

# CEE 8462: Design of Bridge Substructures

Addresses AASHTO LRFD Bridge specifications as it applies to substructure design of steel, concrete, and timber bridges; mechanically stabilized abutments, open abutments, column and solid wall piers; structural design of spread footing and pile supported foundations; introduction to inspection, repair, and load rating for substructure elements.

**Credits:** 3.0