

**PREFILED JOINT WRITTEN TESTIMONY OF  
KEVIN SOLLI, ERIC LABATTE, AND CAMERON HENDRY  
SOLLI ENGINEERING LLC  
PANEL**

**A. INTRODUCTION**

**Q. Please state your names, titles, and business addresses.**

A. Kevin Solli, PE, Principal, Eric LaBatte, Director of Operations, and Cameron Hendry, Assistant Project Manager, all at 501 Main Street, Suite 2A, Monroe, CT 06468.

**Q. Please describe your respective responsibilities and professional experiences.**

A. Kevin Solli is the Owner and President of Solli Engineering. Mr. Solli has over 20 years of experience specializing in civil engineering, site development, transportation and traffic analysis and value engineering.

A. Eric LaBatte is the Director of Operations for Solli Engineering. Mr. LaBatte has over twenty-three years of experience in site development, civil and telecom engineering.

A. Cameron Hendry is an Assistant Project Manager at Solli Engineering. Mr. Hendry has over eighteen years of experience in site development engineering, from preliminary concept planning through full site design and final permitting. Mr. Hendry has been a design engineer for multiple solar development projects within the State of Connecticut which have been built or are currently in construction.

**Q. Do Kevin Solli, Eric LaBatte, and Cameron Hendry have resumes demonstrating their skills and experience?**

A. Yes. Our respective resumes are shown in Exhibit A.

**Q. What are your respective involvements in the proposed Project?**

A. Kevin Solli. I am the Engineer of Record for the Project.

A. Eric LaBatte. I am the Project Manager and the Design Reviewer for the Project.

A. Cameron Hendry. I am the Assistant Project Manager and the Design Engineer for the Project.

**Q. What is the purpose of your joint written testimony?**

A. Our written testimony addresses the existing environmental conditions and potential project effects on environmental and community resources as detailed in the Environmental Assessment submitted with the Petition for Declaratory Ruling and the construction and operation of the Project. Specifically, we will address the following topics:

1. Air Quality.
2. Soils, Geology, and Topography.
3. Water Supply Areas and Water Quality.
4. Stormwater Management and Erosion and Sediment Control.
5. Land Use.
6. Cultural Resources.
7. Visual Impacts.
8. Scenic and Recreational Areas and Community Facilities.
9. Solar System Noise.
10. FAA Review.

**B. PROJECT SPECIFIC WRITTEN TESTIMONY**

**1. AIR QUALITY.**

**Q. Please describe your air quality analysis and any potential air quality impacts of the proposed Project.**

A. An air quality analysis was not needed or performed for the Project. The nature of solar energy producing facilities results in a condition where no air emissions are generated

during the operations of the facility. Therefore, the Project will have no adverse effect on air quality and will not require an air-related permit.

It should be noted that during construction, temporary mobile source emissions may occur due to the presence of construction vehicles and equipment. Any of these potential air emissions that occur during the construction of the Project would be de minimis, and these emissions will be mitigated using measures such as limited idling times of equipment, regular maintenance of all vehicles and equipment, and watering/spraying of vehicles and equipment to minimize dust and particulate releases. Additionally, all on-site and off-road equipment will meet the latest standards for diesel emissions as prescribed by the United States Environmental Protection Agency.

**Q. Will the proposed Project meet or exceed the air quality standards of the State of Connecticut?**

A. Yes.

**2. SOILS, GEOLOGY, AND TOPOGRAPHY.**

**Q. Please explain your analysis and results of the soils, geology, and topography impacts from the proposed Project.**

A. A geotechnical investigation was performed by Solli Engineering in March 2024. The investigation included the observation and documentation of twelve (12) test pits that were excavated to a depths between seven (7) and ten (10) feet below existing grades. The general subsurface profile observed across the site consists of approximately six (6) inches of topsoil; six (6) to twenty-four (24) inches of subsoil (fine to course sand with some silt, trace fine gravel and trace roots); and five (5) to nine (9) feet of natural granular soil (fine to medium sand with some silt, fine to coarse gravel and trace cobbles). Groundwater was encountered between three (3) to nine (9) feet below existing grades.

The Project area's topography gradually slopes between 7%-9% from the east property line of the Site to the west. There are four (4) wetland areas located on the site. One (1) wetland

is located in the southwest corner of the site, two (2) wetlands are located on the west side of the site and one (1) wetland bisects the north end of the site and runs somewhat parallel to Carter Street.

**3. WATER SUPPLY AREAS AND WATER QUALITY.**

**Q. Please explain your analysis and results regarding the proposed Project's impacts to public water supplies and quality.**

A. Based on the CT Department of Health Public Water Supply Map, there do not appear to be any wells downstream of the proposed solar facility. Vibrations from the installation of racking posts are not anticipated to cause any sedimentation release and should result in no disruption to well water flow and water quality. The Petitioner shall follow the guidelines of the Soil Erosion and Sediment Control Plan for this Project, which will minimize the potential impacts to the groundwater and surface water quality for the Site and its surrounding areas.

