



The AGC of Connecticut
2016 Construction Industry Recognition Awards & Dinner
Construction Supervisor of the Year Nominee – Steve Baranello

STEPHEN M. BARANELLO

A Project Superintendent with O&G Industries for more than 12 years, Steve Baranello co-founded the PlattBuilds program on the \$94 Million Platt High School project in Meriden ~ a collaborative effort with his field team and the School, earning a 2014 CCI Community Service Award. His construction career spans 24 years and a variety of construction projects including public education, health care, manufacturing and corporate facilities management. Steve's experience with O&G includes the Laurel and Metacomet Elementary Schools in Bloomfield, Judson Elementary School in Watertown, Norwalk High School and the Yale-New Haven Hospital North Haven Medical Center. A highly skilled superintendent, father of two and a former Lacrosse Association Board Member and Assistant Coach, Steve strives to complete every project positively and efficiently while maintaining the highest quality workmanship. Steve utilizes such technologies as BIM 360 Field to enhance quality controls and Lean Principles to effectively collaborate with colleagues, owners and contractors. With his OSHA-30 Hour certification, construction management and LEED knowledge, Steve is a great asset to each project he is assigned.

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**Construction Supervisor of the Year Nominee (directs field construction activities) –
Patrick Carufe, NICET IV – Resident Engineer at AI Engineers, Inc.**

Mr. Carufe has over 25 years of construction management, inspection, and materials testing experience. Recently, he served as the Resident Engineer, managing all field construction activities, on ConnDOT's Sikorsky Airport Runway Safety Improvement project in Stratford, CT. Key aspect of this environmentally sensitive project involved the installation of innovative Engineered Material Arresting System (EMAS) to prevent aircraft overruns. Project also involved relocation of adjacent Route 113 to accommodate runway extension along with proper handling and disposal of controlled material. Mr. Carufe's strong leadership skills and construction supervision skills were demonstrated through his successful coordination of various disciplines involved such as engineering, construction, safety, security, communications, and public outreach. The project was successfully completed in late 2015.

James Comeau has demonstrated a high level of leadership and technical expertise as the lead supervisor for several natural gas meter stations throughout Connecticut. He oversees the crew structuring, scheduling and technical coordination of these highly complex sites, working on as many as six projects at one time. He has exhibited superior emergency response strategies, such as leading workers during storm events such as Hurricane Sandy and numerous blizzards. Many of the sites required extensive coordination with federal and local authorities and utilities, which he performed flawlessly, with no delays. His diligent efforts and critical scheduling techniques have resulted in the uninterrupted delivery of gas to people's homes. Clients continuously applaud James for his honesty, integrity and his ability to complete work in a fast-pace, schedule driven and hazardous environment.

AGCCT Industry Recognition Awards / Construction Supervisor Category

Larry Doyon, O&G/Tutor Perini Joint Venture, General Project Superintendent

Larry has dedicated 48 years to the construction industry at four regional contractors. He has supervised numerous major heavy civil projects, including bridges and interchanges on I-91, Rtes. 7/I-84, I-691/I-84, and 8/15.

Since 2011 his Joint Venture Project has averaged 200 employees working days and nights. Larry reviews operations with ConnDOT daily. Annual ConnDOT reviews rating knowledge of specifications have earned 3.5 or higher.

He always previews plans for ways to fast track work. His current work has moved the JV Project months ahead. He works for fair and reasonable outcomes for ConnDOT and O&G.

95 WORDS

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Mike Dumphy
Manafort Brothers Incorporated
Nomination for 2016 Construction Supervisor of the Year

I would like to nominate Mike Dumphy as Construction Supervisor of the Year. Mike has provided outstanding supervision on CT DOT's first Design/Build Accelerated Bridge Construction Project in Bridgeport, CT for the General Contractor, Manafort Brothers Incorporated ("Manafort"). The job entailed demolition, removal and replacement of existing bridges both the North bound and South bound sides of Route 8 between exits 2 and 5 in Bridgeport on an accelerated basis with little to no interruption of traffic flow. This was accomplished ahead of schedule and without significant interruption to traffic flow during installation. Mike supervised over one hundred Manafort employees working two shifts of 12 hours of a 24 hour day for a total of 30,000 man hours, as well as multiple Subcontractor crews with everyone going home safely at the end of the day. The Project required an unbelievable amount of organization under very intense and time sensitive conditions. Through the efforts of Mike Dumphy and his experienced crews, Manafort completed the first bridge installation one day early and the second bridge installation three days early. Mike's charming and charismatic personality gives him the ability to get the best out of people. He is highly regarded by the trades people, management, owners, vendors and subcontractors.

