



T1 Tower Anchor Rods

T1 Pile Installation (2006)



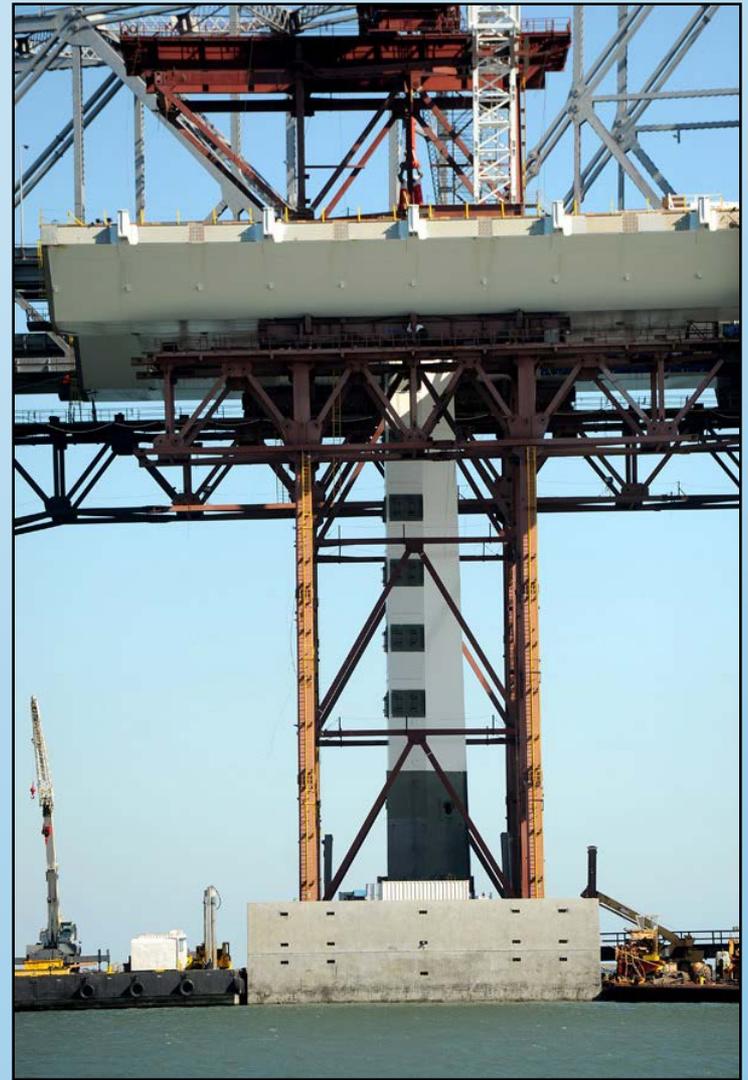
T1 Footing Box (2007)



Concrete Filled Footing Box (2008)



Tower Installation (2010)



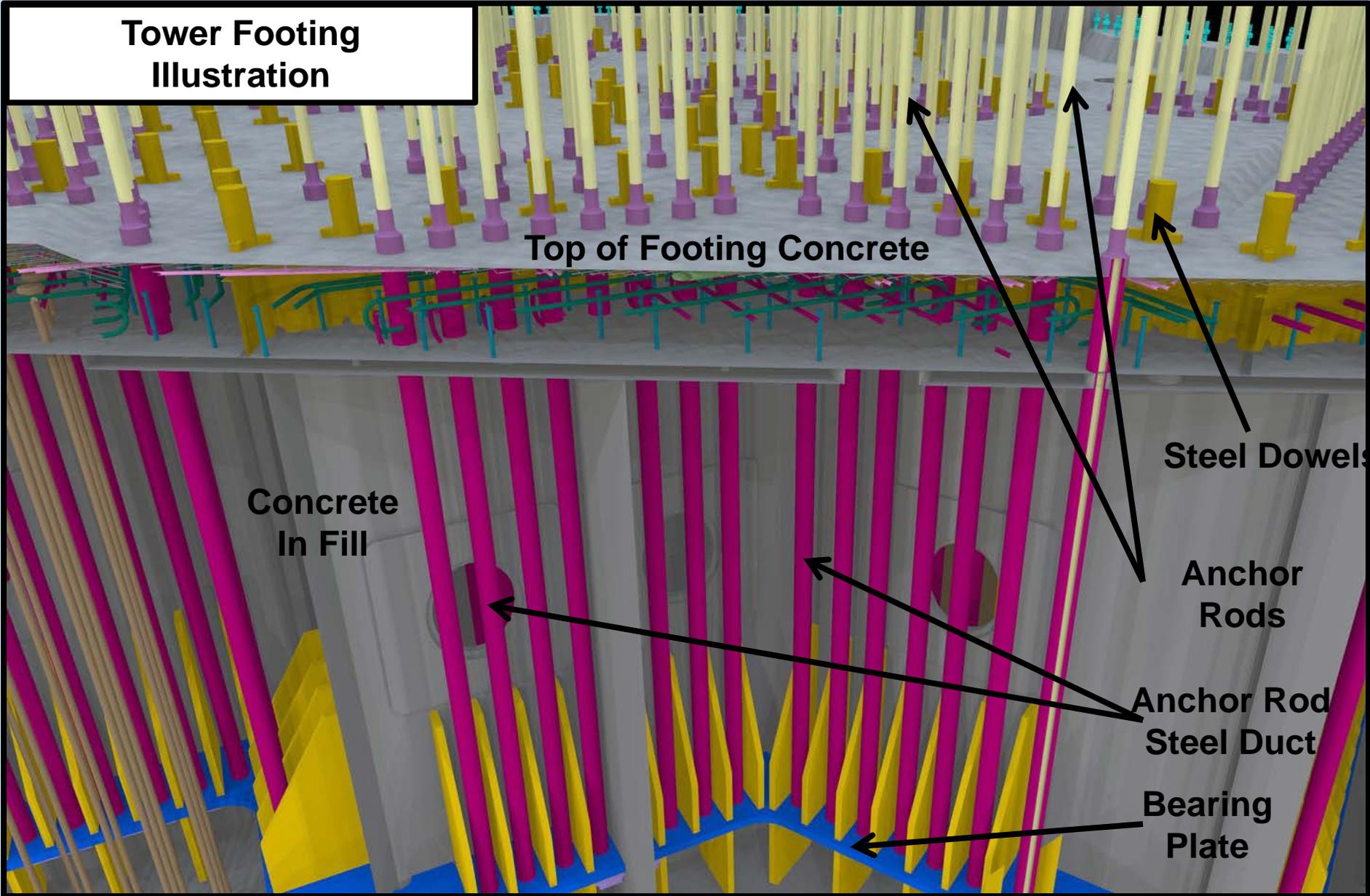
Tower Fit Up (2010)



