utility coordination, rerouting and design input by utility agencies. Optimized stop log design to avoid design conflicts with rebar and chamber geometry. Recognized differing site conditions to notify designer so design could be adjusted prior to construction to avoid delays. Optimized flume support to speed construction of Siphon chambers. Optimized concrete elbow block reinforcement from WWF and rebar to solely steel fiber reinforcement.

**March 2020 – July 2021**

**Chesapeake Tunnel Joint Venture**

**Virginia Beach, VA**

**Marine Project Engineer (Dragados USA)**

*Parallel Thimble Shoal Tunnel Project, \$756 Million Project for Chesapeake Bay Bridge and Tunnel Commission*

Responsible for planning, cost forecasting and engineering all marine aspects of work on the project. Recognized, compiled and managed a \$250K deduction from a major material supplier due to substandard fabricated material received. Responsible for compiling bi-weekly production updates to upper project management. Managed and compiled all marine group 3D renderings for temporary work. Conducted weekly marine engineering meetings to contribute to field engineer's development. Reviewed and consolidated four week look ahead schedules. Conducted all marine weekly staff meetings. Managed, generated and reviewed all marine group temporary engineering. Responsible for recognizing problems to prevent cost and schedule loss. Responsible for managing and providing updates for quarterly cost forecast updates. Reviewed and compiled crane pick plans. Compiled subcontracts and comparatives. Tracked and documented field engineer's attendance. Conducted morning marine staff daily meetings. Reviewed and approved all marine invoices. Compiled material procurement contracts and comparatives. Compiled a quarterly marine equipment forecast. Ensured marine work didn't incur any non-conformance reports from the Quality Control group. Managed marine group cost accrual process. Provided scheduler marine updates for project CPM schedule. Managed improvements to methodology to save cost, improve quality and save schedule. Assist CM as needed.

**July 2019 – February 2020**

**ASI – Dam and Water Resource Constructors**

**Atoka, OK**

**Project Engineer (ASI)**

*Atoka Dam and Spillway Rehabilitation, \$29 Million Project for Oklahoma City Water Utilities Trust*

Responsible for planning and providing engineering for the Roller Compacted Concrete (RCC) portion of the job. Successfully executed the RCC test section work. 3D modeled the RCC stages of work for planning including equipment radius capacities and clearances. Responsible for submitting all reports and information required by the project specifications for the RCC work daily. Responsible for ordering and tracking raw materials for RCC work. Responsible for tracking daily cost related to RCC. Ensured that the MH/CY production rate was trending toward being under budget for RCC work. Responsible for mentoring engineering staff and encouraging career development by helping them gain proficiency, utilizing current technologies, providing opportunities to gain experience, promoting interest, working as a team and providing challenging problems to solve. Used Autocad Civil 3D 2019 to generate .xml surface files to upload into Topcon Office 3D to generate .tn3 lift surface files to use with the Komatsu intelligent dozer's GPS navigational system used for automated grading which provided a substantial increase in production rates for construction of a 24,000 CY earth embankment dike. Responsible for tracking and monitoring all daily cost related to dike construction. Compiled drawings for Carpenters to build a plywood template for formsaver installation locations where an Ogee weir wall intersects a straight wall in a tight clearance spot. Provided an Autocad 3D model of the Ogee weir corner to a foam blockout vendor. Responsible for generation of all 3D Autocad and 3D drawing production for the project. Established engineering dept cost code tracking system for the project which included: MH tracking, qty tracking, daily production rate vs budget production rate, trend charts, etc.

**June 2018 – July 2019**

**Interstate Highway Construction**

**Tulsa, OK / McAlester, OK / Enid, OK**

**Project Manager – Airfield Concrete Paving (IHC)**

*\$14.5 Million Tulsa International Airport Project for Tulsa Airports Improvements Trust, \$4.6 Million McAlester Regional Airport Project for the City of McAlester, Oklahoma, \$7.8 Million Project for Vance Air Force Base, Enid, Oklahoma*

Scope included: existing concrete removal and crushing, cement treated base installation, concrete paving, batching concrete onsite, QC/QA testing onsite, lime soil conditioning in shoulders, aggregate installation in shoulders, asphalt shoulder placement, airfield electrical installation of lights and signs, underdrain and outfall installation, storm drain network construction, joint widening and sealing, sod installation, striping installation. Responsibilities included: Management of cost control and project profitability, maintaining positive owner relationships, resolving disputes, addressing personnel behavioral issues, identifying opportunities to provide added value to the Owner's experience, preparing project reports for executive management, preparing the project progress payment application and obtaining approval, preparing and distributing the delay notices to the owner per contract, compiling financial forecast reports, using viewpoint software for project management, engaging procurement early to assist with obtaining a lower purchase price for materials, generating a schedule of values, compiling a resource loaded project schedule, responsible for negotiating and executing all change orders, tracking and monitoring all daily cost reports, updating labor and unit projections, optimizing project efficiency, updating the weekly schedule for progress meeting with the Owner using Primavera P6 software, assessing and adjusting personnel needs to keep the project on schedule, using HCSS Heavybid software to compile change order estimates, demonstrating leadership in safety, responsible for onsite leadership for high risk project activities, ensuring proper current project documentation is in place ahead of its expiration, project EEO officer duties, responsible for ensuring project DBE requirements are being met, conducting daily project coordination meetings, responsible for keeping the project redline

