Jeff Wood, PE

Project Manager

Years of Experience

31

Bio

Jeff Wood has over 30 years of experience in the construction of heavy civil projects as a Project Manager and Project Engineer. He joined the Halmar organization in 2011 as a Project Manager. Throughout his career, he has played a vital part in the progress of his projects, supervising up to 50 employees, 200 plus trade staff, and numerous subcontractors. The Projects ranged from $10 million to $500 million with work including bridge construction, structural steel/precast erection, structural concrete, post-tensioning, tunneling, pipe jacking, cut and cover tunnels, drilled shafts, demolition, marine, slurry wall, utilities, and site work. He has been involved in all aspects of the construction process including design interface, contract administration, quality control, safety, scheduling, and construction. Owners for these projects include the Connecticut Department of Transportation, New York State Department of Transportation (NYSDOT), Massachusetts Highway Department, Massachusetts Turnpike Authority, New Mexico Department of Transportation, and Connecticut Light and Power.

Bio (Long)

With more than 30 years of experience in the construction of large-scale, complex heavy civil projects, including extensive design-build and alternative delivery project experience. Throughout his career, he has played a vital role in project management, supervising up to 50 employees, 200 trade staff, and numerous subcontractors to oversee the construction operations safely and effectively in congested urban settings. Projects ranged from $10 to $500 million including bridge construction, structural steel/precast erection, structural concrete, post-tensioning, tunneling, pipe jacking, cut and cover tunnels, drilled shafts, demolition, marine, slurry wall, utilities, and site work. He has been involved in all aspects of the construction process including pre-construction, design interface, contract administration, quality control, safety, scheduling, and construction. Jeff also has experience managing rail infrastructure construction and improvement projects in active rail environments and understands the collaboration needed with rail operators to facilitate construction, coordinate with force account and client personnel, as well as plan construction to minimize impacts on ongoing operations. Jeff's experience includes numerous high profile transit projects, including the $500 million MassDOT program The Big Dig, the $277 million Design-Build of the Washington Metropolitan Area Transit Authority's (WMATA) Potomac Yard Metrorail Station and the $146 million Patroon Island Bridge Rehabilitation Program for the New York State Department of Transportation (NYSDOT). His experience as an Executive Officer in the US Army Corps of Engineers has only solidified his position as a valued project team leader. Jeff acted as commander of 120+ personnel and served as Officer in Charge of Equal Opportunity, Drug and Alcohol, Security, Crime/Fire Prevention, and Safety Management Programs. This experience provides him with superior personnel management abilities, a keen attention to quality, and a strong commitment to the work at hand.

PROFESSIONAL EXPERIENCE

Halmar International, LLC | Nanuet, NY | 2011 – Present

WMATA, Potomac River Tunnel Contract B Tunnel System Construction | Washington, D.C. | $2819M

Project Manager | 11/2023 – Present

Part of DC Water's $2.99B Clean Rivers Project, a vast program to improve the water quality in the region, the project is a major environmental initiative designed to control combined sewer overflows (CSOs) and improve water quality in the Potomac River. The purpose of this project is to collect and store combined sewer system discharges and stormwater run-off during storm events that exceed the capacity of the combined sewer system

along the Potomac River in the District and convey them to DC Water's Advanced Wastewater Treatment Plant at Blue Plains. The main tunnel will cross variable geological conditions (clay, alluvium, hard rock) and will pass close to Washington DC's iconic monuments. It will require the use of two tunnel boring machines (TBMs), customized specifically for these soil conditions. Ancillary structures comprise of shafts, adits connecting to the main tunnel, and near surface structures which link the new infrastructure to the existing sewage system. The project will increase the capacity of the sewer system using deep storage tunnels and will significantly decrease CSO overflow events impacting the Potomac River, the fourth-largest river along the US East Coast. Halmar, as part of a JV, is committed to completing this important project through a sustainable delivery approach.

