Traffic Management Plan

Lovers Lane Solar Project
Lovers Lane, Torrington, Connecticut

PREPARED FOR

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PREPARED BY

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Introduction

This Traffic Management Plan (TMP) has been prepared to fulfill the requirements of 3(j) of the Decision and Order (D&O) on Petition #1638 issued by the Connecticut Siting Council (CSC) on January 24, 2025. The purpose of the TMP is to describe traffic management practices during the construction of the Project.

This Plan was prepared by VHB in association with LSE Sextans LLC.

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Purpose of This Plan

A TMP lays out a set of strategies for managing the work zone of a construction project. Work Zone Objectives are:

- Provide a high level of safety for workers and the public
- Minimize congestion and community impacts
- Provide contractor adequate access to the roadway to facilitate work.

This TMP includes:

- Project Description
- Work Zone Impact Assessment
- Work Zone Impact Strategies
- Emergency Response & Contact Info

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Project Description

The Lovers Lane Solar Project is a ±3.0 megawatt solar farm on undeveloped field/forest as well as associated utilities, access paths, fencing, and landscaping to support this use.

3.1 Project Schedule

Project construction is expected to begin in the spring of 2026 and be substantially completed by the end of 2026.

3.2 Construction Entrance

The sole construction entrance will be located on the east side of Lovers Lane, approximately 2,600 feet to the south of its intersection with Goshen Road (Route 4). It is anticipated that the primary construction trailer and staging area within the project limits on the host parcel.

Lovers Lane is a ±26 foot wide two-lane collector roadway with a posted speed limit of 25 miles per hour. A double yellow centerline is striped on the road. No shoulder lines or sidewalks are provided on the road adjacent to the construction site.

Lovers Lane is a Town-owned roadway. No access to the site will be provided directly from any State road. Therefore, obtaining an encroachment permit from the Connecticut Department of Transportation (CTDOT) is not required.

3.3 Construction Traffic

The following traffic is anticipated at the site during construction:

3.3.1 Employees

Approximately 10 employees per day are projected on the site during the earthwork and erosion control installation portion of construction. After the first month, up to 20 employees per day are expected on site for racking installation and electrical work. Employees are expected to arrive at the site at approximately 7:00am and depart the site by 5:00pm. It is anticipated that the majority of employees will park their personal vehicles in the designated staging area on the site. No parking for employees shall take place within the right-of-way of Lovers Lane without permission from Town of Torrington.

3.3.2 Truck/Equipment Deliveries

Grading equipment (i.e. earth movers, bulldozers, excavators, front end loaders, sheep foot rollers) will be delivered during the first month of construction. Truck deliveries are expected to peak at up to 20 per day during portions of the first approximately three months of construction for deliveries. In the event of a wide load trailer handling a delivery to or from the site, the use of escort vehicles shall be employed. No parking of equipment or trucks, or offloading of materials, shall take place within the right-of-way of Lovers Lane without permission from Town of Torrington.

3.3.3 Construction Restrictions

Construction activities such as excavation/grading and installation of the solar panel systems will typically be limited to normal daytime working hours. Construction activities beyond normal daytime work hours would be minimized to the extent practicable.

3.3.4 Traffic Control

A police officer and trained construction flagging personnel shall be employed in the event that a planned impedance to the normal traffic flow of Lovers Lane is anticipated. For other times, primarily due to the low volume of native traffic on Lovers Lane and adequate site distance, the use of flagmen and police is not warranted provided that sight lines are maintained and traffic on Lovers Lane is not impeded.

3.4 Project Lifespan Traffic

Following the substantial completion of construction and during the operational phase of the project, trips to and from the project site are anticipated to be extremely limited. It is anticipated that one passenger vehicle for operations & maintenance checkups will visit the site per month and that no large trucks will visit the site.

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Work Zone Assessment

VHB completed a traffic engineering investigation to evaluate access to the site from Lovers Lane in Torrington, Connecticut. A representative of VHB visited the site on September 5, 2025, to acquire data.

4.1 Sight Distance Evaluation

The available sight distance from the driveway location at a distance of 15 feet from the traveled edge of Lovers Lane along the site frontage was measured, and other potential conditions that may affect the safety and operation of site access during construction were investigated. The available sight distance was compared with the sight distance requirements outlined in the CTDOT Highway Design Manual. The minimum required sight distances were calculated based on a design speed of 30 miles per hour on Lovers Lane (5 miles per hour above the posted speed limit). The results of the sight distance investigation are summarized below.

