



Montana Department of Transportation
PO Box 201001
Helena, MT 59620-1001

Memorandum

To: Susan C. Sillick
Supervisor Research Section

From: Kent M. Barnes, P.E.
Bridge Engineer

Date: March 11, 2005

Subject: Pile Cap Research Project
Implementation Plan

The recently completed research conducted by Montana State University into the strength of pile-to-cap connections will be implemented immediately. Initial implementation will be through bridge design crew chiefs. Crew chiefs will review their projects to determine which bridges would benefit from this new design procedure. Very little training is required for engineering staff to understand and use the new procedure. The additional training can be accomplished informally as needed. Initially the new technique will be dynamic in nature and will evolve as we gain experience with it.

The new Bridge Design Manual will include information on the theory and practice of using the new procedure.

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