The Site is not located within a mapped Public Drinking Supply Watershed nor are any surface water features mapped as CT DEEP Cold Water Habitat Sites. The nearest drinking water watershed is 560 feet east of the Site. The western portion of the property, outside of the Project area, falls within a Service Areas of Community Public Water Systems, that being the Manchester Water Department.

**4. STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL.**

**Q. Please provide your analysis and results on the proposed Project's stormwater management and erosion and sediment control plans.**

A. The Project has been designed in accordance with the 2024 Connecticut Stormwater Quality Manual; the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control; the Connecticut General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (General Permit), effective December 31, 2020;

and the Connecticut Department of Energy & Environmental Protection (CT DEEP) Appendix I, Stormwater Management at Solar Array Construction Projects (Appendix I). The design addresses three primary concerns: the management of peak stormwater flows, water quality volume treatment, and soil and sedimentation controls (SESC) throughout the construction period.

Perimeter Soil Erosion and Sediment Controls (SESC's) include (but are not limited to) temporary silt fencing surrounding the perimeter of the development area with a reinforced double line of silt fencing along the western limit of disturbance, where the site currently pitches toward, to prevent sediment from migrating downslope. An anti-tracking pad is proposed at the construction entrance to Carter Street to prevent sediment from being tracked into Carter Street and erosion control blankets are proposed along areas of steep grading to temporarily stabilize slopes until vegetation establishes. These control measures will be installed at the start of construction, during phase one, before the site is fully grubbed and roughly graded. Phase one includes areas of both clearing and grubbing and areas of tree clearing. The main area of the proposed solar field is not proposed to be cleared, grubbed, and graded until phase two. Additionally, during phase one, silt fencing with wings is proposed internally along the western limit of phase two clearing, grubbing, and grading for extra internal protection. During phase one, the proposed stormwater basin, and swales, are proposed to be graded and utilized throughout construction as a temporary sediment trap. The temporary sediment trap acts as an internal area to store sediment-laden stormwater runoff and allow for particulates to settle and stormwater to potentially recharge into underlying soils. A Faircloth skimmer is proposed to be installed in the temporary sediment basin until the conclusion of construction to help facilitate this. These control measures have been provided to maximize protection to wetlands and watercourses. The monitoring and maintenance of all control measures are required to ensure efficacy throughout all phases of construction.

The above referenced sediment trap in the western portion of the Project area will be converted to a permanent stormwater basin during Phase II of the Project. The stormwater basin has been designed to provide adequate storage of the water quality volume.

Stormwater flowing to the basins will follow grass-lined swales with stone check dams along the northern and western sides of the proposed solar array. The swales and basin will also assist in reducing pollutants. The basin will outlet to the west via an outlet control structure and subsurface pipe. Due to the potential of groundwater, no infiltration was assumed in the calculations however it is likely that there will be infiltration over time. The implementation and maintenance of these practices will protect stormwater quality and will ensure that post-construction peak discharge rates of stormwater runoff from the project site will be substantially less than the pre-development rates for the 2-year, 10-year, 25-year, 50-year and 100-year storm events per the table below:

<b>Peak Flow (cfs)</b>			
<b>Storm Event</b>	<b>Total Drainage Areas</b>		<b>Percent Reduction in Peak Flow</b>
	<b>EDA</b>	<b>PDA</b>	
2-Year	12.91	4.09	68.3%
10-Year	28.42	12.13	57.3%
25-Year	38.73	15.96	58.8%
50-Year	46.54	18.56	60.1%
100-Year	55.09	27.44	50.2%

With the incorporation of the protective measures outlined above, the Project is not anticipated to result in an adverse impact to water quality or downstream properties.

**5. LAND USE.**

**Q. Please describe the changes to land use that would result from the proposed Project.**

A. The proposed Project will result in the clearing of approximately 7.8-acres of existing wooded area. All disturbed areas will be treated with a pollinator seed mix which will result in a meadow-type ground cover. The only proposed grading within the Project area is associated with the proposed access drive, stormwater basins and associated grass-lined swales.

**6. CULTURAL RESOURCES.**

**Q. Please provide your analysis regarding the Phase 1A Reconnaissance Survey of the proposed Project Site.**

A. Archaeological Consulting Services LLC (ACS) performed a Phase 1A cultural resources assessment survey at the site. Their report discloses that a property National Register of Historic Places does not exist within the Site. Background research indicates a low sensitivity for potential prehistoric cultural resources. The low scores in general can be attributed to very rocky soil contexts and great horizontal and vertical distances to the nearest major water source. The State Historic Preservation Office (SPHO) issued a letter on March 22, 2024, stating that no historic properties will be affected by the Project therefore no additional studies are required.