Intersection Sight Distances

	Available Sight Distance			Meets Standard	
	Left (south)	Right (north)	Minimum (passenger vehicle)	Left (south)	Right (north)
15′ back from Lovers Lane traveled edge	±720′	±335′	335′	YES	YES

As noted in the table above, adequate sight distance at a distance of 15 feet from the traveled edge is currently provided along Lovers Lane from the driveway location and the permanent usage of passenger vehicles to the site.

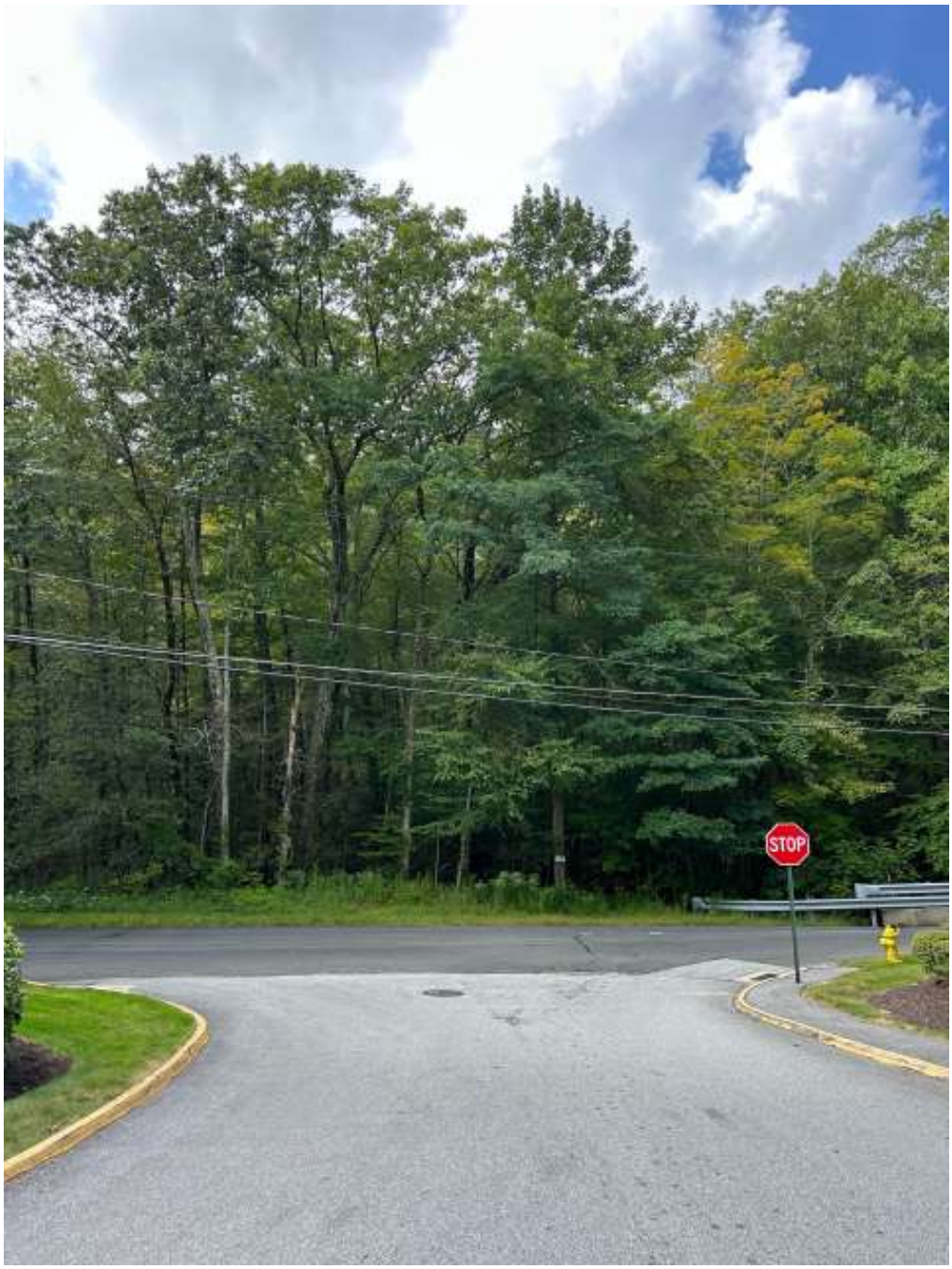
Trees within the right-of-way may need to be trimmed as needed during construction to maintain minimum sight distances from the driveway location to the south, in accordance with CTDOT guidelines.

