

Peter A. Fleming, PE
20 Alpaugh Drive
Asbury, NJ 08802
(908) 479- 4587

Education: New Jersey Institute of Technology – BS Civil Engineering – Class of 1985

Professional Registrations: New Jersey Professional Engineers License 24GE 03472000
New York Professional Engineers License 096067-1

Work Experience:

September 2014 -- Present; Construction Consultation Service, LLC, Asbury, NJ
Partial List of Projects: Owner/Consultant

MTA – Flood Mitigation Program – Various Locations throughout the 5 boroughs of New York City, NY
Worked with several General Contractors and Vendors on a series of contracts to flood-proof the subway vent shafts in response to the Hurricane Sandy. Efforts included the preparation of site specific shoring designs and work platforms on behalf of the Contractors as the detailed design of various aluminum structures on behalf of AMI, the Manufacturer of the custom Manual Closure Devices (MCD's).

Temporary Shoring, Shielding and Concrete Inspection – PATH – 30th St Station – Manhattan, NY
Developed a series of site specific shoring designs for temporary support and shielding related to concrete repairs at the PATH 30th Street Station. Completed concrete sounding of selected areas of the station

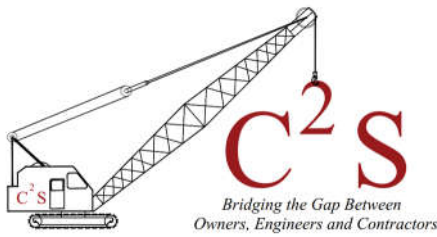
Long Island Railroad – Hicksville Station Platform – Hicksville, NY
Reconstruction of two 1,100 ft rail station platforms for the LIRR in Hicksville, NY. C2S provided a redesign of concrete platform structures along with construction drawings for demolition, formwork and erection plans and temporary supports.

Ben Franklin Bridge – Delaware River Port Authority – Miscellaneous Repairs
Review of Work Access Plans, Design of Safety Netting, Temporary Work Platforms and completion of Crane Placement and Lift Plans.

United Biofuels Incorporated – Brooklyn, NY
On-Site Construction Manager for this facility in Brooklyn, NY to assist with the development and construction of a biofuel refinery designed to produce biodiesel fuel from used vegetable oil. The facility is targeted to generate 50 million gallons of biodiesel per year.

CSX Crashwall Feasibility Study – CSX Yard – Kearny, NJ
Developed a Feasibility Study and Conceptual Design of several crash wall structures designed to CSX Railroad Standards for protection of a series of proposed transmission towers to be installed within the CSX Railroad R.O.W.

Shoring, Sheeting and Erection Plans – PSE&G – Various Sites in Northern New Jersey
Developed a series of site specific sheeting and shoring designs for temporary structures and cofferdams required for the construction of jack and bore pits through-out northern New Jersey. This effort was for improvement to the PSE&G Grid System.



Peter A. Fleming, PE

World Trade Center – Miscellaneous Building Fit-out Efforts

Completion of several small projects including Ceiling/Soffit Connection Design, Slab Removal for vent ductwork, Structural Connections for remedial floor/roof openings and design of support systems a series of manifold covers for the radiant heat system at the WTC Oculus floor slab.

December 1999 to August 2014; Railroad Construction Company, Paterson, NJ
Partial List of Projects: Vice President

Phillips 66 Crude Oil Offloading Facility – Linden, NJ

On-Site Manager for this \$24.9 million project in Linden, NJ to construct a 120-rail car off-loading platform on the “40-Acre Site” at the Conoco-Phillips property. Scope of work included the construction of a 100 ft by 1850 ft concrete containment structure with over 8,300 LF of DF Track and 3,500 LF of Ballasted Track. The civil work included the development of 3-acre clay lined detention basin along with site grading drainage. In addition, program included the construction of a one-story Office/Fire Pump Control Building. Responsibilities included budget, schedule review and change order management.

Prysmian – Hudson Transmission Project – Borough of Ridgefield, NJ to NYC

Managed this \$25.1 million project that connected the PSE&G substation in Fairfield, NJ to the Con-Edison substation in Manhattan with a 3-Phase Cable System that included the construction of over 16,000 LF of specialized duct bank and ancillary manholes and transition structures. The scope of work included 2 HDD locations under River Road in Edgewater, NJ and Bellman's Creek in Fairfield, NJ as well as the temporary stabilization of a 5,000 FT rock-lined tunnel that had been out of service for over 30 years. Responsibilities included budget, schedule review and change order management as well as design and review of tunnel shoring and support structures.