**7. VISUAL IMPACTS.**

**Q. Please explain your analysis regarding potential visibility of the proposed Project.**

A. The solar trackers will be a maximum of 6' off finished grade within the solar panel facility. All disturbed areas will be contained within a 7' chain link fence. Trees constituting the existing tree line will be preserved outside of the Project's limit of disturbance and maintained to the best of the Petitioner's ability. Neighbors in the vicinity of the subject property are not anticipated to view the solar panel facility due to existing tree coverage and additional vegetative buffers, which include American Holly and Eastern Red-Cedar trees, proposed on the eastern side of the Project area.

The solar panel products are designed in such a way that they absorb light and thus are not highly reflective. Because the proposed solar panels have tracking features, the panels will not reflect in one direction for extended durations.

**8. SCENIC AND RECREATIONAL AREAS AND COMMUNITY FACILITIES.**

**Q. Please describe your analysis of the proposed Project's impact on scenic and recreational areas and community facilities.**

A. No state road or local road will be affected physically or impaired visually by the Project. There is a hiking trail that runs through the privately-owned Host Parcel approximately 100-200 feet from the Project area. We don't anticipate the proposed Project to be visible due to dense forest cover and the natural topography, or at worst, slightly visible during the winter months. The Charter Oak Greenway is a protected hiking trail located approximately one-half mile north of the property. The closest open space is located at Yules Park, approximately 1,500 feet southwest of the property.

**9. SOLAR SYSTEM NOISE**

**Q. Please provide your analysis of the proposed Project's audible impacts.**

A. When construction ceases, noise from the Project will be minimal. The primary source of noise will be generated by inverters which will emit 61 decibels measured at one meter from the inverter, during daylight operational hours. Noise levels will effectively be reduced to zero during nighttime hours when the array is not in operation. The collective operational noise level of the inverters and transformer at the nearest property boundary is anticipated to be 35.8 decibels during the day, which is the midpoint of the approximate sound level of a quiet library (40 decibels) and a whisper (30 decibels). This noise level meets applicable CT DEEP Noise Standards.

**10. FAA REVIEW**

**Q. Please explain the results of the proposed Project's glare analysis.**

A. Information regarding the Project was submitted to the Federal Aviation Administration (FAA) for review. The FAA reviewed multiple sample points to determine whether a potential hazard exists for air navigation. Upon review, the FAA issued a Determination of



No Hazard to Air Navigation for the Project. A glare analysis was not requested by the FAA and therefore was not performed.

**C. INTERROGATORY SPECIFIC TESTIMONY**

**Q. As of the date of this submission, did you respond to any interrogatories for the proposed Project from any parties?**

A. Yes, Petitioner received interrogatories from the Siting Council. These interrogatories and responses are attached in Exhibit B.

**D. PUBLIC COMMENT SPECIFIC TESTIMONY**

**Q. Are you aware of any public comments or comments from any parties for the proposed Project?**

A. Yes.

**Q. Did any of the public comments touch upon your analysis for the proposed Project?**

A. Yes. Twenty-seven residents, two state representatives, the Town of Bolton, and the Town of Manchester submitted comments. Only one of the 27 residents abuts the proposed Project Site.

**Q. Please summarize the nature of these public comments.**

A. The topics addressed in the public comments included:

1. Tree Clearing – Concerns regarding tree clearing and potential impacts on core forests.
2. Potential Wildlife Impacts – Concerns about land clearing and potential impacts to wildlife.
3. Stormwater Runoff – Potential stormwater runoff impacts from the proposed Project.
4. Noise – Concerns about potential noise from proposed Project equipment.
5. Gas Pipeline – Worries about potential fires resulting from the proposed Project, particularly with the gas pipeline located on the Host Parcel, to the west of the Project area.

6. Wetland Impacts – Potential impacts to wetlands located on the Host Parcel.
7. Use of Chemicals, Herbicides, and/or Pesticides – Concerns regarding the potential use and/or leakage of chemicals, herbicides, or pesticides on the proposed Project Site.
8. Potential Impacts to Trail – Concerns regarding potential impacts to the portion of the hiking trail located on the privately-owned Host Parcel.
9. Proposed Project Visibility – Concerns involving the potential visibility and aesthetics of the proposed Project located in a residential zone.
10. Electrical and Magnetic Frequencies (EMFs) – Concerns about the electrocution of humans and wildlife and that EMFs could induce electrical currents in nearby metal pipelines, such as the gas pipeline located on the Host Parcel.

