

From: [Debra M. Butchart](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 24-022) ASTM A252 Modified Grade 3 Weldable Material Requirements
Date: Monday, December 2, 2024 3:28:32 PM

The [EPG](#), [Bridge Standard Drawings](#), and [Missouri Standard Specifications](#) have been updated as described below:

Implementation Statement: Effective immediately for all plans not yet submitted to Design.

(The Implementation Statement is a recommendation by the Development Section. The SPM is responsible for the level of implementation for any particular job.)

Revision Date	Items Revised	Description of Change
Dec. 2024	EPG: 751.50 ; 702.1.1 ; 751.3 ; 751.36 ; 751.39	Welded or seamless steel shell (pipe) shall be ASTM A252 Modified Grade 3 (fy = 50,000 psi) for closed ended and open-ended CIP pile. A572 grade 50 source material is required to allow prequalified weld procedure specifications to be used. Drivability analysis shall be performed for all CIP piles (unfilled pipe) using Delmag D19-42 only. The Delmag D30-23 requirement was removed in a previous update for HP piles, but was missed for CIP piles.
	Bridge Standard Drawings: PILE01; PILE02	
	MicroStation Cells: NA	
	Std. Specifications: 702	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

Follow links above for more information, or to view more details about this (or any) revision, use the [Revision Index Database](#), located under Completed Revisions on Development’s Sharepoint page.

Instructions:

Under Tables (left-hand side) double-click on RevisionRecords.

Click on the link under the Effective Date to access documentation for the completed revision.

Debra (Debbie) Butchart
 (formerly Debra Beckwith)
 Structural Specialist
 Development Section
 Bridge Division
 MoDOT- 105 West Capitol Ave
 573-522-8718