

Memorandum

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To: DES DEPUTIES
Division of Engineering Services

Date: March 15, 2012

From: BARTON NEWTON
Deputy Division Chief
Structure Policy and Innovation
Division of Engineering Services



Subject: **Update Memo to Designers (MTD) 3-7**, Design Data Documentation and Evaluation of Anomalous Concrete Shafts, and Attachments.

Effective April 16, 2012 evaluation of anomalous cast-in-drilled-hole (CIDH) piles and drilled shafts will be performed considering the above mentioned update to Memo to Designers. The Memo has been revised to improve formality of the evaluation process and to better clarify geotechnical and corrosion evaluations.

The revised Memo focuses on changes to the Pile Design Data Form (PDDF). The Construction Engineer (Structure Representative) now concludes the evaluation process by completing a new Part 5. Information regarding location of the bridge and the tested shafts has also been added, and minor changes have been made in Parts 2 (Geotechnical) and 4 (Corrosion) of the form for clarification. Minor revisions have also been made to the Memo for consistency to current Construction Specifications.

Foundation Testing Branch of Geotechnical Services initiates the evaluation process and must use the revised PDDF for all CIDH piles and drilled shafts tested after April 16, 2012. Structure Construction concludes the process by filling out Part 5.

These documents have been posted on the Technical Publications website (<http://www.dot.ca.gov/hq/esc/techpubs/>). Questions regarding the technical content of this Memo should be directed to Amir Malek at (916) 227-5981 or amir_malek@dot.ca.gov.

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