**Q. Do you have any comments regarding these public comments?**

A. Yes.

**Q. Please explain.**

- A. 1. Tree Clearing – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
2. Potential Wildlife Impacts – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
3. Stormwater Runoff – Stormwater management is discussed in this pre-filed written testimony under Section 4 of “Project Specific Testimony” explained above.
4. Noise – Noise is discussed in this pre-filed written testimony under Section 9 “Project Specific Testimony” explained above.
5. Gas Pipeline – The Project limit of disturbance is located approximately 130 feet east of the gas pipeline. The proposed Project is not anticipated to have any impact to the pipeline due to the distance between site improvements and the pipeline itself.

6. Wetland Impacts – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.

7. Use of Chemicals, Herbicides, and/or Pesticides – Please refer to the pre-filed written testimony of William Kenny Associates for further details.

8. Potential Impacts to Trail – There is a hiking trail that runs through the privately-owned Host Parcel that is approximately 100-200 feet from the Project area. It is anticipated that the Project may be visible during winter months from small portions of the trail that run across the privately-owned Host Parcel. We don't anticipate the proposed Project will be visible from the trail during the summer months due to the natural topography and 100-200 feet of wooded area that separates the trail from the Project.

9. Proposed Project Visibility – Proposed Project Visibility is discussed in this pre-filed written testimony under Section 7 of "Project Specific Testimony" explained above.

10. Electrical and Magnetic Frequencies (EMFs) – Please refer to the pre-filed written testimony submitted by Davis Jolley.

**Q. Did the Petitioner receive any comments from the Town of Manchester?**

A. Yes. The topics included:

1. Tree Clearing – Concerns regarding tree clearing, impacts to core forest, the creation of a new habitat edge that alters wildlife elements and changes tree growth habits and plant species, and the impacts to a forest that could become an old-growth forest.

2. Agricultural Activities – Questions regarding who taps the trees and who uses the sap.

3. Pollinator Habitat – Concerned that the proposed seed mix is not a native mix including an exceptional variety of pollinator-friendly species and that mowing and herbicide impacts to pollinators.

4. Potential Wetland Impacts – Concerns regarding impacts to wetlands on the proposed Project Site.
5. Potential Wildlife Impacts – Worried that the perimeter fence will create an obstacle for wildlife and potential impacts to the Box Turtle and Northern Long Eared Bat.
6. Vegetation Buffer – Concerned that the vegetation buffer is deciduous and might not provide adequate visual buffering year-round and that an evergreen tree buffer would not be tall enough to prevent visibility of the proposed Project Site.
7. Noise – Concerns about the noise resulting from the proposed Project Site.
8. Potential Impacts to the Trail – Asked for a demonstration that the proposed Project would not impact the portion of the trail located on the privately-owned Host Parcel.
9. Potential Impacts to Groundwater – Concerned about potential impacts to groundwater from the proposed Project.
10. Emergency Action Plan – Asked for an emergency action plan to mitigate run-off from the proposed Project for downslope properties. The Town also expressed concerns about mediation plans for any potential fires occurring on the proposed Project Site.
11. Location of Access Road – Asked for details regarding the gravel access road and that the access road be installed in accordance with the Town’s Public Improvement Standards.
12. Decommissioning Process – Asked for an inventory of pre-existing conditions before TRITEC commences construction and for the proposed basin to become a habitat for Box Turtles upon the proposed Project’s decommissioning. The Town also expressed concerns regarding long-term maintenance to restore the proposed Project Site to its pre-existing conditions.

13. Civil Drawing Set – Asked that the civil plan drawing set include the addresses of abutting parcels, the 50’ drainage and sanitary easement located on 161 Amanda Drive, the 20’ access easement on 177 Amanda Drive, the trail, and the gas easement. The Town also asked TRITEC to consider an access easement for the trail.

14. Operations & Maintenance Plan – Asked TRITEC to revise the Operations and Maintenance (O&M) Plan to reflect feedback from the Department of Energy and Environmental Protection (“DEEP”) regarding potential impacts to Box Turtles and the latest DEEP Guidelines. Also, the Town asked TRITEC to clearly post O&M information at the proposed Project Site for future maintenance contractors. The Town also asked TRITEC to review the parking and turnaround area to ensure there’s enough room for O&M contractors to prevent parking along Carter Street.

15. Stormwater Management Report – The Town asked TRITEC for the proposed Project’s Stormwater Management Report to adhere to the Town’s Public Improvement Standards Section 3.06: Storm Drainage Systems. Additionally, the Town asked TRITEC to conduct a percolation test at the proposed basin area and note the depth of any encountered groundwater and/or mottling. The Town also asked why the proposed Project is not designed to discharge towards the wetlands. Finally, the Town asked whether there is adequate access around the top of the basin for maintenance.

