Hudson County Shaft Site: **Construction Update**

In the coming weeks, two activities are scheduled to begin at the Hudson County Shaft Site:

1. Controlled blasting in the shaft
2. Construction of an in-ground retaining wall next to the shaft

Controlled Blasting

As anticipated, the contractor has reached bedrock 80 feet below street level. Preparations are underway to employ controlled blasting to a final depth of approximately 130 feet. Test blasting is anticipated to begin as early as Wednesday, October 28 and will last approximately one day. Production blasting is anticipated to start as early as Monday, November 2. The operation is anticipated to conclude early next year. **Blasting will be contained within the shaft, which will reduce surface impacts.**

Monitoring and Site Controls

Noise, dust, and vibration will be monitored to confirm work remains within allowable limits. The site will be cleared and secured before each blast.

Noise | Dust | Vibration

Up to Three Blasts Anticipated Per Day

9:00am | 12:00pm | 3:00pm

Monday – Friday only. No weekend blasting.

Each blast will last less than one second. Sound or vibration may be noticeable. Warning whistles will sound before each blast and when the area is clear.

Signal 1

"5-minute warning to blast"

Two long whistles will sound. All workers will be removed from the shaft blast zone.

Signal 2

"Ready to blast"

One long whistle will sound after the team confirms the shaft is safe. The blast will then be initiated.

Signal 3

"All Clear"

Two very short whistles will sound. The team will confirm the shaft is safe before work resumes.

In-ground Retaining Wall

The in-ground retaining wall, or secant wall, will take approximately three months to complete. The wall will extend approximately 100 feet below ground and will help block soil movement and stop groundwater from flowing into the access shaft when tunnel boring begins.

QUESTIONS OR CONCERNS?

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