

[REDACTED]

**From:** [REDACTED]  
**Sent:** Wednesday, April 14, 2021 2:03 PM  
**To:** sharonpc@pcairnoisetraffic.com  
**Cc:** [REDACTED] [REDACTED]  
**Subject:** Request for Quotes - Hoboken Yard Signal & Yard Power Construction Related Vibration Assessment  
**Attachments:** ST-15&16&20\_Signal & Yard Power Bid Drawings\_2020.04.03 35.pdf

Dear Sharon,

In order to address New Jersey Historic Preservation Office (HPO) concerns related to construction activities within the Hoboken Rail Yard, NJ TRANSIT is seeking a request for quotes to perform a General Vibration Assessment, per the Federal Transit Administration's (FTA) *Transit Noise and Vibration Assessment* (dated September 2018).

Vibration sensitive structures within the study area include the Hoboken Terminal Train Shed. The FTA General Construction Vibration Assessment shall be performed based on micropile installation of monopole foundations (see attached design drawing detailing monopole installation locations relative to the Hoboken Terminal Train Shed).

The findings report shall detail vibration results, calculation methodologies, and construction details within a Vibration Impact Report. Results will be compared to impact criteria provided within the FTA guidance document for the appropriate structure type. The report shall also describe any recommendations for monitoring or other actions to be undertaken during construction.

Prior to preparing a scope and quote, kindly contact me if it is deemed appropriate to evaluate foundation locations beyond the area shown on the attached plan sheet so that additional drawing(s) may be provided. Please let me know if you have any questions or need for additional information.

[REDACTED]  
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