16. Erosion Control Plans – Confirmation that the Erosion Control Plan reflects the latest State guidelines.

17. Location of Proposed Project in Residential Zone – The Town expressed concern about the proposed Project’s location in a residential zone

**Q. Do you have any comments regarding these public comments?**

A. Yes.

**Q. Please explain.**

- A.
1. Tree Clearing – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
  
  2. Agricultural Activities – Solli is aware that there are agricultural activities being conducted on the proposed Site. Please refer to the pre-filed written testimony of Horton Electric for further details.
  
  3. Pollinator Habitat – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
  
  4. Potential Wetland Impacts – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
  
  5. Potential Wildlife Impacts – Solli retained the services of William Kenny Associates to perform this analysis. Please refer to their pre-filed written testimony.
  
  6. Vegetation Buffer – The proposed vegetation buffer along the eastern edge of the Project area consists of a mix of American Holly (evergreen) and Eastern Red-Cedar (evergreen) trees that will be approximately 7'-8' tall at the time of installation. This mix of trees was selected to enhance the wooded area that will remain between the residences to the east of the Project area and the Project itself. In good conditions, American Hollies will typically mature to be 15'-30' in height and 10'-20' in width. Eastern Red Cedars will typically mature to be 30'-50' in height and 10'-20' in width.
  
  7. Noise – Noise is discussed in this pre-filed written testimony in Section 9 of “Project Specific Testimony” explained above.
  
  8. Potential Impacts to Trail – There is a hiking trail that runs through the privately-owned Host Parcel that is approximately 100-200 feet from the Project area. It is anticipated that the Project may be visible during winter months from small portions of the trail that run

across the privately-owned Host Parcel. We don't anticipate the proposed Project will be visible from the trail during the summer months due to the natural topography and 100-200 feet of wooded area that separates the trail from the Project.

9. Potential Impacts to Groundwater – Based on the CT Department of Health Public Water Supply Map, there do not appear to be any wells downstream of the proposed solar facility. Vibrations from the installation of racking posts are not anticipated to cause any sedimentation release and should result in no disruption to well water flow and water quality. The Petitioner shall follow the guidelines of the Soil Erosion and Sediment Control Plan for this Project, which will minimize the potential impacts to the groundwater and surface water quality for the Site and its surrounding areas.

The Site is not located within a mapped Public Drinking Supply Watershed nor are any surface water features mapped as CT DEEP Cold Water Habitat Sites. The nearest drinking water watershed is 560 feet east of the Site. The western portion of the property, outside of the Project area, falls within a Service Areas of Community Public Water Systems, that being the Manchester Water Department.

10. Emergency Action Plan – It is unclear what the Town is requesting in the form of an emergency action plan to mitigate run-off from the proposed Project for downslope properties as the results of the stormwater analysis performed show that the post-construction peak discharge rates of stormwater runoff from the Project development will be substantially less (greater than a 50% decrease) than the pre-development peak discharge rates for the 2-year, 10-year, 25-year, 50-year and 100-year storm events. As currently designed, the proposed Project exceeds the requirements set forth in the 2024 Connecticut Stormwater Quality Manual; the 2024 Connecticut Guidelines for Soil Erosion and Sediment Control; the Connecticut General Permit for the Discharge of Stormwater and Dewatering Wastewaters from Construction Activities (General Permit), effective December 31, 2020; and the Connecticut Department of Energy & Environmental Protection (CT DEEP) Appendix I, Stormwater Management at Solar Array Construction Projects (Appendix I).

Please refer to the pre-filed written testimony of Warren Horton regarding mitigation measures for potential fires at the proposed Project Site.

11. Location of Access Road – A detail for the proposed access road has been added to the plans submitted with the interrogatory responses. A bituminous concrete driveway apron has been added to the plans at the intersection with Carter Street in accordance with the Town of Manchester specifications. The Town of Manchester Driveway Apron detail has been added to the plans.

12. Decommissioning Process – Please see the pre-filed written testimonies of William Kenny Associates and Warren Horton.

13. Civil Drawing Set – Plan 2.10 – Overall Site Plan, has the addresses for all abutting properties and depicts the gas easement. The 50’ drainage and sanitary easement located on 161 Amanda Drive and the 20’ access easement on 177 Amanda Drive have not been depicted due to the fact that these easements are not located on the Project site.

14. Operations & Maintenance Plan – Please refer to the pre-filed written testimonies of William Kenny Associates and Warren Horton.

15. Stormwater Management Report – The stormwater management basin has been modified to meet the Town of Manchester regulations, providing 0.5-feet of freeboard from the 100-year water surface elevation and the emergency spillway and 1.5-feet of freeboard from the 100-year water surface elevation and the top of the basin berm. The bottom of the basin has been modified to have a minimum 1% slope towards the outlet control structure. The primary outlet pipe has been sized to have sufficient capacity to convey the 100-year storm event. Infiltration tests have been performed within the area of the basin and an average infiltration rate of 0.9 in/hr was observed, however the stormwater basin has been designed without taking any infiltration into account. It is anticipated that water below the low-flow orifice in the outlet control structure will infiltrate into the ground. The outlet pipe from the basin discharges towards the wetlands located to the west of the basin.



