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Experience



Chief Construction Inspector

M&J Engineering, P.C.

Nov 2019 - Present (1 year +)

Section 1 - Woodbury to Albany - Currently working as a Chief Construction Inspector on the \$355.3 million capital investment design build cashless tolling project. The work to be performed varies at each Toll Plaza location with Cashless Tolling to be implemented by demolishing Toll Booths and replacing them with Overhead Gantries on the Thruway Mainline.

The Mainline Tolling are comprised of eleven (11) interchange-to-interchange connections and five (5) terminus points on the current ticketed system and shall involve the strategic cost effective placement of gantries, the removal of toll plazas, the reduction (in most locations) of the infrastructure footprint, positive separation of opposing traffic, signing, striping, design and construction modifications of super elevations to accommodate higher speeds through the gantry areas and modified toll plazas areas, landscaping, electronic work, communication building construction (Communication Buildings), possible tandem lot access modifications or closures or relocation's, and/or solutions to provide safe ingress and egress to and from the Thruway System. Mainline Gantries are required at the following interchange locations: between 22 (Selkirk) and 23 (Boulevard), between 23 (Boulevard) and 24 (Washington Ave.), between 24 (Washington Ave.) and 25 (Schenectady), between 25 (Schenectady) and 25A (Duanesburg), between 25A (Duanesburg) and 26 (Rotterdam), between 34 (Canastota) and 34A (Collamer), between 34A (Collamer) and 35 (Thompson Road), between 35 (Thompson Road) and 36 (Mattydale), between 36 (Mattydale) and 37 (Electronics Parkway), between 38 (Liverpool) and 39 (State Fair), between 39 (State Fair) and 40 (Weedsport), between 43 (Manchester) and 44 (Canandaigua), between 44 (Canandaigua) and 45 (Victor), between 45 (Victor) and 46 (Henrietta), between 46 (Henrietta) and 47 (Leroy), between 47 (Leroy) and 48 (Batavia),



Senior Construction Inspector

EnTech Engineering PC

Apr 2019 - Nov 2019 (8 months)

This contract provides for constructing a new bridge and culvert using staged construction to maintain traffic flow. In stage 1, half of the existing bridge and culvert will be removed and traffic will use one-lane alternating two-way operation over the remaining half, while the first half of the proposed bridge and culvert is constructed.

In stage 2, traffic will use one-lane alternating two-way operation on the newly-built half of the bridge and culvert, while the remaining half is demolished and the remaining bridge and culvert sections are constructed. In addition, the intersection of route 115 and Hibernia road will be realigned to promote safer operation of the

intersection. In addition, drainage systems, traffic signs, pavement markings and guide rail will be installed, replaced and upgraded.



Senior Field Construction Compliance Monitor

KS Engineers, P.C.

Apr 2014 - Apr 2019 (5 years 1 month)

Worked as a Senior Field Construction Compliance Engineer on the New New York Bridge beginning in April. I will be performing a variety of assignments such as: monitoring construction progress to assure proper installation sequences and compliance with schedule and contract requirements; assisting in the review and modification of schedules, specifications, and drawings; recognizing basic construction or engineering problems, and applying standard techniques and procedures to resolve same; preparing short-term schedules to identify potential scheduling problems and recommending possible solutions; reviewing completed construction work and maintaining checklist of items yet to be completed; and coordinating the activities of a survey team.

My other responsibilities will include:

Liaison between client, contractor, and design staff. Implement plans and specification.

Prepare project correspondence.

Assist in the overall administration of project.

Assure construction activities are in accordance with contractual documents are completed within budget and schedule.