WMATA, Potomac Yard New Metrorail Station | Alexandria, VA | $272M

Project Manager | 2018 – Present

This design-build project is being built on WMATA's Yellow and Blue Lines between the existing Braddock Road and Ronald Reagan Washington National Airport stations. The 7.5-million-square-foot Potomac Yard mixed-use development is bounded by Richmond Highway (U.S. Route 1) and the George Washington Memorial Parkway. The station will provide walkable access to regional transportation systems for the Potomac Yard area and includes a Metrorail station with two 800 foot long platforms, an entry pavilion, a 200 foot pedestrian/bicycle bridge spanning the CSX and WMATA rail tracks, a 200 foot pedestrian bridge to the North Pavilion, a 350 foot pedestrian bridge to the possible future Glebe Pavilion, a landscaped approach to the Potomac Greens neighborhood, power upgrades to six other stations, a new AC switchgear room, and re-alignment of the Metrorail tracks through the new station. The station, pavilions, platform, and bridge piers are constructed on a combination of consolidated soil and piles. The inside of the station and pavilion provide access to the mezzanine and pedestrian bridge via stairs, elevators, and escalators — making it a fully ADA accessible facility. The pedestrian bridges feature an open-air design, using a steel truss design, cast-in-place walkway, steel mesh enclosure, and the zinc-coated, curved standing seam metal roof that adds to the aesthetics of the facility.

Jeff's responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. He was directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation. Engineering functions included CPM scheduling, costs, quality control, design, and field engineering. Administrative functions included correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

NYSDOT, Patroon Island Bridge Rehabilitation Program | Albany, NY | $148M

Project Engineer/Assistant Project Manager | 03/2013 – 05/2016

Located between Albany and Rensselaer Counties, the Patroon Island Bridge, which carries I-90 over the Hudson River, is a six-lane heavily used commuter route and provides an important connection between the Northway, I-787, and the Thruway. The bridge carries more than 80,000 AADT and is one of the most visible bridge projects in New York State. The rehabilitation consisted of bridge deck replacement and structural steel repairs to five bridges, as well as bearings, more than 15 piers, replacing or repairing substructures of the interchanges, and installing traffic monitoring systems. The steel truss and substructures were strengthened to meet seismic requirements. Halmar was also responsible for MPT, structural lifting, bearing removal and replacements, earthworks, and drainage. Our innovative approach to MPT included minimum impacts to daily traffic, with most work scheduled at night, consistently maintaining traffic in both directions using a movable zipper barrier. The project was delivered on time and within budget, had no claims or disputes, and no major safety incidents. The "Best Value" project was recognized with an ACEC New Jersey Engineering Excellence Honor Award in the Large Project category in 2014.

Jeff was directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation. Engineering functions included CPM scheduling, costs, quality control, design, and field engineering. Administrative functions included correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

NYSDOT, Emergency Bridge Project, Route 42 | Lexington, NY | $16M

Project Manager | 10/2011 – 02/2012

the first design-build project in NYSDOT history. Project included design and construction of 2 bridges in less than 1 year, successfully completed. These two bridges were washed out because of severe flooding during Hurricane Irene. The bridges utilized driven pile foundations, welded steel plate girders precast concrete deck panels as well as ductal (ultra-high performance concrete grout joints).

Jeff was directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation. Engineering functions included CPM scheduling, costs, quality control, design, and field engineering. Administrative functions included correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

Middlesex Corporation | West Haven, CT | 2008 – 2011

Connecticut Department of Transportation (CTDOT), Railroad Station at Fairfield Metro Center | West Haven, CT | $32M

Project Manager | 05/2008 – 09/2011

Construction of a new 1,000-foot-long Metro-North Railroad (MNR) station, vehicular bridge, and supporting infrastructure. Scope of work included earthwork, steel erection, structural concrete, pipe jacking, paving, utilities, and vertical construction. Jeff's responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. He was directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation.

Bond Brothers | New Haven, CT | 2007 - 2008

Light and Power Contract | New Haven, CT | $15M

Project Manager | 07/2007 – 04/2008

Construction of an underground duct bank for new 115kv transmission lines. Scope of work included earthwork, structural steel erection, concrete, paving, utilities, traffic management and building construction.

Jeff's responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. Directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation.