Maintenance access to the basin is provided from the proposed access drive west along the proposed fence line to the basin. Solli submitted the revised Stormwater Management Report with Petitioner's response to Siting Council interrogatories.

16. Erosion Control Plans – Solli developed the erosion control plans in accordance with the 2024 Connecticut Soil Erosion and Sediment Control Guidelines.

17. Location of Proposed Project in Residential Zone – Please refer to the pre-filed written testimony of Davis Jolley.

**E. CONCLUSION**

**Q. Based on your analyses and your pre-filed written testimony addressing the existing environmental conditions and potential Project effects on environmental and community resources as detailed in the Environmental Assessment submitted with the Petition for Declaratory Ruling and the construction and operation of the Project, addressing Air Quality, Soils, Geology, and Topography, Water Supply Areas and Water Quality, Stormwater Management and Erosion and Sediment Control, Land Use, Cultural Resources, Visual Impacts, Scenic and Recreational Areas and Community Facilities, Solar System Noise, and FAA Review, is it your expert opinion that the proposed Project will not create any substantial adverse environmental effects and should be approved by the Siting Council?**

A. Yes.



## KEVIN SOLLI

P.E., PTOE, CRRP, CPESC,  
CDP, LEED AP BD+C

### Owner & Manager

#### Years of Experience:

21

#### Years with Firm:

Founded Solli Engineering LLC in  
May, 2012

#### Education:

B.S. Civil Engineering,  
Rensselaer Polytechnic Institute

#### Professional Accreditations:

- Professional Engineer: CT, DE, FL, ME, MD, MA, MI, NH, NJ, NY, NC, OH, OR, PA, RI, VT, VA
- Professional Traffic Operations Engineering
- Envirocert: Certified Professional Erosion & Sediment Control
- LEED Accredited Professional: USGBC
- Certified Design, Development & Construction Professional ICSC



*Mr. Solli has over twenty-one (21) years of civil engineering experience specializing in civil engineering, site development, transportation and traffic engineering. He has been responsible for the engineering design and preparation of contract documents for a wide variety of projects. He has served as both Project Engineer and Project Manager for site development and transportation infrastructure projects for a variety of private clients. Project Engineer responsibilities for land development engineering projects include the preparation of conceptual site plans, feasibility studies, comprehensive due diligence investigations, detailed site design drawings, comprehensive soil erosion and sediment control plans, stormwater management analysis and reports, stormwater pollution prevention control plans, septic design, and extensive local, state and federal permitting. Project Engineer responsibilities for transportation engineering projects have included the preparation of parking studies, traffic impact studies, traffic signal design, and detailed roadway design. Project Management responsibilities have included coordination of multi-disciplined teams of engineers in the execution of projects from the due diligence/planning stage through approvals and construction.*

### REPRESENTATIVE PROJECTS:

**ShopRite, Town of Greenburgh, New York** - Serving as Engineer of Record for the site design and construction of a 75,711 square-foot supermarket store with a 10,765 square foot retail store attached, and a separate 3,000 square-foot retail store with associated parking, drainage and utilities; while maintaining the existing Taco Bell restaurant at the northwest portion of the property. Highway design included off-site improvements to 1,100 linear feet of Route 9A along the property frontage including geometry, lane striping, as well as sidewalk, pedestrian and substantial utility relocation to both existing aboveground and underground utilities. Roadway design included widening of Old Country Road to provide additional storage length to the exclusive turn lane.

Traffic engineering services included traffic signal design for the site driveway and adjacent intersection to accommodate the reconfigured intersection in coordination with the upgrade of the traffic signal at Old Country Road under a state roadway project, corresponding traffic impact study, traffic data collection, trip generation assessment, intersection operational analysis, safety analysis, recommended safety and operational improvements, signing and striping, and a comprehensive traffic impact report for the ten signalized intersections within the study area. Traffic signal design was also provided for the project site driveway with Saw Mill River Road which includes replacement of signal poles, span wire and signal heads, implementation of video detection, and upgrades to pedestrian accommodations.

**Holyoke Landing, Holyoke, Massachusetts** – The project known as Holyoke Landing is a 10.32-acre undeveloped parcel which proposes the construction of a multi-tenant shopping center with two outparcels. Traffic Signal design included modifying the existing signal at the site driveway intersection and upgrade the existing pedestrian equipment. This signal also includes SynchroGreen capabilities. Traffic Engineering services included conducting a comprehensive traffic impact study including 6 intersections, traffic data collection, trip generation assessment, intersection operational analysis, safety analysis, recommended safety and operational improvements, signing and striping, maintenance and protection of traffic. Local and MassDOT approvals were secured for the proposed traffic signal modifications and construction administration services are being provided for the duration of construction.

