



CITY OF HOUSTON
Houston Public Works

DESIGN-BUILD SERVICES

Northeast Water Purification Plant Expansion

Houston Waterworks Team





Construction Progress – EWP 1 MAIN PLANT

August 8, 2018

- **Dewatering and Final grading Ponds 1, 2, and 3**
- **Clearing and grubbing South East corner**
- **Embanking Roads 2 & 3**
- **Installing 20”RW pipeline**



Embanking and compacting Roads 2 & 3



Clearing, grubbing, and hauling spoils Southeast corner



Lime stabilizing Road 2



Installing 20" RW Pipeline



Backfilling and Compacting 20" RW Pipeline





Construction Progress – EWP 3 & 1 – Electrical

August 8, 2018

- **Clean up and completing preliminary punch-list items**
- **Installed Junction boxes on poles**
- **Pulled wire to light poles, and lights are powered**



Parking lot lights powered





Construction Progress – EWP 4 – Raw Water Corridor

August 8, 2018

- **Maintaining and drilling dewatering system**
- **Excavating shaft and installing shoring**
- **Driving H-Piles**
- **Cutting pipeline excavation**
- **Installing fence in East corridor, South side**
- **Installing 8” Aluminum Construction water line**



Cutting Pipeline Trench



Drilling and installing dewatering system



Installing 8" aluminum temp water line





Construction Progress – EWP 2 Filter Structure & TPS

August 8, 2018

- **Installing formwork for foundation slabs**
- **Tying rebar for foundation slab**
- **Installed manhole in TPS**
- **Excavating TPS pump cans**



Installing manhole in TPS



Tying rebar for base manifold slab



Tying rebar for base manifold slab



Pump cans excavation



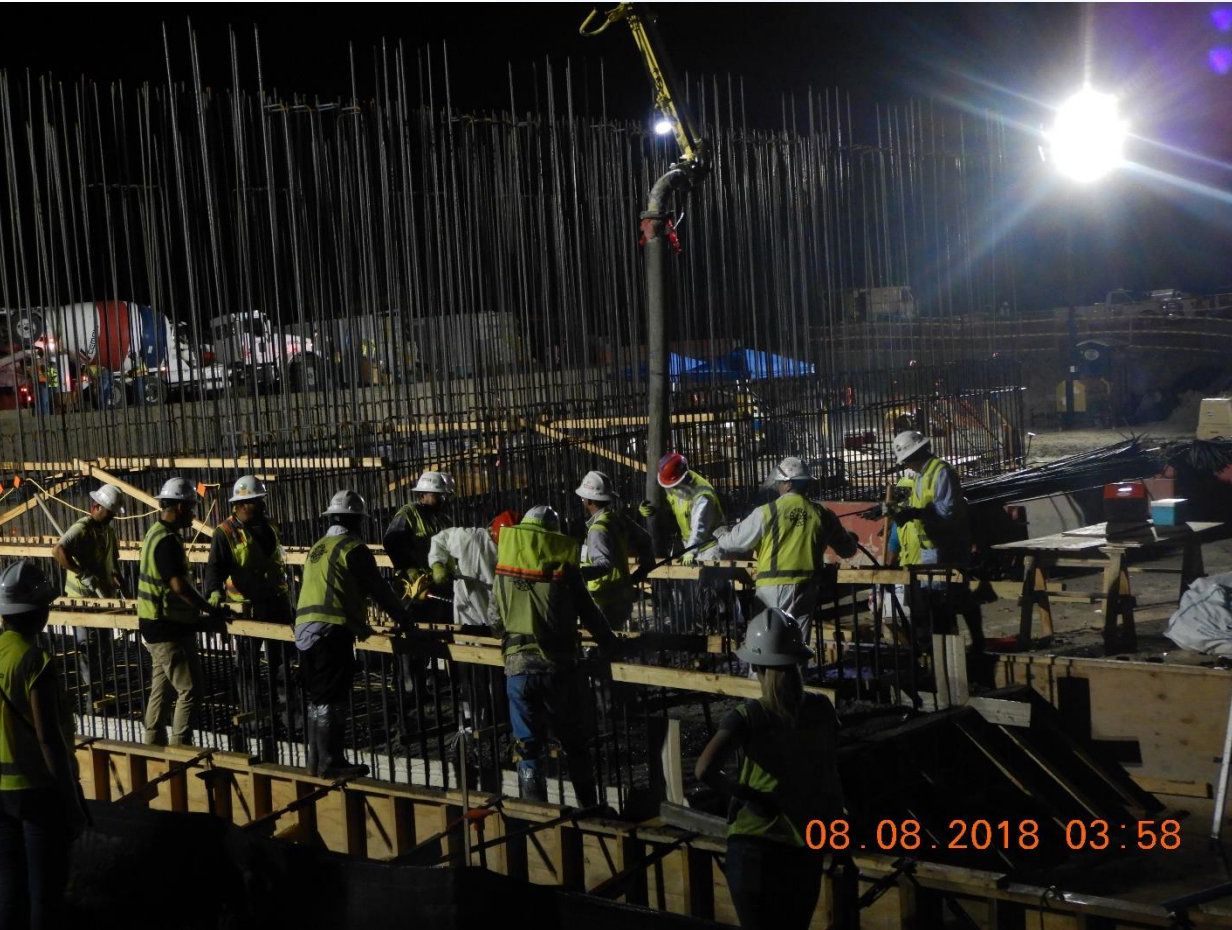
Installing secondary egress



Setting up pump truck for manifold slab pour



Poured manifold slab



Poured manifold slab



Poured manifold slab

