



- **Project:** New \$32 million, 236 foot tall air traffic control tower and administrative building needed a retaining wall to control erosion and protect bordering wetland.
- **Solution:** Truline was selected because it provided an extended life, maintenance free wall that was also high strength. Plans to bury large holding tanks behind the wall to capture and use rainwater restricted the use of anchors to a single row at the top of the wall. Truline filled with reinforced concrete provided both the strength they needed without mid-walers, and the extended life benefits they required as well.
- **Cost Savings:** Due to the Truline design, no wales were required and it greatly reduced the number of anchors specified. The 630 LF wall was set in place 3 sheets at a time (prior to cap and anchors) within 7 business days — averaging 90 LF installed per day.

- **Location:** Oakland International Airport, CA
- **Owner:** Federal Aviation Admin.
- **Engineers:** Williams Simpson & Assoc., Devcon Construction, Inc., Federal Aviation Admin.
- **Contractors:** Devcon Construction, Inc. (gen.), Foundation Constructors, Inc. (installation)

Length of wall: 630 LF (800 series)

Length of sheet piles: 16 ft.