**Shelter Ridge, Shelton, Connecticut** - The project proposes the development of 121.24 acres with a 1,294,100 square foot mixed-use development consisting of commercial retailers, restaurants, an assisted living facility, professional office, medical office, and luxury

## REPRESENTATIVE PROJECTS CONTINUED:

rental residences. Mr. Solli served as the engineer of record responsible for all project aspects including the preparation of the comprehensive traffic impact study for 17 study area intersections and proposed conceptual roadway improvements plans at 5 study area intersections. Project services also included in permitting services associated with the preparation of the Step 1 application under the OSTA major traffic generation certificate process.

**Towne Line Plaza, Monroe, Connecticut** – The project includes the development of an existing site totaling approximately 6.968 acres. The development proposes the construction of a 4,276 square foot convenience store with a gas station component and coffee shop with drive through, a restaurant of approximately 4,950 square feet, a mixed-use retail building of approximately 17,500 square feet, and a medical office of approximately 10,000 square feet. The proposed development includes a 38 foot wide main driveway with new traffic signal control along Monroe Turnpike in Monroe, Connecticut. Mr. Solli serves as the engineer of record responsible for all project aspects for the site design, traffic engineering, and permitting services for this project. Responsibilities include the preparation of detailed site design drawings which required comprehensive layout, grading & drainage, erosion and sediment control measures, and utility design, preparation of the off-site improvement roadway design plans, traffic impact study, and traffic signal warrant analysis and design through the OSTA MTG certificate permit and encroachment permit process.

**75 Church Hill Road, Newtown, Connecticut** – The project includes the development of a 2.034 acre parcel with a mixed-use development consisting of 12,237 square feet of total building area, a coffee shop drive-thru and a detached ATM kiosk location. Mr. Solli serves as the engineer of record for the site design, traffic engineering, and permitting services provided for this project. Responsibilities included the preparation of detailed site design drawings which required comprehensive layout, grading and drainage, erosion and sediment control measures, and utility design. The project development included the relocation of a portion of a brook (Tom Brook), to increase greater separation of from environmental contaminants and prevent mobility of the plume through the brook. Mr. Solli also serves as the engineer of record responsible for the design of the off-site improvement plans for roadway widening in coordination with ConnDOT project # 096-192. Traffic engineering services include the preparation of off-site improvement plans, traffic control signal plans, intersection operations analysis utilizing Synchro software, traffic impact study preparation and extensive coordination with ConnDOT through permitting and construction.



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Rensselaer Polytechnic Institute

### Professional Accreditations:

- Professional Engineer: CT, DE, FL, ME, MD, MA, MI, NH, NJ, NY, NC, OH, OR, PA, RI, VT, VA
- Professional Traffic Operations Engineering
- Envirocert: Certified Professional Erosion & Sediment Control
- LEED Accredited Professional: USGBC
- Certified Design, Development & Construction Professional ICSC



## Contact

labattican@gmail.com

[www.linkedin.com/in/eric-labatte-082751b](http://www.linkedin.com/in/eric-labatte-082751b) (LinkedIn)

## Top Skills

Civil Engineering

Construction

Stormwater Management

# Eric Labatte

Director of Operations - Solli Engineering  
Greater Hartford

## Experience

Solli Engineering  
Director of Operations  
September 2023 - Present (8 months)  
Monroe, Connecticut, United States

ALL-POINTS TECHNOLOGY CORPORATION, P.C  
Department Manager - Engineering  
March 2019 - August 2023 (4 years 6 months)

All-Points Technology Corporation  
Project Manager  
September 2013 - March 2019 (5 years 7 months)  
Connecticut

Freeman Companies, LLC  
Project Manager  
May 2010 - September 2013 (3 years 5 months)

BL Companies  
Project Manager  
June 2000 - April 2010 (9 years 11 months)

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## Education

Syracuse University  
BS, Civil Engineering · (1995 - 2000)

**PROJECT ROLE**

Assistant Project Manager

**EDUCATION**

Bachelor of Science in Engineering, Northeastern University, Boston, MA, 2006

**WORK EXPERIENCE**

Solli Engineering, LLC - Assistant Project Manager	August 2023 - Present
All-Points Technology Corporation – Project Engineer	March 2015 – August 2023
BL Companies – Project Engineer	February 2013 – March 2015
Freeman Companies – Staff Engineer	May 2010 – February 2013
BL Companies – Staff Engineer	June 2006 – May 2010

**SUMMARY OF QUALIFICATIONS**

Cameron S. Hendry has over 18 years of experience in civil engineering including transportation engineering in all phases of site/civil project development from preliminary sketch phase through design and final permitting. Proficient in computer-aided design, he has extensive experience in every aspect of civil engineering design for development sites, including hydrologic and hydraulic analysis, site layout, grading, utility design, stormwater management, sediment and erosion control and permitting with local and state agencies. Mr. Hendry also has experience in highway design, including roadway layout, grading, and hydraulic/drainage design for the State of Connecticut Department of Transportation. He also has experience in sedimentation and erosion control inspections, land surveying, construction stake-out, land planning, zoning investigation and permit procurement in the State of Connecticut.