Senior Bridge Inspector

Modjeski and Masters

Feb 2013 - Apr 2014 (1 year 3 months)

Was part of a \$94 million dollar New York State Bridge Authority contract for the south span deck replacement on the Newburgh-Beacon Bridge, replacement of the roadway deck, approach slabs, barriers, drainage system, and sidewalk repairs. This contract also provided the installation of replacement main and branch feeder cables, replacement of existing pole luminaires on street and bridge lighting, replacement of existing mini-power centers, replacement of receptacles and addition of a new cable rack and other equipment. Worked in a supervisory role for the night shift operations which included the concrete deck replacement and all MPT and other various construction activities. I was responsible for the oversight of all the night shift construction operations and managing the coordination of work with the contractor and the NYSBA.



Chief Inspector

Modjeski and Masters

Aug 2010 - May 2013 (2 years 10 months)

Held the title of Chief Inspector with Modjeski and Masters on a bridge replacement project for the Hoffman Street Bridge over the MNRR located in the City of Poughkeepsie. The project involved the construction of a new bridge over MNRR, construction of two concrete T-Walls, new drainage work, utility relocation and new installation of water, sewer, and gas utilities, full depth reconstruction, drilled shafts for both bridge abutments, and various other construction operations. Performed all required weekly SPEDS reports on site inspections and reported under the NYSDEC requirements for soil erosion control.



Resident Engineer

Bergmann

Mar 2009 - Dec 2009 (10 months)

Resident Engineer on a project for the New York State Bridge Authority on the Newburgh Beacon Bridge, north span (Dutchess/Orange Counties). The project consisted of performing the modular expansion joint replacement and repaving on the north span of the bridge. A total of 15 joints were removed and replaced with new steel finger expansion joints. The project also included the removal of existing latex modified concrete overlay which was replaced with a new modified asphalt (Roshpalt) concrete overlay on the north span. Also included were concrete partial depth repairs at various locations on the north span.

Senior Inspector

Hudson Valley Engineering Associates

Mar 2007 - Mar 2009 (2 years 1 month)

Nicet Level III Senior Inspector on Phase 3 of the I-84/87 Interchange Reconstruction Project in Newburgh, New York Contract TANY 06-51, NYSDOT contract D213405. This third phase included the construction of all remaining roadways, ramps, and bridges in the interchange, directly connecting I-84 to I-87. The contract also provided for the installation of two traffic signals on Route 300 and construction of a new, larger tandem lot. I was the lead inspector overseeing the construction of over 10 M.S.E.S walls throughout the project. I was also the lead inspector of all the micro-pile (pressure grouted bored-in piles) work throughout the entire project which included 96 piles. I also inspected drainage work, and various other construction activities, including the lead inspector on all PCC pavement work which included concrete pavement at two new toll plazas and numerous bridge ramps throughout the project. I also performed night time operational inspection work involving steel erection and all MPT related issues in conjunction with the NYSTA Traffic Division Representatives.

Senior Bridge Inspector

TRC Engineers

Apr 2006 - Mar 2007 (1 year)

Nicet Level III Senior Bridge Inspector on a \$15 million dollar replacement of a four-span steel multi-girder bridge with a single span steel structure, carrying the Palisades Interstate Parkway over Route 202 in the Town of Haverstraw. Responsible for the inspection work involving the construction of new bridge abutments including rebar placement, concrete placement and soldier piles and various other construction operations.

Senior Inspector

Site-Blauvelt Engineers

Apr 2005 - Mar 2006 (1 year)

Nicet Level III Senior Construction Inspector on a \$5 million dollar trail way project located in the Town of Orangeburg, Rockland County. The project involved the construction of a Mechanically Stabilized Earth System wall for a pedestrian trail way bridge over Route 303 in the Town of Orangeburg. As a Level III inspector I was responsible for the entire construction of the MSES wall and all facets of the installation of the superstructure over Route 303, including bridge placement, deck reinforcement and concrete placement.

