

I-35 Capital Express Central Concrete Production

To complete the I-35 Capital Express Central project on time, on TxDOT's contractor Balfour Beatty Construction will operate a temporary concrete production facility area in the TxDOT right of way on I-35 near SH 71/Ben White Boulevard.



Pictured above is a temporary wet batch concrete plant.

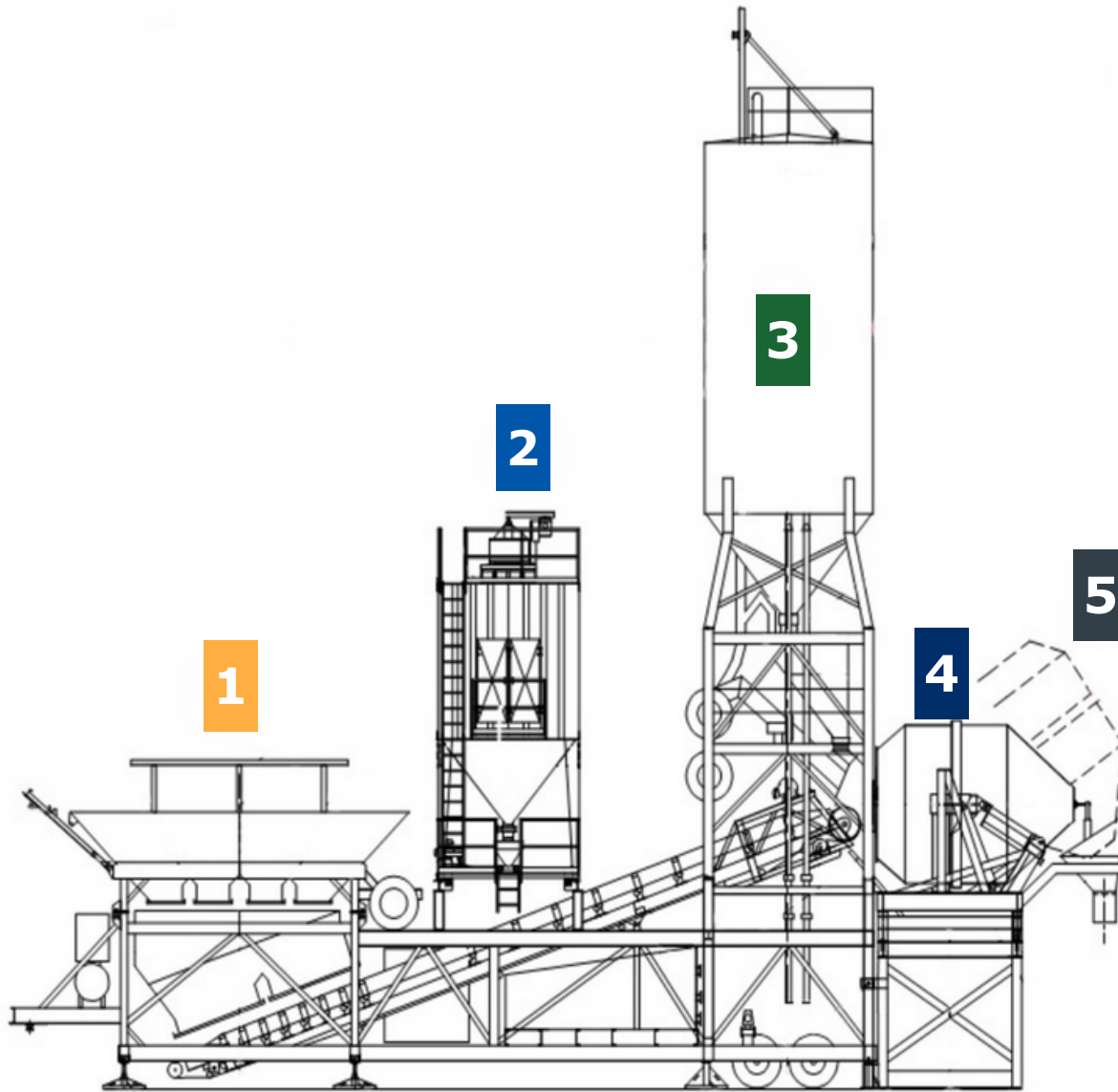
- Wet batch concrete and cement-treated base (CTB) are required for construction of the I-35 Capital Express Central project. Balfour Beatty will operate their own temporary wet batch concrete plant to produce these necessary materials.
- The temporary wet batch concrete plant will be delivered to the project area in late 2025 and will begin operations in early 2026. It will be removed once construction is complete.
- Balfour Beatty will follow TCEQ air emissions permit requirements for the temporary wet concrete batch plant, which comply with EPA standards that protect the health of people who live and work nearby.
- The chosen location for the temporary wet batch concrete plant meets all TCEQ air emissions permit requirements for distance from nearby properties.
- Construction operations required for the I-35 Capital Express Central project will take place during the day, at night and on the weekends, and will include use of the temporary wet batch concrete plant. Noise will be periodic during loading operations.

Concrete Production Site Location



- Safe access to two traffic signals
- No additional tree clearing required
- Immediate availability
- No utility conflicts
- Central location within project limits
- Access to PEC electric service eliminates need for diesel generators

How does a temporary wet batch concrete plant work?



1

During operations, sand and rock are loaded onto conveyor belts which go into the central mixing unit drum.

2

A dust collector over the conveyor belts is designed to capture most of the dust generated from the plant.

3

Cement, the active ingredient in concrete mix, is stored in a contained silo. The silo is loaded through an enclosed, air-pressurized vacuum system to limit dust.

4

The central mixing unit drum is where concrete ingredients are mixed with water. It is completely enclosed, which helps reduce noise and dust.

5

After 90 seconds of mixing, the drum is raised vertically, and wet concrete is placed into trucks for use on I-35.