Temporary Structure Sta. XXX+XX.XX

*Replace 526.3.2 with the following:*

Provide plans and design calculations, signed and sealed by a professional engineer registered in the state of Wisconsin, for all temporary structures. Submit one copy of the plans and design calculations to the engineer, for review and acceptance by the Bureau of Structures, 15 days prior to ordering materials or starting construction.

For temporary structures over water, ensure that the temporary structure spans the stream and has dimensions sufficient to not constrict stream flow. Ensure that the structure has a low superstructure elevation and an open waterway area no less than the contract plans specify. Provide vertical abutments designed to prevent spilling fill material into the stream. If building a temporary crossing over a stream or lake subject to boating use, construct it to provide horizontal and vertical clearance, as the jurisdictional agency may require, adequate for row boats and small power boats.

For grade crossing temporary structures, ensure that the temporary structure spans the underpass roadway, underpass railroad, and/or underpass pedestrian facility as shown on the contract plans; and has sufficient lateral clear width meeting clear zone requirements per FDM 11-15-1.13. If clear zone requirements cannot be maintained, structure protection may be required. Ensure that the structure has a low superstructure elevation no less than the existing, adjacent bridges or as shown on the plans.

Ensure the temporary structure has a minimum roadway width as measured between the faces of the concrete barriers and at right angles to the centerline, and a minimum overall width, as shown on the plans. Show the minimum bridge length between faces of abutment support on the temporary structure plans.

Open metal grate or wood will not be allowed as the finished driving surface on the structure.

Design, construct, and maintain temporary structures conforming to AASHTO LRFD Bridge Construction Specifications, Article 3.6.

Design and construct temporary structures to avoid conflicts with underground and overhead utilities within the project area. Refer to the plans and the utilities article of the special provisions for information on utility locations within the project area.

*Add the following to 526.5:*

All temporary shoring and other secondary structure items required to construct the temporary bridge structure are to be included as a part of this bid item.