Senior Inspector

Berger, Lehman Associates

Apr 2004 - Mar 2005 (1 year)

Nicet Level III Senior Construction Inspector on a \$3.5 million dollar bridge rehabilitation project along Interstate I-84 from the Connecticut state line to the Pennsylvania state line. The project involved replacing

bridge bearings, bridge joints, pedestal work, bridge railing, and pedestrian safety fence. The project also involved bridge deck resurfacing and patchwork along with bridge deck waterproofing and bridge painting. As a Level III inspector I was responsible for the inspection work of all rehabilitation work including the MPT (Maintenance and Protection of Traffic), which included setting up lane closures, roving lane closures, and monitoring of all nighttime operations.

 **Inspector**

Tectonic Engineering Consultants, Geologists & Land Surveyors, D.P.C.

Apr 2003 - Apr 2004 (1 year 1 month)

Level II Construction Inspector for an \$8 million dollar project involving the Asphalt Concrete Reconstruction and Safety Improvements on Routes 22, 433, and 120 at the I-684 Exit 2 and 3 in the Town of North Castle, Westchester County. The project involved the construction of Storm Water Retention Basins, new drainage systems including new drainage structures, oil grit separator units, new traffic signals and new roadway signs. I was responsible for the inspection work involving all the new drainage systems including the storm water retention basins, new drainage structures along with all new drainage piping. I was also responsible for the installation of a new traffic signal and traffic loop indicators as well as temporary traffic signals. I also completed all the required testing of all new concrete and daily testing of soil compaction.



Inspector

Gannett Fleming

May 2002 - Apr 2003 (1 year)

Nicet Level II Construction Inspector for a \$7 million dollar project involving the reconstruction of Route 6 shoulders between Mahopac and Carmel, Putnam County. The project also involved the construction of a six mile bikeway from an existing bikeway in Mahopac and ending in Carmel. The construction of the bikeway involved new drainage structures along Route 6, construction of a GRES (geosynthetic, reinforced earth system) wall, pre-cast concrete retaining walls, two pre-cast concrete box culverts, and 2 pedestrian bridges. I was responsible for the inspection for all the drainage work, the construction of the GRES wall, and all the placement of the concrete retaining walls and the concrete box culverts. I was also responsible for the environmental protection along with the vegetated slope protection for the entire project. This project also involved rock blasting of existing bedrock to allow for placement of new pre-cast box culverts for bikeway.



Inspector

Urbitran Associates

Mar 1999 - May 2002 (3 years 3 months)

Nicet Level II Construction Inspector for a \$57 million dollar capital improvement project of the New York State Thruway Interchange and the Palisades Interstate Parkway from the New Jersey state line to exit 10 of the Palisades Parkway. The improvements involved the alignment and widening of the north and southbound lanes of the Palisades Parkway in Rockland County. The work also involved the construction of three new bridges, over the New York State Thruway and over an existing Conrail railroad line. I was responsible for the inspection work of the new concrete curb placement, all new guide rail and end terminal protection devices, new roadway sign installations, and new roadway profile changes underneath 18 Parkway overpasses. I also completed the field testing of all new concrete prior to placement and completed soil compaction testing at all bridge locations and fill areas.



Inspector

Vollmer Associates

Mar 1998 - Mar 1999 (1 year 1 month)

Nicet Level I Construction Inspector for a \$17 million dollar reconstruction of Route 9 in the City and Town of Poughkeepsie in Dutchess County. The reconstruction work involved the widening and realigning of both the north and southbound lanes of Route 9. I was responsible for the inspection work involving the installation of new guide railing, new roadway signs, and new sidewalk and curb placement, slip form barrier work, and landscaping work including new plantings or trees and shrubs. I also assisted with the inspection of new drainage work including structures, piping and bridge rehabilitation work.

Licenses & Certifications



ACI Grade I Concrete Testing Technician - ACI

Issued Jun 2019 - Expires Jun 2024

00103783



Erosion and Sediment Control Trained - NYSDEC

Issued Apr 2019 - Expires Apr 2022

Skills

Construction • Concrete • Road • Sewer • Drainage • Gas • Highways • Bridge • Inspection • Steel Structures