Engineering functions: CPM Scheduling, costs, quality control, design, and field engineering.
Administrative functions: Correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

Balfour Beatty Construction | Bridgeport, CT | 2001 - 2007

CTDOT, Sikorsky Bridge Rehabilitation | Bridgeport, CT | $94M

Project Manager | 07/2001 – 06/2007 | Balfour Beatty Construction

Removal of existing 1,800, four-lane bridge and replacement with an 1,800 foot, six-lane bridge over the Housatonic River, including construction of four new bridges. Scope of work included structural concrete, drilled shafts, drilled mini-piles, structural steel erection, conventional and underwater demolition, blasting, marine, earthwork, paving, traffic management, and utilities. Jeff's responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. He was directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation.

Engineering functions: CPM Scheduling, costs, quality control, design, and field engineering.
Administrative functions: Correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

Sema Construction | Belen, NM | 2000 - 2001

New Mexico State Highway, I-25 & I-70 Interchange Rehabilitation | Las Cruces, NM | $12M

Project Manager | 06/2000 – 06/2001 | Sema Construction

Project consisted of 30 miles of new roadway and five bridges. Work included all earthwork, bridge structures, and drainage. Responsibilities included all management, engineering, and administrative functions.

New Mexico State Highway, State Route 550 Widening | Albuquerque, NM | $17M
Project Manager | 06/2000 – 06/2001 | Sema Construction

Project consisted of constructing a clover lead interchange for two major highways. Work included earthwork, paving, utilities, drainage, and bridge construction. Responsibilities included all management, engineering, and administrative functions.

The Big Dig – Perini/Kiewit/Cashman JV | Boston, MA | 1992 – 2000

MassDOT, Central Artery/Tunnel Utility Relocation (C11A1) | Boston, MA | $500M
Project Engineer | 02/1998 – 12/1999

Major work focus consisted of a 2,500-foot cut and cover tunnel for I-93. Scope of work consisted of concrete, excavation, mining, structural steel erection, utilities, and slurry wall construction. Responsible for supervising 25 engineers and other administrative staff. Concurrent responsibility was all engineering functions for $90 Million of concrete construction. Other responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. Directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation.

Engineering functions: CPM Scheduling, costs, quality control, design, and field engineering.
Administrative functions: Correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

MassDOT, Central Artery/Tunnel Utility Relocation (C14C1) | Boston, MA | $54M
Project Engineer | 03/1994 – 01/1998

Scope of work consisted of water, electrical, telephone, television, steam, gas, sewer relocations, concrete, structural steel erection, pipe jacking, micro-tunneling, and slurry wall construction. Responsibilities included all supervisory, engineering, administrative, and safety/environmental functions. Directly involved with production reporting and analysis, cost/revenue forecasting, issue resolution, job safety, and resource allocation.

Engineering functions: CPM Scheduling, costs, quality control, design, and field engineering.
Administrative functions: Correspondence, pay requisitions, submittals, subcontract management, procurement, accounting, profitability projections, EEO, claim preparation, and risk analysis.

MassDOT, CANA North Route 1 & Route 93 Temporary Ramps | Charlestown, MA | $30M
Engineer | 01/1992 – 01/1994

Project consisted of structural steel piers with a precast concrete deck. Responsibilities included administration, estimating, subcontractor payments, scheduling, vendor coordination, field engineering safety management, and EEO.

US Army Corps of Engineers | 1989 – 1992

Executive Officer

Responsibilities included, but were not limited to, training, administration, and welfare of unit personnel. Supervised equipment maintenance program. Ensured administration, security, and logistics complied with applicable standards. Acted as commander in his absence over 120+ personnel. Officer in Charge of Equal Opportunity, Drug and Alcohol, Security, Crime/Fire Prevention, and Safety Manager Programs.

EDUCATION

B.S. in Civil and Environmental Engineering, Clarkson University
United States Army School of Engineering, Extensive Military Training, Technical and Managerial

Registrations / certifications

CT Professional Engineer, License No. 0032857
OSHA 30-Hour

Awards

Decorated for Meritorious Achievement & Outstanding Leadership and Management, Operation Desert Shield Storm

pUBLICATIONS

Sikorsky Bridge, Stratford, Connecticut. William J. Frank, P.E., Jeff Wood and Murali Hariharan, P.E. (July 2008) "Precast Concrete – A Unique Application". Structure Magazine July 2008

PROFESSIONAL Qualifications

Design-Build/Alternative Delivery
Work in Major Urban Areas
Station State of Good Repair Projects
Work in Active Rail Environment
Managed construction of projects >$20 million

Professional References

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