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as-built drawing set current, mentoring project staff to promote career development and successful project execution, responsible for progress updates provided to Division Manager and Corporate Managers, maintaining subcontractor back charge log, negotiating subcontractor change orders, communicating directly with subcontractors regarding project cost, staffing and scheduling requirements, approving payments to suppliers and subcontractors, monitoring project closeout, reconciling final project quantities with backup, processing final change orders, processing final releases from agreements, obtaining letter of acceptance from the owner, sending letters of gratitude upon project completion to suppliers, subcontractors, engineers and the Owner.

**July 2017 – January 2018**

**McNally/Kiewit JV**

**Cleveland, OH**

**General Superintendent (McNally)**

*Doan Valley Tunnel Project - \$145 Million Project for North East Ohio Regional Sewer District*

Responsible for managing construction of 23ft - 59ft diameter 32ft -100ft deep shafts and near surface structure excavations using: liner plate ring beam installation, rock excavation, rock bolt installation, shotcrete application and soldier pile / lagging support of excavation. Responsible for managing the construction of 10,000ft of 20.5ft diameter main storage tunnel and two 12ft diameter conveyance tunnels at 3,000ft and 6,400ft lengths. Responsible for the management of the overall project schedule, identifying actual or potential schedule problems and working to ensure schedule activities would finish ahead of their scheduled completion date. Managed clearing and grubbing operations, temporary utilities for project office trailers, concrete placement for office trailer temporary foundations, shoring of an existing underground culvert under the main site, temporary bridges over active natural gas mains through main site. Managed specialty subcontractors. Responsible for procurement, evaluation and management of field personnel. Responsible for providing input regarding constructability to engineering staff and implementation of work plans by field personnel. Responsible for the safety of all office and field personnel. Responsible for identifying risk and implementing measures to mitigate risks. Responsible for overall budget of construction operations, identifying actual or potential budget overruns and working to ensure operations would complete under budget. Responsible for identifying cost variances and eliminating any cost variances compared to budget. Responsible for ensuring necessary equipment and materials arrived onsite before they were needed for the work. Responsible for communicating quality expectations to the field staff, making sure field personnel understood the work plan and responsible for ensuring the quality of the finished construction. Responsible for controlling waste and theft from the project. Managed overall project site cleanliness and housekeeping. Reviewed all field personnel timecards for accuracy, correctness and completeness. Maintained project daily operations log. Responsible for identifying and managing change orders and claims. Responsible for supervision of the unloading of materials and equipment. Responsible for providing direction and solving problems between all parties.

**September 2013 - July 2017**

**Impregilo/Healy/Parsons JV**

**Washington, D.C.**

**Senior Office Engineer / SOE Engineer (S.A. Healy)**

*Anacostia River Tunnel Project - \$253 Million (Design Build) Project for District of Columbia Water Authority*

Responsible for managing 60ft diameter 110ft deep shafts and near surface structure excavations through a variety of methods: soldier pile and lagging structures, AZ36 sheet piles, grouted soil anchor, shotcrete, and slurry wall shaft construction. Designed shaft invert slab rebar mat shoring systems. Designed CSO bypass systems for maintenance of existing flows, supervised dewatering well system installation. Managed procurement, design, and construction of sheet pile SOE systems utilizing large spans, deep excavations and heavy steel struts and walers. Managed design and implementation of TBM cradle and jacking frame for the 26ft diameter EPB TBM constructing 12,500ft of soft ground tunnel. Responsible for coordination with Owner/EOR/CM to ensure construction compliance with design-build contract drawings under development. Responsible for subcontractor supervision and supplier coordination to ensure materials arrived before needed., Responsible for preparation of work plans, conducting preconstruction meetings and implementation of the work plan by field personnel., Responsible for identifying change orders and management of claims. Responsible for supervision and management of day-to-day site operations regarding support of excavation construction on seven project sites. Created, reviewed for accuracy and approved time cards.

**March 2013 - September 2013**

**Tutor Perini Corporation**

**Long Island City, NY**

**Field Engineer / Excavation Superintendent (Tutor Perini)**

*East Side Access, Queens Plaza Substation and Structures – \$261 Million Project for Metropolitan Transportation Authority*

Responsible for managing soft ground and rock excavation, including drill-and-blast operations, rock mucking and rock bolt installation. Managed concrete wall formwork, planned dewatering for structure excavation, performed cost tracking and complied crane pick plans. Performed estimates for change order work using HCSS and budgetary analysis for ongoing contract work for executive financial forecasts. Responsible for leading the field personnel to perform the work safely. Responsible to identify cost overruns compared to budget in operations and eliminate excess cost. Responsible for completing schedule activities ahead of scheduled completion. Responsible for identifying opportunities to improve the efficiency of production operations for review by senior management. Responsible for supervision of field crew. Compiled the work plan for tunnel concrete operations to construct the track bed and walking platforms. Compiled a detailed realistic budget for tunnel concrete work which revealed an overall savings as compared to original estimate. All work managed was under budget.

