Dallas Water Utilities
East Side Water Treatment Plant Expansion
Dallas, Texas

When the Dallas Water Utilities East Side Treatment Plant decided to upgrade their facility to manage more water for their growing customer base, (currently 2.4 million and expected to reach 3.0 million by 2024), they were undertaking one of the largest plant project upgrades in the country. DN Tanks was responsible for construction of four (4) 16.0 million gallon prestressed concrete water storage tanks to provide a total capacity of 64 million gallons of treated drinking water, available at a moment’s notice. This was a challenging project, which took place in two phases over the course of four years.

Each tank was constructed in accordance with the AWWA D110 Standard and utilized a flat slab column supported roof system. DN Tanks successfully installed 368,000 square feet of void forms, 688 cast in place columns, 5.5 million lbs of rebar, and placed 2,400 cy of shotcrete, 43,000 cy of concrete, and 760 miles of prestressing wire. All four tanks were completed on time and within budget.