

Security Paving Co., Inc. Works Under the Lights in Burbank

1 September 2015 by Link-Belt Cranes

Security Paving Company, Inc. of Sylmar, California used their 80-ton (80-mt) RTC-8080 Series II to build an Austin Vault Sand Filter alongside Interstate 5 in Burbank, California. The vault is part of the water pollution control plan for California Department of Transportation.

Austin Vault Sand Filters are open air reinforced concrete vaults that utilize both sedimentation and sand filtration basins. The vault that Security Paving Company, Inc. constructed at Alameda Avenue measures 90 ft. (27.4 m) long by 30 ft. (9.1 m) wide and is 12 ft. (3.6 m) deep at its deepest location; the walls of the vault are 18 in. (45.72 cm) thick reinforced concrete.

Operator Bob Wolff worked on the sand filter for five weeks supplying rebar, gang forms, and pouring concrete, "You want to keep everything close so you can have a quick cycle time. You have to move the concrete quickly and when pouring, we want to go fast. The Link-Belt machine does that for us." In some cases, the operator and crew got started very early in the morning, starting as early as 4 am to avoid the middle of the day heat. To make working in the dark a little easier, the crew took advantage of two options available on RTC-8080 Series II, a 24 in. (60.9 cm) LED light bar running across the top of the operator's cab and a high intensity, remote controlled spotlight fixed to the bottom of the boom base section.

Added Wolff, "Link-Belt seems to build a stronger machine. The Link-Belt machines we have are really substantial, they really work well for our type of work, and we use them to their maximum. We use the entire chart. I know at some places, companies will only use 75 percent of the chart, but we go according to the California rules and use the cranes at capacity. They hold up real well, and they're strong and dependable. The RTC-8080 is a very good machine. I like it," Wolff concluded.