

Bridges and Structures

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All Employees

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Bridges and Structures

MM No. 54 (Drilled Shaft Guidelines)

1. Use Publication No. FHWA-IF-99-025 (Drilled Shafts: Construction Procedures and Design Methods) as a design guide.
2. If any of the guidelines contained in the above document conflict with AASHTO Standard Specifications, consult with Office of Bridges & Structures.
3. Drilled shafts shall be seated in bedrock and contribution from end bearing may be included in the design with the following conditions:
  - a. The estimated settlement should not exceed 0.25 inches under Service Load.
  - b. The estimated settlement should not exceed 1.00 inches under Ultimate Load.
  - c. If the limitations set by "a" or "b" are exceeded, the needed bearing may be obtained by side friction from additional depth into bedrock.

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