

Revision Log for CIDH Concrete Piles

Implementation Date: July 2024

- Revised Terminology section for Driven Steel Shell, CMP, and casings
- Design Section: added *CIDH Concrete Pile Design Material Types* table
- Tip Resistance Considerations section: Added table
- New Section: *CIDH Concrete Pile and Rock Socket Measurement Considerations*
- New Section: *CIDH Concrete Pile with Tension Demands*
- Added requirement to place note below pile data table to address settlement calculation.

Implementation Date: December 2021

- Updated the “Design Process (FR)” section to be consistent with the “Design Process (FR)” section of the Driven Pile Foundation Module

Implementation Date: March 2021

- Added terminology section that was formally placed in the *Foundation Reports for Bridges* module.
- Added “CIDH Concrete Pile Design Considerations” section, which presents design and selection information that was formally placed in the *Foundation Reports for Bridges* module.
- Added “Side Resistance Considerations” section.
- Added “Tip Resistance Considerations” section.
- Separated the design guidance into separate sections as follows:
 - Design Information and Communication (PFR)
 - Design Process (PFR)
 - Design Information and Communication (FR)
 - Design Process (FR)
- Added process for design data documentation and anomaly evaluation that was formally placed in the *Design Data Documentation and Evaluation of Anomalous CIDH Pile* module, which was removed from the Geotechnical Manual. Deleted the “Design Information Form” (DIF) as the OGD-QMP now includes a Project Records Management System.
- Updated references
- Added three example calculations
 - Appendix A: Example Design Calculations for Cohesionless IGM
 - Appendix B: Example Design Calculations for Rock
 - Appendix C: Example Calculations for Anomaly Evaluation Process

Implementation Date: July 2017

- First Version