

FACT SHEET



BATCH PLANT OVERVIEW

Along with safety, quality is the most important aspect of Pegasus Link Constructors' (PLC) construction culture. To ensure consistency in the quality of the concrete before it is installed, PLC is using a central mix/wet concrete batch plant on the Texas Department of Transportation (TxDOT) 635 East Project. Located at 3159 Garland Avenue, the concrete batch plant is a temporary facility approved by the City of Garland, and it will be removed when the project is complete.

With the project being 11 miles long, this centralized location allows for PLC to most efficiently build the 635 East Project on time, benefiting the City of Garland and its neighboring communities. Furthermore, this central location facilitates the construction of continuous frontage roads. This means reduced construction traffic on main roads and reliable access to local businesses.

MITIGATING ENVIRONMENTAL IMPACTS

DUST

- Periodically, trucks and sprinklers will spray water and environmentally friendly suppressants on yard surfaces and material piles to mitigate dust. In addition, the concrete batch plant will have its own built-in dust filtration system to capture dust particles as concrete is mixed to prevent leaving the plant site.
- The concrete batch plant will be monitored at all times and compliant with the City of Garland and the Texas Commission on Environmental Quality (TCEQ) regulations. Air quality measurements will be taken in accordance with TCEQ requirements.

NOISE

- The noise levels at the batch plant will be kept at or below Garland Noise Ordinance requirements at the property line.
- The batch plant equipment will be positioned as far south on the premises as reasonably practicable to provide maximum distance from the closest residents located north of the staging yard.

WHAT HAPPENS AT THE BATCH PLANT

1. Raw ingredients are delivered to the batch plant from off-site locations.
2. The plant will combine stone, sand, cement, supplementary cementitious materials, and water to produce concrete for the project's roadway, bridge, drainage, and pedestrian facilities.
3. The dry ingredients for concrete will be dispensed from the storage bins onto a conveyor and into a concrete mixer drum to make the concrete.
4. The mixer drum will combine all the ingredients, including water. This is the last stop for all ingredients before being transported for use along the project.

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