



# LOS ANGELES NFL STADIUM

INGLEWOOD, CA

## SDI Scope

*Post-Tensioning for Foundations and Roof Support Structure*

## Contractor

*Kiewit; Subcontractor to Turner/Hunt*

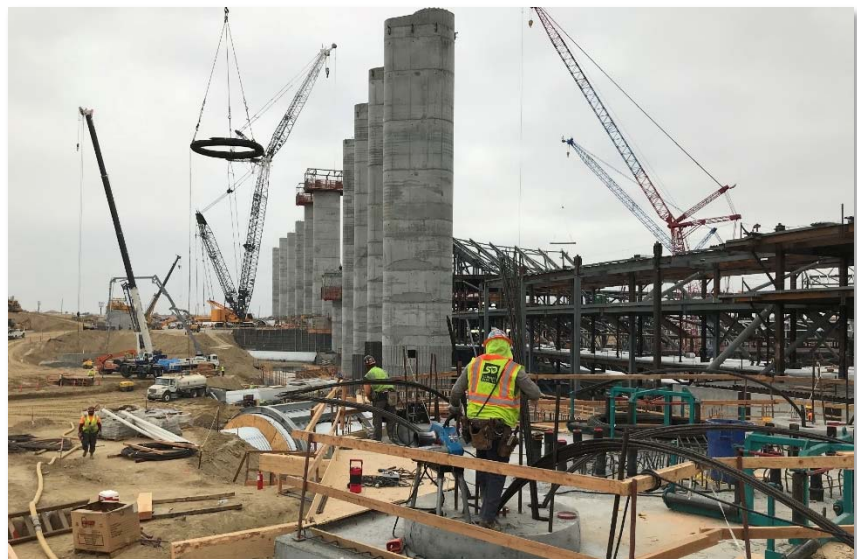
## Owner

*Hollywood Park Land Company, LLC*



## PROJECT DESCRIPTION

At the former site of the Hollywood Park Racetrack, the Los Angeles Stadium at Hollywood Park will serve as the new home for both the Los Angeles Rams and the Los Angeles Chargers. The stadium will hold over 70,000 fans and cost an estimated \$3 billion. Set to open for the 2020 season, Hollywood Park will host Super Bowl LVI in 2022. In order to accommodate the LAX flight path, the stadium is set lower than comparable projects; the field is 100 feet below grade, and the roof tops out modestly at 176 feet above grade.



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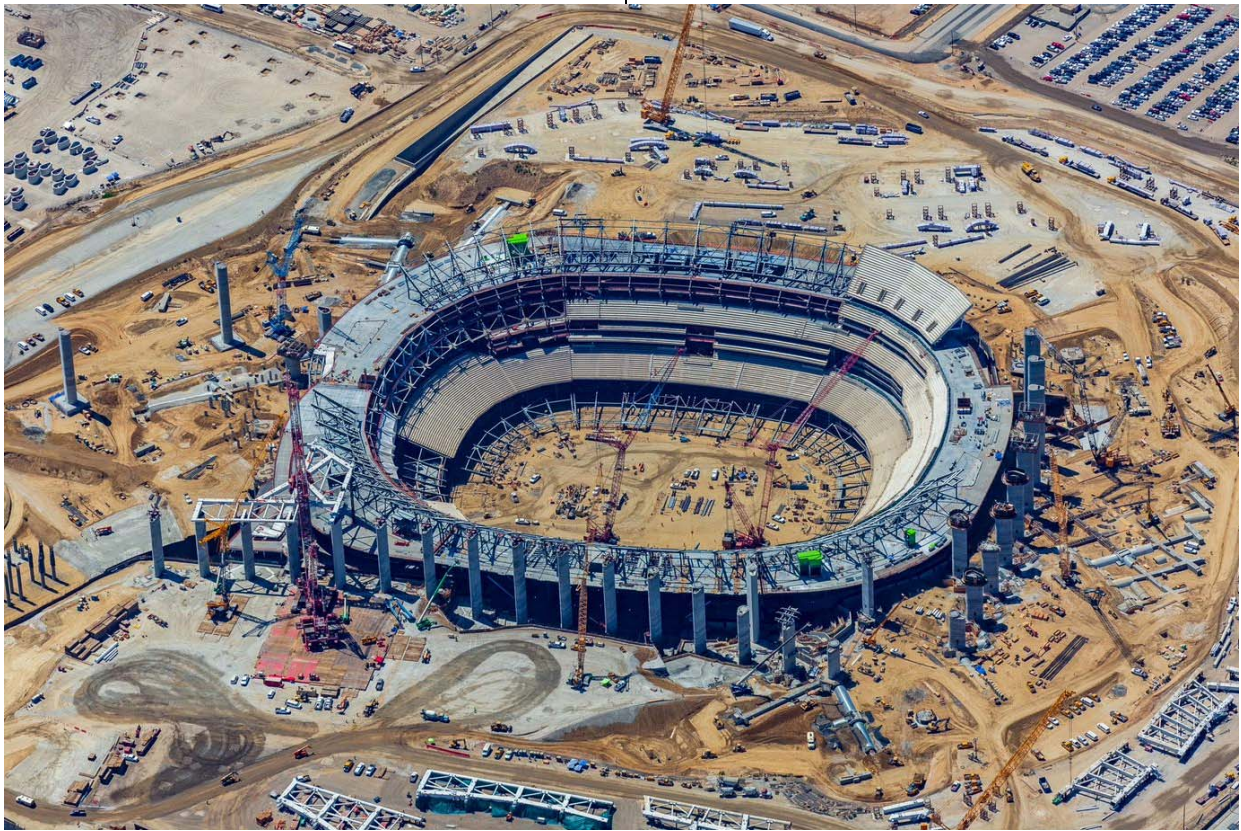
## SDI'S SCOPE OF WORK

SDI's scope of work includes installation, stressing, and grouting of loop tendons in the foundation columns (subgrade), horizontal tendons in the struts (subgrade), and vertical external tendons in the blade columns (above grade). Each above grade column has essentially 3 layers of post-tensioning to seismically support the state of the art roof structure:

1. 38 blade columns housing over 918 vertical, external tendons
2. 436 strut tendons (roughly 255 feet each)
3. 338 looped foundation column tendons (roughly 220 feet each)

## PROJECT HIGHLIGHTS AND FACTS

The scale and schedule make this project a great challenge, but a challenge welcomed by SDI's experienced team of engineers, project managers, and crews. SDI will be responsible for installing over 7.5 million feet of strand and over 3,200 anchorages for the new stadium. In addition, the artistic curves and bold architectural lines make geometry and access difficult, requiring extra attention, time, and skill to properly install. To meet the demanding critical path schedule, SDI will employ multiple crews around the clock and prefabricate the foundation column tendons at our facility to reduce installation time.



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