Submitted by: Ellen S. Bridgman, ARM, Risk Manager
Manafort Brothers Incorporated

Design/Build PBU

MANAFORT BROTHERS IS ON CONNECTICUT'S FIRST DESIGN/BUILD HIGHWAY PROJECT. BY RUSS GAGER

Driver complain about poor highway infrastructure, but they do not like being rerouted when it is being improved. So the Connecticut Department of Transportation (CTDOT) decided to accelerate replacement of four bridges on Route 8/25 in Bridgeport, Conn., by using the accelerated bridge construction (ABC) technique coupled with the design/build project delivery method for the first time and having the general contractor of the project, Manafort Brothers, prefabricate bridge components. This will limit long-term lane restrictions for bridge construction to two two-week periods.

Through this program, Manafort Brothers and its team of engineers and subcontractors are reducing 16 spans of elevated bridges to six. "The project has been an invaluable opportunity for us and all parties involved," Manafort Brothers Heavy Highway Department Manager Justin Gill maintains.

"Being the pilot design/build for this project has required that our team, including the owner, navigate some uncharted water together in an effort to set the tone for future design/build projects," Gill continues. "That presents its own set of variables, and we constantly double-back to ensure that we don't have any oversights. I think so far our design partner, WSP|Parsons Brinckerhoff, CTDOT and Manafort Brothers have done a good job of that."

Manafort Brothers - Bridgeport Route 8/25 Bridge Replacement

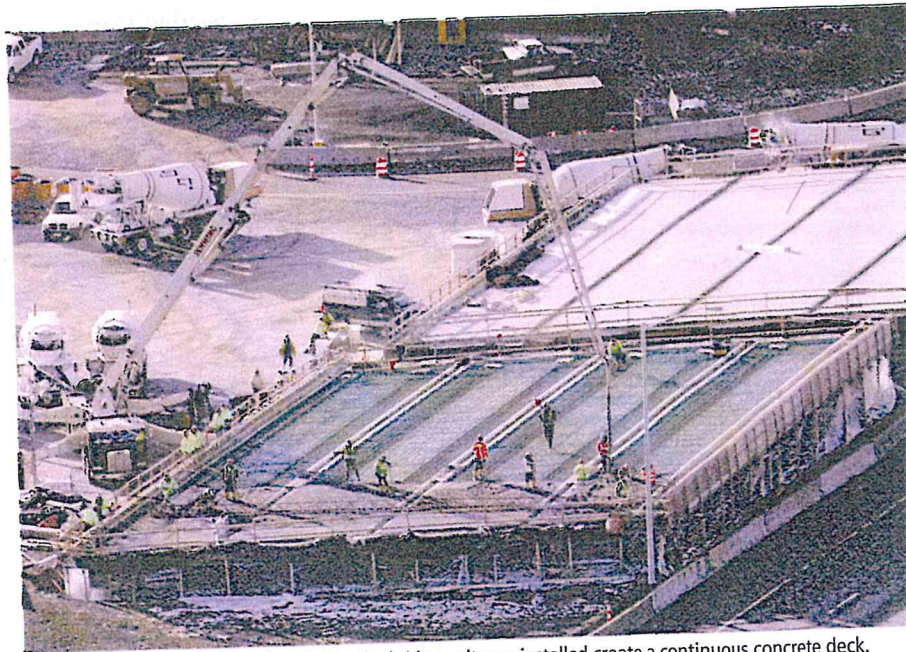
www.manafort.com

• Construction cost: \$34.8 million

• Location: Bridgeport, Conn.

"We took CTDOT's base design and modified it to our approach for the project."

- Justin Gill, heavy highway department manager



» Longitudinal closure pours placed after the bridge units are installed create a continuous concrete deck.



Weathering steel beams are being used on the new bridge in place of concrete beams. The two steel beams are fabricated with an integral concrete deck to form a double tee section. Narrow longitudinal closure pours placed after the PBUs are installed connect the PBUs to create a continuous concrete deck. Four prefabricated bridge units (PBUs) are being used per span. The first of those two-week closures is

scheduled for June, during which crews be working 24/7 to complete their work. The southbound traffic will be redirected the northbound side of the highway so both directions of traffic are on one side the highway.

Then for the second closure in July, the same will be done on the newly constructed side of the highway. At any time during the two-week closures, two lanes of traffic

southbound and three lanes northbound will all be on the same side of the highway. CTDOT estimates that without the ABC method, the bridge replacement – which began in June 2015 – would have taken two years and required several stages of construction that would have resulted in reduced vehicle capacity. Instead, it is scheduled for completion in September.

Prefabrication Preparation

Eleven months of prefabrication and preparation has been required by a whole team of Manafort employees and several subcontractors to lead up to that two-week closure.

Eight spans of the previous bridge built in 1973 will be demolished, three cast-in-place retaining walls had to be built, the bridge components prefabricated and 40,000 cubic yards of fill put in place. The fill was required to eliminate 10 of the existing spans on the Lindley St. bridges that are currently seven spans in both the northbound and southbound direction. The Lindley St. structures will be reduced to two spans and the fill required to do this will be supported by the new retaining walls.

