

October 13, 2022

Melanie Bachman, Esq.  
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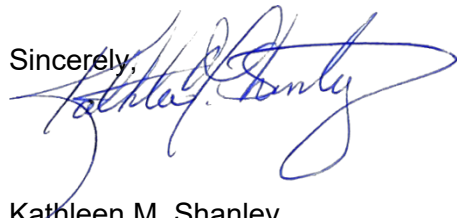
Re: Petition No. 1527 Stevenson to Pootatuck Rebuild Project

Dear Ms. Bachman,

This letter provides an original and 15 copies of the response to the requests for information listed below:

Response to CSC-02 Interrogatories dated September 23, 2022  
Set 02 - Questions 29-32

Sincerely,



Kathleen M. Shanley  
Manager – Transmission Siting

**Date Filed:** October 13, 2022

**Request from:** Connecticut Siting Council

**Question: 29**

Referring to the response to Interrogatory 20:

- a. What is the expected visibility of the proposed Structures 19254, 19655, and 19655A to the abutting residences?
- b. What would be the expected visibility for abutting residences if Structures 19254, 19655, and 19655A were relocated to the pull pad location north of Thoreau Drive?
- c. What would be the expected visibility for abutting residences if Structures 19254, 19655, and 19655A were relocated to the Wetland 7 area south of Thoreau Drive?
- d. Provide a revised map sheet that depicts the relocation of Structures 19230 and 19631 approximately 10 to 20 feet to the north and specify the associated structure height increase. Confirm that Eversource will relocate these two structures as part of this project.

**Response:**

Please see the responses below:

- a. There would be unobstructed views from the outside yard of LL200A-316 (96 Thoreau Drive) of proposed structures 19254, 19655, and 19655A in the currently proposed locations. The structures are located approximately 17 feet in front of LL200A-316, but approximately 85 feet laterally from the southeast corner of the house. This location forms an extreme angle from the front (south facing) windows of the house, and therefore it is expected that the structures would not be plainly visible from these windows. Additionally, there are no windows located on the east wall of the house, which faces the right-of-way ("ROW").

The structures would also be visible from the outside yard (south facing) of LL200A-318 (100 Thoreau Drive); however, the windows on the house are not facing the proposed structure locations. The structures are located approximately 90 feet, 125 feet, and 145 feet, respectively, from the southeast corner of LL200A-318. There are various moderate size pine trees on the property, outside of the ROW, but between the residence and the ROW which help will to obstruct views of the lower portion of the structures.

The locations of the three proposed structures were chosen to attempt to balance the lengths of the two spans, while avoiding both wetlands W6 and W7, as well as avoid the steep terrain approximately 100 feet to the north.

To aid in mitigating visual impacts, Eversource has extended offers of a planting plan to property owners of both LL200A-316 and LL200A-318 to aid in screening the lower portions of the structures.

- b. The expected visibility of the proposed structures would be increased for abutter LL200A-318 if the structures were relocated to the pull pad location north of Thoreau Drive. The structures would be more visible from the north side windows of the house, as well as the back yard of the property.

The expected view of the structures at the pull pad location would likely be decreased for abutter LL200A-316. However, it is estimated that the top 50 to 55 feet of the structures would still be unobstructed by existing vegetative screening on parcel LL200A-316, to the west of the ROW. It is expected that the structures would be visible from the rear (north) facing windows of the house. It is also expected that visual impacts would be further minimized for abutters located to the south of Thoreau Drive, such as LL200A-315. In addition, the proposed pull pad space is limited by the sloping terrain as well as Wetland W6 and Stream S6. It would be impractical to stage trucks and other equipment to erect structures at this location. In addition, future maintenance operations would also be rendered more complicated by locating the poles in this area because it may require more civil work and additional matting.

- c. If the proposed structures were relocated to the Wetland W7 area, the expected visibility of the proposed structures would be greatly increased for the abutter at LL200A-315, particularly from the yard outside the house. Direct visual impacts would be limited from the views from the rear windows of the house, as the proposed structures would be located somewhat to the north of the house. Shifting the structure location to W7 would also directly impact additional abutters as the structures would be more plainly visible from the front windows of the houses located on parcels LL200A-316 and LL200A-318, particularly that of LL200A-316. Further, a permanent wetland impact would be unavoidable if the structures were moved to W7.
- d. Eversource proposes to relocate structures 19230 and 19631 15 feet to the north. No structure height increase is proposed as part of the relocation. See the attached revised Mapsheet 8 of 14 (dated October 2022).

**Date Filed:** October 13, 2022

**Request from:** Connecticut Siting Council

**Question: 30**

Referring to Map Sheet 4, provide the span lengths between the following structure groups:

- a. 19650-19249 and 19649-19248.
- b. 19649-19248 and 19648-19247.

**Response:**

Please see response below:

- a. The span lengths between structure groups 19650-19249 and 19649-19248 are approximately 703 feet.
- b. The span lengths between structure groups 19649-19248 and 19648-19247 are approximately 776 feet.

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**Request from:** Connecticut Siting Council

**Question: 31**

Referring to Map Sheet 8, provide the span lengths between structure groups 19627-19226 and 19629-19629A-19228.

**Response:**

Span lengths between structure groups 19627-19226 and 19628-19227 are approximately 335 feet.

Span lengths between structure groups 19628-19227 and 19629-19629A-19228 are approximately 631feet.

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**Request from:** Connecticut Siting Council

**Question: 32**

Describe the feasibility of the relocation of Structures 19627 and 19226 to the northwest to the edge of the proposed gravel work pad in order to eliminate midspan Structures 19628 and 19227.

**Response:**

Based on the span lengths set out in the response to Question 31, if proposed midspan Structures 19628 and 19227 were eliminated, the resulting span length would be approximately 966 feet (335 feet plus 631 feet). Relocating Structures 19627 and 19226 to the northern edge of the proposed gravel work pad would only shorten the span approximately 50 feet, resulting in a span length of approximately 916 feet. A span of this length would lead to a violation of Eversource's conductor blowout clearance standards in this corridor.