4.2 Average Daily Traffic Volume

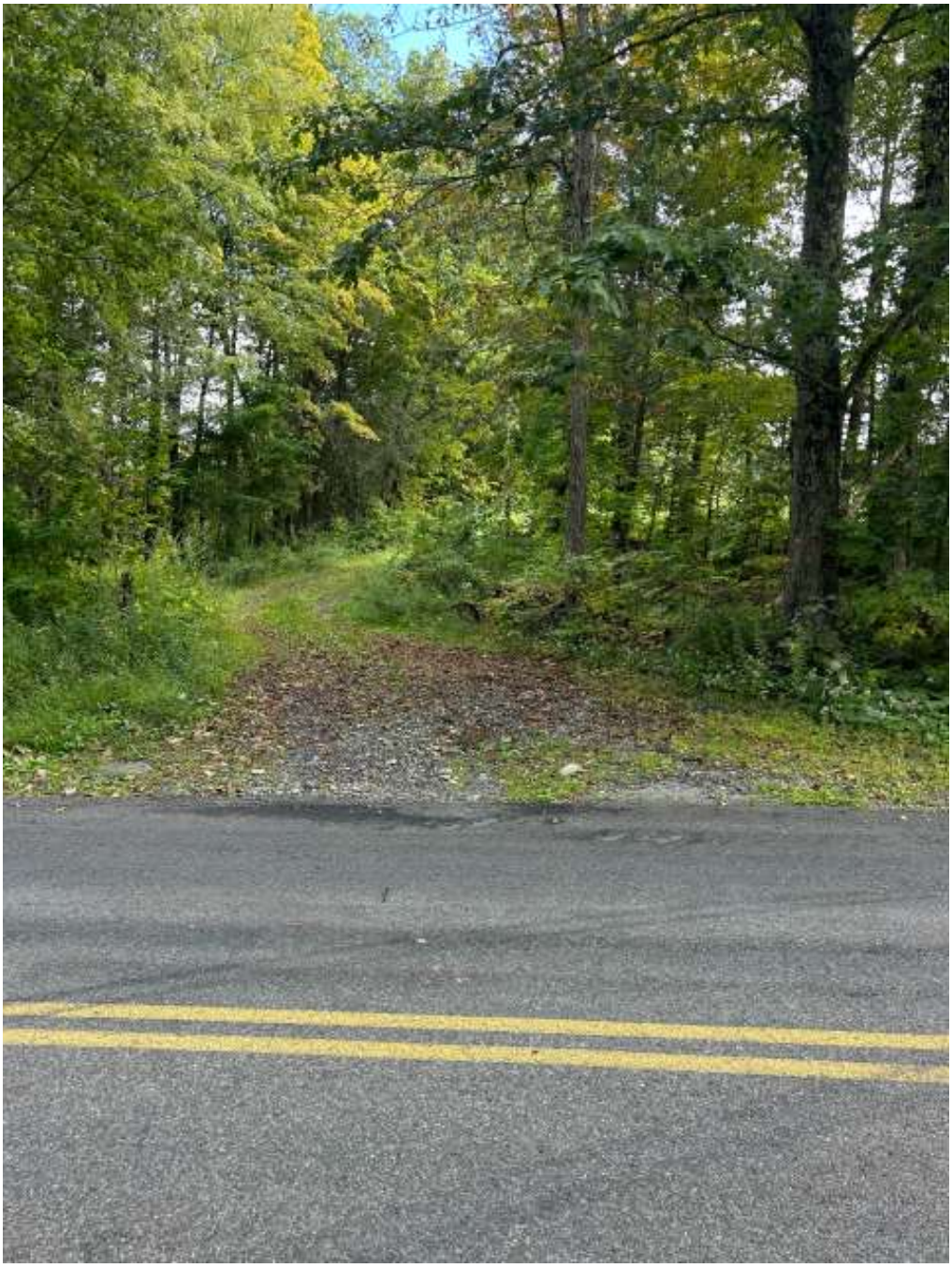
Traffic counts were measured at both the existing/proposed site driveway and at the intersection of the condominium complex road with Lovers Lane. The results were that 26 vehicles passed the site driveway in the hour of 11:00 AM to 12:00 PM, and that 35 vehicles utilized the intersection of the condominium complex road with Lovers Lane in the hour of 12:00 PM to 1:00 PM. Of those 35 vehicles, 18 vehicles either entered or exited the condominium complex road.