NJSEA Meadowlands Road, Railway & Rail Station Projects (Creamer-Sanzari-Railroad Tri-Venture)

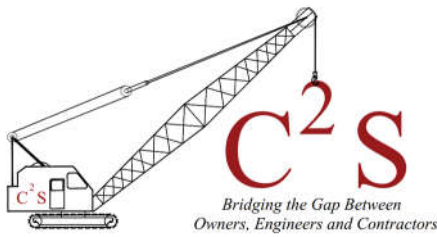
One of several senior Managers for this \$126 million project in East Rutherford, NJ. This program involved the construction of multiple bridge & roadway structures to provide rail access from the NJ TRANSIT Pascack Valley Line to the Meadowlands Sports Complex. The project included a design-build redesign for the superstructure with precast box beams along a 2,000-foot viaduct structure. This redesign became a Value Engineering Change Order that saved a considerable amount of time & money for both the client and the Construction Team. Worked to resolve two schedule related claims for both projects.

USA Group Linden Transload Facility - Design-Build

Managed this \$7.8 million design-build project in Linden, NJ, for a rail car off-loading facility & lead track extension for an ethanol transfer facility. The facility was designed to handle a 120-car unit train in a multi stage set up while unloading 20 cars at a time. Responsibilities included design assistance, budget, schedule review and change order management.

MTA East Side Access Open-Cut Emergency Work

Managed this effort that included various emergency and schedule-critical construction activities valued at \$8.7 million, including completion of a 180-foot, cast-in-place concrete bridge at the Sunnyside Yard in Queens, NY as well as a series of track related structures. Provided oversight and coordinated with owner and designer representatives as well as specialty geotechnical and environmental subcontractors to perform a structural assessment of the “Bathtub” structure. The project included removal of 1,200 track feet of temporary track, construction of 700 track feet of relocated permanent track, relocation of turnout, and adjustment of contact rail, as well as tie-in work in conjunction with Amtrak local and division forces. The project involved coordination with the MTA, LIRR, Amtrak and New York & Atlantic Railway.



Peter A. Fleming, PE

IMTT Railcar Rack Rehabilitation

Managed this \$3.2 million project in Bayonne, NJ, that involved track-civil rehabilitation of a railcar loading/unloading facility and track yard area along with containment system upgrades for an active IMTT petro-chemical tank farm.

PANYNJ Howland Hook Intermodal Facility Port Ivory Phase I-A

Managed the construction of this \$29.6 million intermodal cargo facility in Staten Island, NY. The facility was designed to handle freight from container ships and rail cars. The project included more than 20 acres of yard tracks loaded by a series of rubber-tired gantry cranes, as well as construction of a prestressed concrete beam bridge structure along with extensive water, compressed air, and drainage utilities, and a high mast site lighting system.

MOTIVA – Sewaren and Providence Railcar Rack Expansion Projects

Managed both Projects – a \$2.3 million facility in Sewaren, NJ and a \$3.7 million facility in Providence, RI – Both Projects attained substantial completion ahead of schedule and received Early Completion Bonuses.

NJ TRANSIT Secaucus Road/Route 1&9 Grade Separation Project

Managed this \$33 million project consisting of the construction of several bridges, ramps, and retaining walls in North Bergen, NJ. Scope of work included a 700+ Ft curved steel bridge to elevate Secaucus Road over Routes 1&9 and the Conrail and Susquehanna Railroads.

Newark Airport - JA Jones/Continental - New Arrivals Project

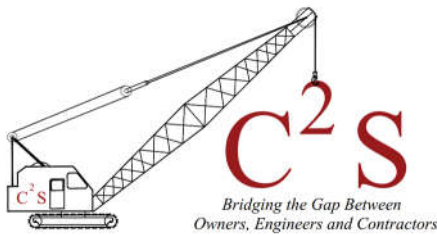
Managed this \$5 million project consisting of the demolition and reconfiguration of the ground level parking area of an active Terminal at Newark Airport. The work involved removal of the concrete structures and construction foundations, utilities and new slab floors to transform the below structure parking area to a "New Arrivals/Departure Area". The project was completed in 6 months while the Terminal Facility remained active.

