Quality of Temporary Concrete Barrier

This advisory is a reminder to verify the quality of temporary concrete barrier used on projects.

MDOT's 2003 Standard Specifications for Construction, Section 812.03.F.8 states, "Provide barriers that are clean and in sound structural condition at the time of placement". It further states, “After linking the sections together, pull barrier sections to fully engage the connection between sections. The gap between barrier sections with the end-attachments fully engaged must not exceed 4 inches.”

Section 922.03.E states, "Temporary concrete barrier sections which have been structurally damaged during handling, or by traffic, will not be permitted on the project and must be replaced by the Contractor. Nonstructural damage that affects the intended performance of the barrier must be patched with approved concrete or mortar mix when directed by the Engineer."

In addition, Standard Plan R-52 gives dimensions of the temporary concrete barrier with a few tolerances.

Please share this information with consultants and local agencies in your area.