4.3 Additional Circumstances

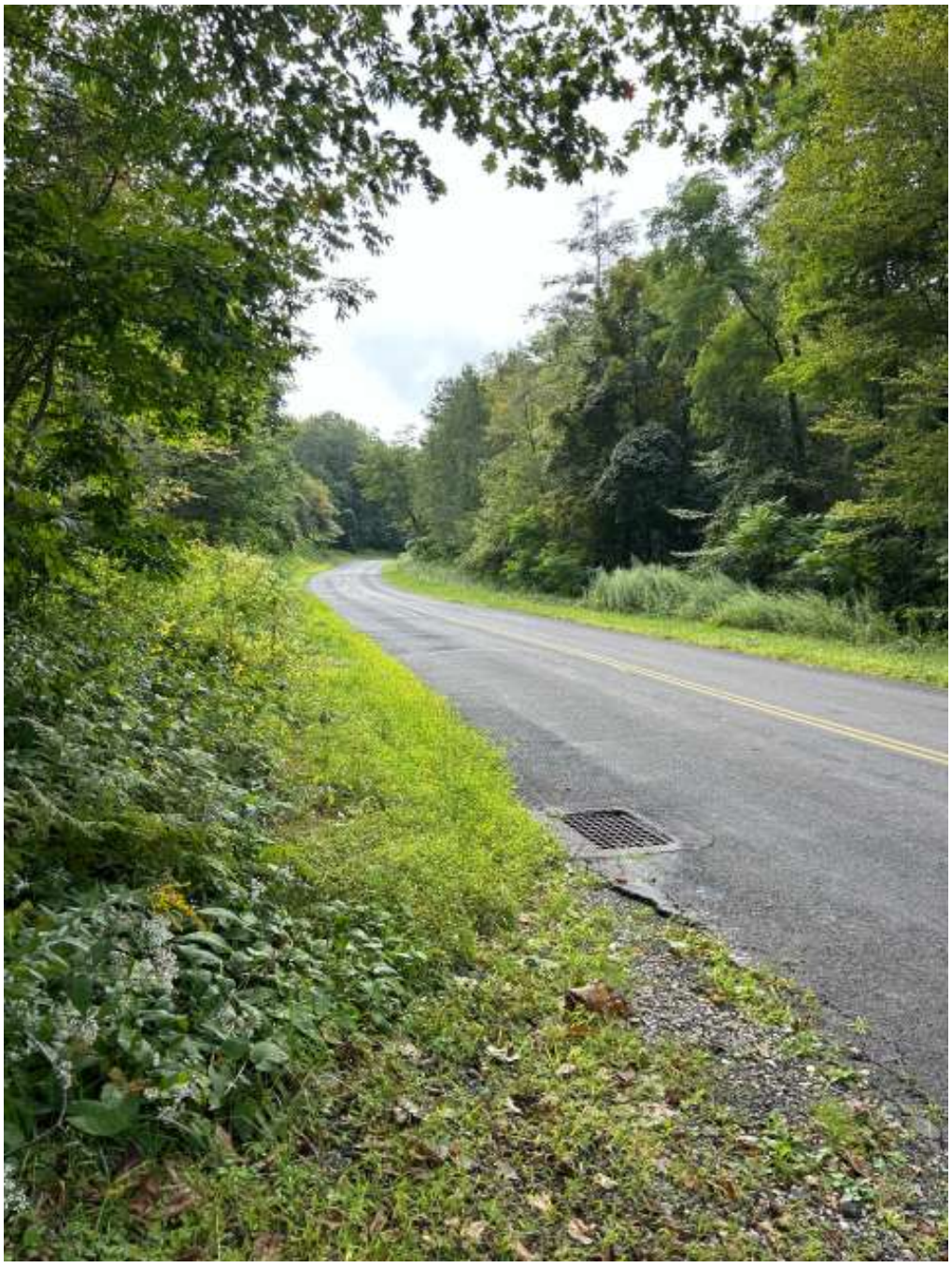
It is anticipated that a majority of truck/equipment deliveries will approach Lovers Lane from Goshen Road (Route 4), in an effort to decrease the amount of construction traffic through residential neighborhoods to the south of the project.



