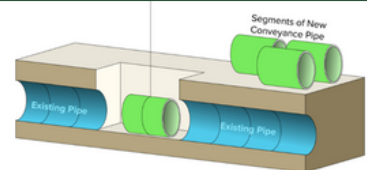


SLIPLINING FAQ: NOISE AND VIBRATION MONITORING

Q: What construction work is happening along Sunrise Highway?

A: The Bay Park Conveyance Project’s Design-Build contractor, Western Bays Constructors (WBC), has begun sliplining along Sunrise Highway. Sliplining is a trenchless construction technique that is repurposing more than seven miles of an abandoned aqueduct under Sunrise Highway between Rockville Centre and Wantagh. Sliplining is the process of installing a new smaller pipe inside a larger existing pipe. To minimize disturbance, construction crews build discrete pits to access the existing aqueduct. At the base of each pit, crews install a hydraulic jacking machine to push the new conveyance pipe into the aqueduct. By repurposing the aqueduct, the new pipeline will be constructed faster, at a substantially reduced cost, and with limited disturbance to adjacent businesses and the public.



Q: How is a pit constructed and what work activities may I see?

A: Construction of each pit includes the installation of Support of Excavation (SOE). SOE serve as retaining walls to support the earth and roadway during excavation. SOE installation at pit locations uses various construction machinery such as vibratory hammers, pile drivers, and cranes. When SOE installation and other construction activities are complete, crews excavate soil to access the existing aqueduct and perform sliplining. Active pits are covered with concrete road planks during non-working hours so traffic on Sunrise Highway can safely traverse the pits.

Q: What noise and vibrations might I experience near a pit site and how long will it last?

A: Installation of SOE can cause periods of noise and vibration that may be noticeable in adjacent areas. The duration and intensity of noise and vibrations varies depending on the construction activity. The most noticeable noise and vibrations are expected to occur during sheet pile installation, which lasts approximately three-to-five overnight shifts at each pit location. This activity is followed by additional SOE installation and excavation activities, which produce less disturbance and may last for several weeks. Once a pit is constructed, sliplining may begin. Noise and vibrations may also be generated from cars and trucks driving over the road planks. WBC continues to monitor the road planks to address any disturbance. Most work along Sunrise Highway will take place between 9 p.m. and 6 a.m., Monday through Friday. The dates, times, and locations of any weekend work will be communicated to the public.

Q: How will noise be monitored and controlled? 

A: WBC is conducting noise monitoring prior to and during active construction, including sliplining, at pits located near occupied buildings. Noise monitors are deployed and collect continuous readings that are logged and reviewed. In addition, WBC continues to monitor and evaluate construction techniques and equipment to minimize potential noise impacts to the surrounding community.

Q: What happens when there is a noise exceedance?

A: WBC strives to ensure noise levels resulting from project activities do not exceed local noise ordinances for both day and night operations. If noise monitors detect levels exceeding a noise threshold (response level), the Project Team receives electronic alerts. In such cases, WBC reviews construction techniques and makes adjustments where possible to lessen the disturbance. Community complaints are also carefully considered, and actions may be taken to further reduce noise levels.



Q: How will vibration be monitored and controlled?

A: WBC is conducting vibration monitoring prior to and during active construction, including sliplining, at pits located near buildings. Vibration monitors are deployed at the active work sites to collect continuous readings that are logged and reviewed by the Project Team.

Q: What happens when there is a vibration exceedance?

A: Vibration thresholds (response levels) for the project are in place to help limit vibrations and protect surrounding infrastructure and buildings. The Project Team receives electronic alerts in the event of an exceedance of a vibration threshold. In such cases, WBC reviews construction techniques and adjusts activities to reduce vibrations. Additionally, community complaints concerning vibrations are considered and actions may be taken to further reduce vibration levels.

Q: If I have questions or concerns, who should I contact?

A: The project's Community Outreach Program is committed to undertaking robust community engagement and maintaining an open line of communication throughout construction. We are also committed to minimizing disruption to the extent practicable. The Community Outreach Team is available to answer questions throughout the duration of construction. For more information, visit <http://www.BayParkConveyance.org> and our Facebook page [@BayParkConveyance](#) and register for [email updates](#). Our Community Information Center is located at 265 Sunrise Highway in Rockville Centre; please visit our website for hours. You may contact us via the Project's 24/7 hotline at (516) 252-6121 or email us at bayparkconveyance@gmail.com with any questions.

