



October 2025 Construction Update

West Portal Construction Activities Continue to Progress at Newhall Yard & Maintenance Facility

Construction activities are situated within VTA-owned property bound by Brokaw Road, Newhall Drive, Coleman Avenue, and the Railroad tracks.

Anticipated Work in October – What to Expect

In October, work activities at West Portal will occur from **Monday at 6 a.m. through Sunday at 6 p.m.**

Day Work Includes:

- **Installation of Monitoring Equipment:** Placing gauges and tilt sensors to track pressure and ground movement and ensuring the structure remains safe and stable. Expect brief, localized activity with light equipment, and minimal disturbance.
- **Mass Excavation:** Digging within the retaining walls to lower ground elevation and finish key below-ground features for the Tunnel Boring Machine Launch Structure. Digging for large rebar cage panels. Expect engine noise, flashing safety lights, and movement of large excavation equipment.
- **Installation of Excavation Bracing Support:** Installing and stressing heavy steel beams (walers and struts) to brace the support of excavation walls as the excavation goes deeper. Expect hammering and machinery noise as beams are secured and additional noise from other heavy equipment.
- **Drilling Dewatering Wells:** Drilling 110-foot-deep wells to manage groundwater and keep work areas dry. Expect steady noise from drill rigs and trucks.

Day and Night Work Includes:

- **Construction of Underground Support Walls:** Constructing reinforced underground support walls, installing both primary walls for main support and secondary walls to strengthen and seal the system. Expect regular truck deliveries, crane activity, and drilling noises.

Night Work Considerations:

- To ensure safety and visibility during night work, additional lighting will be used and aimed downward toward the site to protect workers and minimize light toward homes.
- Nearby residents may expect flashing of safety lights from construction vehicles. White (low) noise backup alarms will be used for safety.





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August - September 2025 Construction Progress



The hydromill being used to excavate materials.



Assembly of the reinforcement cage for Y-shaped concrete panels inside the tripping frame structure.



Timber matting being prepared for equipment staging and ground protection ahead of heavy lifting operations.



Sheet pile excavation beginning with the first cut made into the ground.





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Excavation and hauling activities continue as crews remove soil to prepare for upcoming underground construction.



Formwork and rebar installation completed for foundation elements at West Portal. This work supports the upcoming caterpillar shaft construction.