**RELEVANT EXPERIENCE****Solar Facility, Suffield, Connecticut**

Served as Project Engineer responsible for the development of 0.99 megawatt AC solar facility in Watertown, Connecticut. Specific tasks under this contract involved site layout, drainage design, site grading, sedimentation and erosion control design and permitting with the Connecticut Siting Council.

**Solar Facility, Montville, Connecticut**

Served as Project Engineer responsible for the development of 0.99 megawatt AC solar facility in Watertown, Connecticut. Specific tasks under this contract involved site layout, drainage design, site grading, sedimentation and erosion control design and permitting with the Connecticut Siting Council.

**Solar Facility, Watertown, Connecticut**

Served as Project Engineer responsible for the development of 2 megawatt AC solar facility in Watertown, Connecticut. Specific tasks under this contract involved site layout, drainage design, site grading, sedimentation and erosion control design and permitting with the Connecticut Siting Council.

**Solar Facility, Uncasville, Connecticut**

Served as Project Engineer responsible for the development of 1.99 megawatt AC solar facility in Watertown, Connecticut. Specific tasks under this contract involved site layout, drainage design, site grading, sedimentation and erosion control design and permitting with the Connecticut Siting Council.

**Solar Facility, Old Lyme, Connecticut**

Served as Sedimentation and Erosion Control Inspector responsible for the inspection of Sedimentation and Erosion Controls during construction and post-construction for a solar facility in Old Lyme, Connecticut.

**Reconstruction of Powder Mill Road and Indian Hill Road, Canton, Connecticut**

Served as Project Hydraulics Engineer for the hydrologic and hydraulic design services for the reconstruction of Powder Mill Road and Indian Hill Road in Canton, Connecticut. Responsibilities include design of the proposed storm drainage systems, design of the proposed culverts, as well as providing full design plans.

**Culvert Replacement on Bunker Hill Road and Hansen Road, Canton, Connecticut**

Served as Project Hydraulics Engineer for the hydrologic and hydraulic design services for the replacement of a culvert on Bunker Hill Road and the replacement of a culvert on Hansen Road in Canton, Connecticut. Responsibilities include design of the proposed culverts, as well as providing full design plans.

**Reconstruction of Pepper Street, Monroe, Connecticut**

Served as Project Hydraulics Engineer for the hydrologic and hydraulic design services for the replacement of a culvert over West Branch Pequonnock River on Pepper Street, near the intersection of Pepper Street and Jockey Hollow Road, in Monroe, Connecticut. The culvert replacement is part of a larger project which involves the reconstruction of approximately 4,500 linear feet of Pepper Street from Grant Road to Cambridge Drive. Responsibilities include the submission of a hydrologic analysis report, and a hydraulic analysis report, as well as full design plans.

**Old Main Street Bridge Replacement, Rocky Hill, Connecticut**

Served as Project Hydraulics Engineer for the hydrologic and hydraulic design services for the replacement of a bridge over Goff Brook on Old Main Street, near the Rocky Hill/Wethersfield Town line in Rocky Hill, Connecticut. Responsibilities include the submission of a hydrologic analysis report, a hydraulic analysis report, a scour analysis report and a floodway analysis report as well as full design plans.

**Constitution Natural Gas Pipeline, Brooklyn Township, Pennsylvania to Wright, New York**

Served as Project Hydraulics Engineer for the drainage and erosion control design services for the installation of the 124 mile Natural Gas transmission line from Brooklyn Township, Pennsylvania to Wright, New York. Responsibilities included providing project design for all required sediment barriers and waterbody crossings along the entire pipeline and the design of approximately 70 permanent access roads.

**Consultant Liaison Engineering Services for the State and Federal Local Bridge Program, Connecticut Department of Transportation**

Served as Project Hydraulics Engineer for the hydrologic and hydraulic design services for 23 bridges under the Connecticut State CLE Program. Responsibilities included the submission of 23 hydrologic analysis reports, 23 hydraulic analysis reports, 13 scour analysis reports and 7 floodway analysis reports.

**Polamer Precision, Pinnacle Business Park, New Britain, Connecticut**

Served as Project Manager/Project Engineer responsible for managing the civil project team, budget and design for a 140,000 square foot manufacturing facility in New Britain, Connecticut. Specific tasks under this contract involved site layout, drainage design, utility layout, coordination with the City of New Britain, permitting, planning and project management.