**December 2012 - March 2013**

**Tutor Perini Corporation**

**Queens, NY**

**Superintendent (Frontier Kemper)**

*FEMA Hurricane Sandy Recovery, \$114 Million Project for the Federal Emergency Management Agency*

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Responsible for managing and coordinating NYC union workers performing residential repairs after Superstorm Sandy. Repairs included interior demolition, replacement of boiler heating systems, hot water heaters, and electrical systems in Rockaway, Queens.

**December 2010 - December 2012** **Granite/Traylor/Frontier, JV** **Long Island City, NY**  
**Slurry Plant Field Engineer (Frontier Kemper)**

*East Side Access, Queens Bored Tunnels – \$720 Million Project for NYC Metropolitan Transportation Authority*

Responsible for delivery of precast concrete segments for four soft ground low overburden tunnels totaling 10,500ft in length constructed by two 22.5ft diameter slurry TBM's in operation simultaneously. Managed the construction, operation, and dismantling of a slurry plant that serviced both TBM's simultaneously. Responsible for managing the annular grout and compressor plants during mining. Responsible for performing laboratory testing of bentonite slurry for tunneling. Responsible for scheduling raw material deliveries for slurry and grout plants to ensure mining can proceed. Responsible for coordinating and supervising the loading/hauling of tunnel muck. Supervised trades and subcontractors for the construction of steel framed buildings. Supervised the slurry tunneling operation from setup and mining, to tear down.

**April 2009 - December 2010** **Frontier Kemper/Schiavone/Picone, JV** **Yonkers, NY**  
**Field Engineer / Superintendent (Frontier Kemper)**

*New Croton Aqueduct Rehabilitation Project – \$99 Million Project for NYC Department of Environmental Protection*

Responsible for providing engineering/planning for concrete formwork design, tunnel grouting operations, CAD drafting work, subcontractor management, ACM removal management, TAGM sampling coordination, demolition design, personnel hoisting overall plan and crane pick analysis for the project, SOE designs, stream diversion design. Responsible for submittal composition, scheduling, invoice approval, and quantity tracking. Approved as an alternate site safety representative by NYCDEP. Supervised union trade workers and specialty subcontractors for shaft and tunnel rehabilitation work. Project included rehabilitation of 33 miles of 13ft diameter brick lined gravity aqueduct, 32 shafts and surface structures along the aqueduct alignment from Croton Reservoir in Westchester County to Shaft 33 in Manhattan.

**January 2008-April 2009** **Kiewit Bilfinger-Berger, JV** **Portland, OR**  
**Tunnel Segment Plant Engineer / Shaft Buildout Concrete Field Engineer (Kiewit Underground)**

*Portland East Side CSO Tunnel – \$426 Million Project for the City of Portland, Oregon*

Responsible for managing the construction of permanent shaft concrete in 60ft diameter shafts 165ft deep using Doka climbing forms and custom lumber formwork. Responsible for design of concrete formwork design. Responsible for precast tunnel segment plant production and supervision. Duties also included engineering for temporary structures, construction scheduling, budget formation, cost tracking, safety and quality management, subcontractor management, progress tracking, and coordination with project Owner via RFI's, submittals, etc.

### **ADDITIONAL EXPERIENCE**

**February 2004 - July 2004** **McCarthy Building Company** **Tempe, AZ**  
**Union Carpenter** – ASU Foundation Building and Precast Parking Garage

**July 2003 - February 2004** **Concrete Structure Company** **Phoenix, AZ**  
**Union Carpenter** – Skyharbor Airport Southwest Airlines Terminal Addition

**November 2001 - March 2003** **J.E. Dunn Construction** **Denver, CO**  
**Union Carpenter** – Ball Park Lofts and Portofino Tower

**November 2000 - November 2001** **Otis Elevator Company** **Denver, CO**  
**Union Elevator Constructor** – Cherry Creek Lofts, Aspen Resorts

**September 1999 – October 2000** **Crown Vantage Papermill** **Ypsilanti, MI**  
**Pulp Batch Forklift Operator** – Main Pulper Filling with Stock and Recycled Paper

**August 1998 – September 1999** **Exhibit Works Display** **Livonia, MI**  
**Union Carpenter** - CNC Routing Table Operator for Detroit Auto Show displays

### **TRAINING/CERTIFICATIONS**

American Heart Association First Aid/CPR/AED, OSHA 10-hour training, OSHA 30-hour training, First Responder Trained, Crosby Trained Certified in Rigging, Confined Space Trained, OSHA HAZWOPER 8-hour Certified, ACI Grade 1 Field Testing Certified