



PROJECTS - KIE-LOCK PILE SPLICES

FORMERLY SURE-LOCK

SOME MAJOR PROJECTS USING THE KIE-LOCK SPLICE:

- **Hawaii DOT**, Oahu – Keahi Interchange and H-3 Highway 1979-91, over 5000 splices 16 ½" octagonal and 20" sq. used in 3 segment 270 ft. and 5 segment 170 ft. piles (1981-84). *Second major project.*
- Hawaii DOT, Kauai – Pier 3, 600 – 20" octagonal splices for 200 ft., 2 segment piles.
- Naaru Tower, Honolulu – 800 – 16 ½" octagonal for high capacity 11 strand piles.
- Hawaii Convention Center – 16 ½" octagonal splices for tension piles.
- Syracuse NY, Sewage Treatment Plant – 10,000 – 14" sq. splices (1976-77). *First major project.*
- **City of San Francisco**, MUNI-Metro Turnback – 18" sq. high capacity splices.
- City of San Francisco, SFIA Expansion – Boarding Area G and Rental Car Garage, 14" sq. splices for high combined moment and tension seismic design loading.
- San Francisco, Mission Bay Project – 65 ft. 16" sq. top segments to 100 ft. 14" sq. bottoms, and 14" Sq. high capacity splices T=480 K, M=150 K.ft.
- Foster City, CA 350 – 16" sq. for water storage tank.
- San Rafael, CA 460 – 16" sq. for commercial office building.
- **Port of Oakland**, Container Pier 57/58 – 24" octagonal splices.
- New Chesapeake Bay Bridge – 14" sq. splices for batter piles.
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- **Florida DOT**, Flagler Beach Bridge: 550 – 18" sq. splices (1994).
- Florida DOT, I-4, SR39, & SR540 – 18" & 30" sq. splices.
- **Florida DOT & OCEA** – numerous bridge and overpass projects – 18" and 24" Sq. splices.
- City of Tallahassee, Blairstone – 24" sq. splices.
- City of Sanabel, FL, Sanabel Bridges 900 – 30" sq. splices.
- Orlando Airport – 24" sq. splices for Cross-Field Taxiway Bridges.
- **Port Authority, Port Arthur, TX**: 140 – 16" sq. splices for new wharf.
- Houston, TX, 300 – 18" sq. splices for LNG tanks.
- Boundary Health Center, Winnipeg, Canada: 500 – 16" oct. splices.
- **MassDOT (CA/T)**, S. Boston Bypass Road: 300 – 14" sq. splices.
- MassDOT (CA/T), Logan Airport Ramps/Viaducts: 650 – 16" sq. splices.
- MassDOT (CA/T), CO9A4, CO7D2 350 – 16" & 60 – 12" splices.
- **MBTA**, Boston, South Station: 75 – 14" sq. splices.
- **Mass Port Authority**, Logan West Parking Garage: 150 – 14" sq. splices.
- Mass Port Authority, Logan Airport Roadways: 260 – 16" sq. splices.
- Mass Port Authority, Logan Terminal A: 200 – 14" sq. splices (2002)
- Logan Airport Hilton Hotel, Boston: 575 – 14" sq. splices.
- Constitution Square, Boston: 12" sq. for 8 strand piles.
- Biosquare II, & Stilling St. Garages, Boston: 470 – 14" sq. splices.
- **LA DOTD** – 16", 24" and 30" splices for highway LA 1.
- US Navy Wharfs, Diego Gracia, Pearl Harbor, 20" & 24" sq. and oct. Piles.
- Caltrans, I-238, 14" Batter Piles.
- **FDOT** - Max Brewer Bridge Replacement -- 36" Sq. High Capacity Pile Splices (2009)

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