From: <u>Debra M. Butchart</u>

To: BR

Subject: Bridge Advertisement (DSI 25-015) Temporary MSE Wall Systems

Date: Wednesday, July 9, 2025 1:58:58 PM

The <u>Bridge Special Provisions</u> have been updated as described below:

Implementation Statement: Effective immediately for projects 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 |
|---------------|----------------------|--|
| July 2025 | EPG: | While reviewing shop drawings for recent temporary |
| | NA | MSE walls some issues were identified and best |
| | Bridge Standard | practices need to be clarified. To avoid confusion and |
| | Drawings: | simplify future temporary MSE wall reviews the BSP is |
| | NA | updated and highlighted as follows: |
| | MicroStation Cells: | Improved foundation and unimproved |
| | NA | foundation requirements shall match the |
| | Std. Specifications: | requirements shown in the foundation |
| | NA | investigation report. |
| | Standard Plans: | Strength and class of geotextile fabric for |
| | NA | temporary MSE walls shall be the same as for |
| | Bridge Special | the permanent wall. |
| | Provisions: | Non-metallic soil reinforcement shall be folded |
| | <u>720-02</u> | near top of wire facing and embedded at least |
| | | 4 feet in the select granular material. |
| | | Wire facing AASHTO material spec changed |
| | | from AASHTO M 32 to M 336. |
| | | Clarified the vertical spacing between non- |
| | | metallic soil reinforcement shall be limited to a |
| | | maximum of 18 inches. |
| | | Retention geotextile fabric wrap shall be |
| | | embedded at least 12 inches into the select |
| | | granular material at top and bottom of each |
| | | wire face unit. |
| | | Geotextile fabric shall be extended a minimum |
| | | of 12 inches past corner of MSE wall and |
| | | temporary MSE wall. |

Follow links above for more information (internal only).

Debra (Debbie) Butchart (formerly Debra Beckwith)

Structural Specialist Development Section Bridge Division MoDOT- 105 West Capitol Ave 573-522-8718