January 1999 to December 1999; BRW, Inc. – Newark, NJ
Partial List of Projects: Senior Civil Engineer

Tampa Mobility Project for HARTline - Preliminary design and planning for the TAMPA PE/EIS Mobility Project for HARTline (Hillsborough Area Regional Transit Authority) a \$1.3 Billion Project that included a series of transportation improvements required for the implementation of a new Rail Passenger Service.

Newark Elizabeth Rail Link. - Responsible for the preparation of construction documents and final plans for the extension of the Newark City Subway from an existing tunnel to a proposed one-mile, at grade section. The project included the construction of four, at-grade station platforms in the downtown business district of Newark, NJ.

Military Ocean Terminal - As a result of the 1995 Base Closure & Realignment (BRAC 95) Commission, the Army transferred a portion of the MOTBY to the Local Redevelopment Authority in accordance with its reuse plan. Also, performed a Building and Facilities Condition Survey to document the overall condition of the site.



Peter A. Fleming, PE

**May 1990 to January 1999;
Partial List of Projects:**

**Raytheon Engineers & Constructors – New York, NY
Civil/Project Engineer**

Newark City Subway Extension and Vehicle Base Facility, NJ TRANSIT. This project consisted of a 0.75-mile extension of the Newark City Subway and the construction of a Vehicle Base Facility located on a 25-acre parcel along the Bloomfield/Belleville town line. Engineer of Record, responsible for the design of civil engineering/site work and preparation of Construction Documents for the NJ Transit owned vehicle base facility. Design included demolition, grading, drainage, track configuration and alignment for the electrified track.

Hudson-Bergen Light Rail System, NJ TRANSIT - Design Engineer for a Design, Build, Operate and Maintain Project for a light rail system through Bayonne and Jersey City. Participated in various design reviews of utility and infrastructure improvements, including drainage improvements for the Vehicle Base Facility as well as roadway, drainage and utility improvements in the downtown area of Jersey City.

New Jersey Turnpike 1990-95 Widening Project - Responsible for pay certificates, change orders, scheduling reports, survey control and calculations, field redesign of roadway profiles, shop drawing and miscellaneous correspondence for five major contracts, with a total value of \$70 +/-Million. This Section of the Project extended several miles along Rt 78 from Bond Street to the Elizabeth River.

**November 1988 to May 1990;
Partial List of Projects:**

**Hayden-Wegman-McCumsey – Parsippany, NJ
Project Engineer**

Make Safe Project - New York City Bridge Inspection Program for 25+/- bridges and viaducts throughout NYC.

Miscellaneous Site, Grading and Drainage Design - for residential and commercial developments as well as municipal roadway improvements throughout Northern New Jersey.

**June 1987 to February 1988;
Partial List of Projects:**

**Donald W. Smith Associates – North Brunswick, NJ
Project Engineer**

Greenbrook Townhouse Development – Design portions of grading, drainage and site layout design for a 60-unit residential development in Greenbrook, NJ.

Society Hill at Somerset, Society Hill at North Brunswick and Society Hill at Lawrenceville – Design portions of grading, drainage and site layout and highway access design for various residential developments in New Jersey.

Phase I and II Hovnanian Commerce Center at North Brunswick – Design portions of grading, drainage and site layout and highway access design for various commercial developments in North Brunswick, New Jersey.

June 1983 to May 1987;

**Michael Hyland Associates – Ocean City, NJ
Intern/Surveyor/Project Engineer**

Miscellaneous Site, Grading and Drainage Design; Pile Driving Inspection; Construction Inspection - for residential and commercial developments throughout Cape May County, New Jersey. Projects included large tract residential developments as well as campground expansions and commercial establishments.

Part-Time 1982 to May 1985;

**B2A Consultants – Hillsborough, NJ
Rodman/Instrument man through college**

Worked part time during college years performing topographic and boundary surveys along with construction layout for residential and commercial developments throughout North Jersey. In addition, completed soil logs and percolation tests for septic system designs in Somerset, Hunterdon and Union Counties.