Additionally, an existing 600-foot-long metal bin wall-type retaining wall is being rehabbed with a combination precast and cast-in-place wall. Some of the existing concrete piers had to be rehabbed prior to placement of the PBUs. An existing back wall will be removed and an integral back wall installed in its place.

"Part of the challenge was to develop a design that reflected the amount of work we had to perform in such a condensed time period," Gill says. "With our design partner, WSP|Parsons Brinckerhoff, we were able to balance a creative design that met the needs of CTDOT, with productive elements that would allow our field personnel to meet the time constraints."

The First Time

The Route 8/25 bridge replacement is the first design/build project CTDOT has done and one of the few projects where ABC techniques have been chosen. Manafort Brothers was selected for the design/construction contract in a best-value design/build proposal process in which price and technical approach were scored and used to select the proposer that offered the best value.

The award was made to the design/build team with WSP|Parsons Brinckerhoff in May 2015. Manafort and WSP|Parsons Brinckerhoff were brought in at about the 60 percent design stage of the project and tasked with completing the design of the project while commencing construction operations concurrently. "We took CTDOT's base design and modified it to our approach for the project," Gill recalls. "Among other things, we modified the size of the PBUs to fit our plan for the rest of the project."

The PBUs were assembled as a complete bridge structure at a yard along the highway approximately 3,000 feet from the bridges. During the two two-week periods, the completed bridge spans will be disassembled and trucked down local and frontage roads to the bridge location.

Placing the PBU concrete during the late fall and early winter of 2015/2016 was eased by unseasonably warm weather. All the PBU

concrete was placed before the first snow of the season. Some heating of the concrete still was required, but less than would have been required in a typical Connecticut winter.

Key players contributing to the success of the Route 8/25 bridge replacement were the design partner WSP|Parsons Brinckerhoff, Construction Manager Jim Bailey, Construction Superintendent Mike Dumphy, Project Engineer T.J. Susco and Quality Control Manager Jesse Jezek.

The Route 8/25 bridge replacement project requires the contractor to have a robust quality control program and a full staff of quality control professionals including a quality control administration, a quality control manager for construction and a quality control manager for design. Manafort Brothers is responsible for the design component of the project and also key elements of the project that the company chose to self-perform, including construction of the PBUs, retaining walls, earthwork and demolition of the existing structures.

Gill attributes the success of the project "to the talented and dedicated professionals that we have involved from Manafort Brothers and WSP|Parsons Brinckerhoff. Our experienced construction professionals combined with the engineering expertise that WSP|Parsons Brinckerhoff brings to the table has made for a great team. Manafort's diversity and the involvement of our highway, demolition and structural concrete divisions allows us the ability to self-perform the key components of the project." ♦

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AGC OF CONNECTICUT

NOMINATION FOR CONSTRUCTION SUPERVISOR OF THE YEAR

JOHN FRAIOLI

GENERAL SUPERINTENDENT / QUALITY & SAFETY OFFICER
DOWNES CONSTRUCTION COMPANY

John Fraioli started his career at Downes over 30 years ago as a carpenter apprentice, working his way up to General Superintendent. He's the epitome of a team player and dedicated leader and is highly respected by his staff, always acting as a sounding board for professional and personal issues. As a high-level thinker, John assists with strategic planning, business development, staff training, troubleshooting and corporate safety. The building community in Connecticut is fortunate to have him, because he leads by example, always willing to go above and beyond his "job description" for the greater good.

DESCRIPTION OF WHY THIS NOMINEE IS DESERVING OF THIS AWARD

Glenn Neilson is an icon in the world of Superintendents in the Connecticut construction industry. Glenn has served as the General Superintendent on some of Connecticut's largest projects for over 47 years. In the past 22 years with Gilbane Building Company, Glenn has led the teams on major projects including the CT Convention Center, the Jackson Laboratory Research Facility, Enfield High School, the Learning Corridor, and countless others.

Glenn's sincere commitment to the subcontractors in Connecticut and to workers safety on jobsites is well known in the industry. His ability to ensure the work is properly coordinated has earned him the unwavering respect of the building trades over these many decades.

Glenn's commitment to the building industry is further demonstrated by his long-term role serving on the State of Connecticut Codes and Standards Committee.

Construction Supervisor of the Year Nominee

James Nolin, Enterprise Builders, Inc.

- James Nolin has been with Enterprise Builders for 16 years starting off as a laborer and learning the construction business with the best supervisors. Over the years, he has completed nine (9) projects totaling over \$91 Million as a Superintendent with EBI. James worked his way up the ladder and earned his authority by gaining respect from the company as well as the subcontractors who worked with him. He has turned out high-quality work and has adapted to all changes associated with weather, human nature and unexpected shift in plans. He has mastered the responsibilities of job coordination, administration, planning and scheduling. He maintains constant surveillance over subcontractors to ensure they maintain adequate forces to execute their work in compliance with the job schedule. He establishes and maintains extraordinary relations with Architects and Owners.