

PROJECT / HARBOR DRIVE PEDESTRIAN BRIDGE



With both the deck and pylon built using in cast-in-place concrete, work on both proceeded simultaneously. Specially designed steel forms, shown in this photo, were used to construct the pylon in five lifts.



The Harbor Drive Pedestrian Bridge is a self-anchored suspension bridge with a 355-ft-long concrete main span situated in downtown San Diego adjacent to Petco Park, home of the San Diego Padres.



The concrete deck was cast in place on falsework that had to be designed to allow for over 3 in. of lateral displacement during stressing of the cables.



The main cables extend to the base of the stairs and anchor in the abutments. The angle change from the deck to the stairs is accommodated by a steel deviator placed at the top of each stair span and embedded in the concrete bent cap.