Rod Tensioning (2010 - 2013)



Tower Footing Illustration



Top of Footing Concrete

Steel Dowels

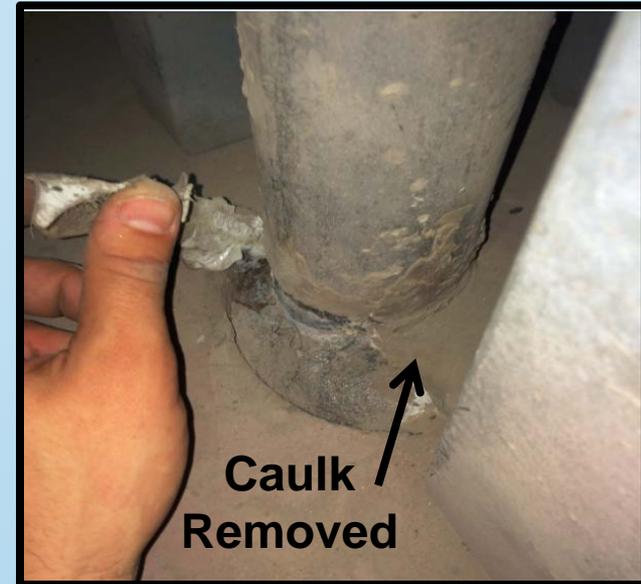
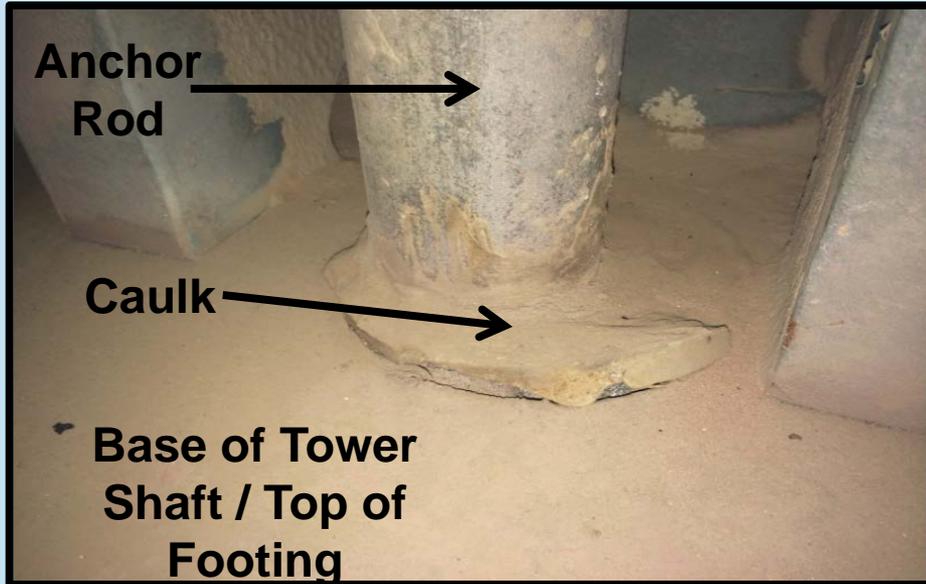
Anchor Rods

Anchor Rod Steel Duct

Bearing Plate

Concrete In Fill

Recent Investigation



T1 Anchor Rod Investigation

- Caulking remove around all rods.
- Moisture discovered in 95% of locations.
- Rods were greased and wrapped as per plan.
- Some rods were not fully grouted.
- Reports of some flooding due to rain during construction.
- Dehumidification is on.
- On going investigations
 - Boroscope of holes
 - Testing of water
- Water has not reappeared in dewatered holes.
- Lower tension levels in these rods rules out stress corrosion cracking in future.