

Bridge Design Memorandum

To: Bridge Design
From: NJA/sww
Date: 2/21/2012
Re: Column Heights & Reinforcing

As per NJA and JMW, in situations where column heights will be 10 ft. or less, extend the drilled shaft to the bottom of the cap and the shaft reinforcing into the cap. Columns of 10 ft. or less have lap splices consuming over half of the column height. It is more economical and easier on the contractor to extend the drilled shaft and reinforcing. In these situations, seismic considerations will need to be addressed on a case by case basis.