



Key Bridge Rebuild:

What to Expect During Test Pile Driving

The Maryland Transportation Authority (MDTA) is rebuilding the Francis Scott Key Bridge to reconnect I-695 in Baltimore. The MDTA is committed to constructing the safest bridge to enhance the needs for Marylanders for generations to come.

The MDTA will begin test pile driving in Summer 2025. This process is necessary to confirm that the soil conditions are suitable for future pile installation.

Schedule and Timing

- Test pile driving is scheduled to begin this Summer through Fall 2025.
- Work will typically occur Monday through Saturday, between 7:00 a.m. and 7:00 p.m.



Noise and Vibration

- Pile driving can create loud, repetitive hammering sounds.
- Vibratory hammers may produce a deep humming or buzzing noise.
- Noise mitigation measures, such as bubble curtains to protect fish and other aquatic species, will be used to reduce underwater noise near the hammer.

Duration

- Test piling is expected to occur periodically — two to three days per week — and will last a few hours each day.
- A total of 12 test piles will be installed at the two piers that will support the main bridge span.

Safety

- Boaters should control their wake near pile driving equipment for the safety of the workers.
- Noise and vibration monitoring is being conducted in the surrounding communities to provide real-time feedback to the construction team.