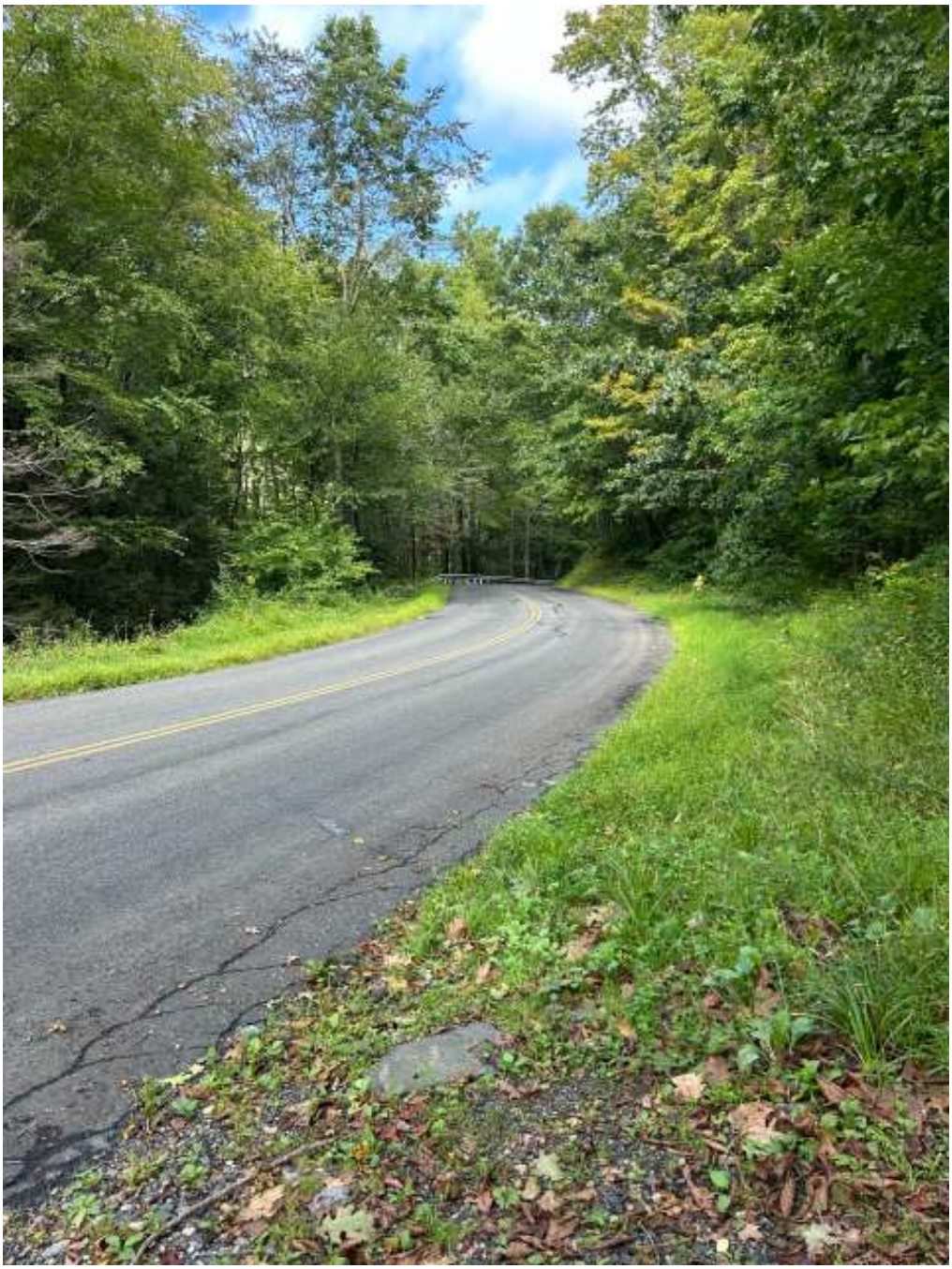
Intersection of condominium complex with Lovers Lane



Existing site entrance drive from Lovers Lane



View from site entrance drive looking left (south)



View from site entrance drive looking right (north)

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Work Zone Impact Strategies

The following measures are proposed for the maintenance and protection of traffic during construction:

- Install "Trucks Entering" signs on Lovers Lane approximately 150 feet in advance of the site entrance in both directions, to alert motorists that there will be increased truck traffic during construction.
- Selective tree trimming/clearing to achieve sight line distances to the south may be necessary based on levels of vegetation at time of construction.
- A police officer and trained construction flagging personnel shall be employed in the event that a planned impedance to the normal traffic flow of Lovers Lane is anticipated.
- Delivery of equipment and materials to the site should be performed during off-peak hours of the work day (i.e. not rush hour).

The contractor should continue to analyze traffic patterns in Lovers Lane for performance and safety issues. Should any observed conditions warrant it, the list of proposed maintenance and protection measures will be re-assessed and revised to address the observed conditions.

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Emergency Response & Contact Info

The Lovers Lane Solar project will have an emergency response plan during construction. Emergency contacts are listed below:

LSE Sextans, LLC Managing Director
Jeffrey Macel
(860) 881-0777
jmacel@lodestarenergy.com

EPC Superintendent and Project Manager
To be determined
Information to be provided when available

Urgent Emergencies
Dial 911