From: Debra M. Beckwith
To: BR
Subject: Bridge Advertisement (DSI 20-041) CIP Pile Axial Load Limits & Wall Thickness
Date: Wednesday, October 21, 2020 10:14:11 AM

The EPG and Bridge Standard Drawings have been updated as described below:

Implementation Statement:

Revision Date	Items Revised	Description of Change
Oct. 2020	EPG: 751.36 & 751.50 Bridge Standard Drawings: PILE01 & PILE02 MicroStation Cells: NA Std. Specifications: NA Standard Plans: NA Bridge Special Provisions: NA	1. For friction piles predominantly embedded and tipped in cohesionless soils, the minimum nominal axial compressive resistance is limited to the values shown in 751.36.5.10. The limiting values are comparable to the design bearing values used in the past for ASD design. Limits are deemed necessary as multiple jobs have found issues in meeting larger MNACR values in sands using PDA testing, often resulting in redesign or other costly measures. 2. For CIP pile, ½" minimum nominal wall thickness is the new standard and designer needs to specify required wall thickness on the plan details. The new minimum should help to alleviate driving and resupply concerns. Updated PILE01 and PILE02 standard drawings. 3. Updated EPG 751.50 notes to clarify hooks of vertical bar requirements for column and CIP piles.

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