

Revision Log for Liquefaction Evaluation

Implementation Date: January 2020

- Updated the design ground motion parameters (PGA and M) based on Appendix B of the SDC V2.0 with October 2019 Interim Revisions.
- Updated the criteria for preliminary screening evaluation.
- Added Boulanger and Idriss (2006) for evaluating liquefaction susceptibility of fine-grained soils with low plasticity. Removed Bray and Sancio (2006).
- Highlighted the benefits of and the need for using CPT more often.
- Updated the general steps for quantitative liquefaction analysis as per Youd et al (2001) using SPT and/or CPT.
- Updated modifications or elaborations to Youd et al (2001) procedure.
- Added an example quantitative liquefaction analysis using CPT.
- Updated the reference list.
- Other minor revisions to the text.

Implementation Date: December 2014

- First Version