BL Companies provided engineering review and certification of the Connecticut Department of Energy and Environmental Protection (CTDEEP) General Permit for the Discharge of Stormwater and Dewatering Wastewaters associated with Construction Activities to the Connecticut Department of Transportation for 10 projects. The services included engineering review of drainage/storm sewers, stormwater management systems, erosion and sediment control, permit applications and Stormwater Pollution Control Plans. The review and certifications were performed to ensure conformance to the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, 2004 CTDEEP Stormwater Quality Manual and General Permit Requirements.

The projects included:

- S.P. 76-205, Routes 6 and 44 Intersection Improvements, Manchester, Connecticut
- S.P.’s 50-204, 50-206, 144-178, and 144-180, Reconstruction of Route 15, Fairfield and Trumbull, Connecticut
- S.P. 131-141, Realignment of Route 319, Stratford, Connecticut
- S.P. 47-116, Route 74 Roundabout, Ellington, Connecticut
- S.P. 42-292, Realignment of Route 44, East Hartford, Connecticut
- S.P. 83-260, Milford Bridge Facility & Salt Shed, Milford, Connecticut
- S.P. 166-99, Reconstruction of Route 69, Wolcott, Connecticut
- S.P. 14-174, State Route 740 Realignment and Reconstruction, North Branford, Connecticut
- S.P. 34-330, I-84 Auxiliary Lanes, Danbury, Connecticut
- S.P. 135-270, Route 15 (Merritt Parkway) Safety Improvements, Resurfacing, and Bridge Improvements, Stamford and New Canaan, Connecticut
- S.P. 12-95, Intersection Improvements on Route 533 at Box Mountain Road, Bolton, Connecticut
- S.P. 25-144, Farmington Canal Heritage Trail Extension, Cheshire, Connecticut
- S.P. 142-146, Reconstruction of Route 195, Tolland, Connecticut
- S.P. 76-217, Charter Oak Greenway Shared Use Path, Manchester, Connecticut
- S.P. 73-182, Rehabilitation of Bridge No. 00608 Route 8 NB over the Naugatuck River and Railroad, Litchfield and Harwinton, Connecticut

LOCATION
Statewide, Connecticut

SERVICES
Civil Engineering, Transportation Engineering

Client
Connecticut Department of Transportation
2800 Berlin Turnpike
Newington, CT 06111

Mr. Timothy Gaffey, PE (Retired)
(860) 593-2004 (Cell Phone)

Project Cost: N/A
Firm’s Fee: $102,000
Duration: 2009 - 2015
Bl Companies provided engineering review, assistance and technical support for the Connecticut Department of Energy and Environmental Protection (CTDEEP) General Permit for the Discharge of Stormwater and Dewatering Wastewaters Associated with Construction Activities, which was re-issued in 2013. The services included a detailed review of the Draft General Permit from an engineering perspective. Bl Companies provided comments and concerns regarding the implications of new performance standards and criteria included in the Draft General Permit as they pertain to linear transportation type construction projects. Bl Companies provided support to the Connecticut Department of Transportation’s (CTDOT) Office of Environmental Planning during CTDEEP hearings to ensure the Department’s interests were represented and comments and concerns were addressed. Bl Companies also assisted in the development of a memorandum of understanding between CTDEEP and CTDOT detailing various thresholds and criteria to be applied to Department construction projects in an effort to protect the waters of the State in compliance with the General Permit.

As part of an On-Call assignment for the CTDOT Highway Design contract, Bl Companies provided review and certification of approximately 30 General Permit applications for the Department since 2011.

**LOCATION**
Statewide, Connecticut

**SERVICES**
Civil Engineering, Transportation Engineering

**Client:** Connecticut Department of Transportation  
2800 Berlin Turnpike  
Newington, CT 06111

Mr. Kevin Carifa, PE  
Supervisory Transportation Planner  
(860) 594-2946  
kevin.carifa@ct.gov

**Project Cost:** N/A  
**Firm’s Fee:** $54,800  
**Duration:** 2011 - 2015
In 2015, BL Companies prepared and presented training modules to educate Department of Transportation engineers, construction inspection personnel and other Consulting Firms on the requirements associated with the new General Permit. BL Companies also developed a template for the Stormwater Pollution Control Plan narrative, which is a required submission of the new General Permit. The template is being utilized Department-wide and has been added to the CTDOT website. In 2016, BL Companies will be providing further support to the Department, aiding in training regarding the new DEEP ez-File process for permit submissions as well as Net DMR reporting requirements.

**LOCATION**
Statewide, Connecticut

**SERVICES**
Environmental Services, Civil Engineering, Transportation Engineering

**Client:** Connecticut Department of Transportation  
2800 Berlin Turnpike  
Newington, CT 06111

Mr. David Harms, PE  
Project Manager  
(860) 594-3291  
david.harms@ct.gov

**Project Cost:** N/A  
**Firm’s Fee:** $75,000  
**Duration:** 2015