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February 21, 2025

Gary M. Dinmore, P.E.
Precastel
542 Spring Hill Road
Skillman, NJ 08558

RE: Professional Opinion on StayPanel™ System for MASH Compliance (TTI Project 690900-PCS1)

Dear Mr. Dinmore:

Texas A&M Transportation Institute (TTI) has completed a review of the StayPanel™ System for MASH Compliance. TTI has received detailed drawings of the Precastel StayPanel™ System entitled "Typical Deck and Barrier Details for SIPFF" and dated September 16, 2024. We understand that the StayPanel™ System is used to provide formwork for MASH approved solid concrete barriers of all types. The StayPanel™ System attaches to the exterior girders of bridges and extends out to provide formwork for the deck cantilever and the field side edges of the deck and barrier system. This panel stays in place and is not removed after the cantilever and the barrier are constructed. We understand that no part of the StayPanel™ system is left in place such that the crash tested geometry of the barrier system is altered/affected in any way by the StayPanel™ System. For additional information, please refer to the details of the StayPanel™ System shown in Figure 1 below.

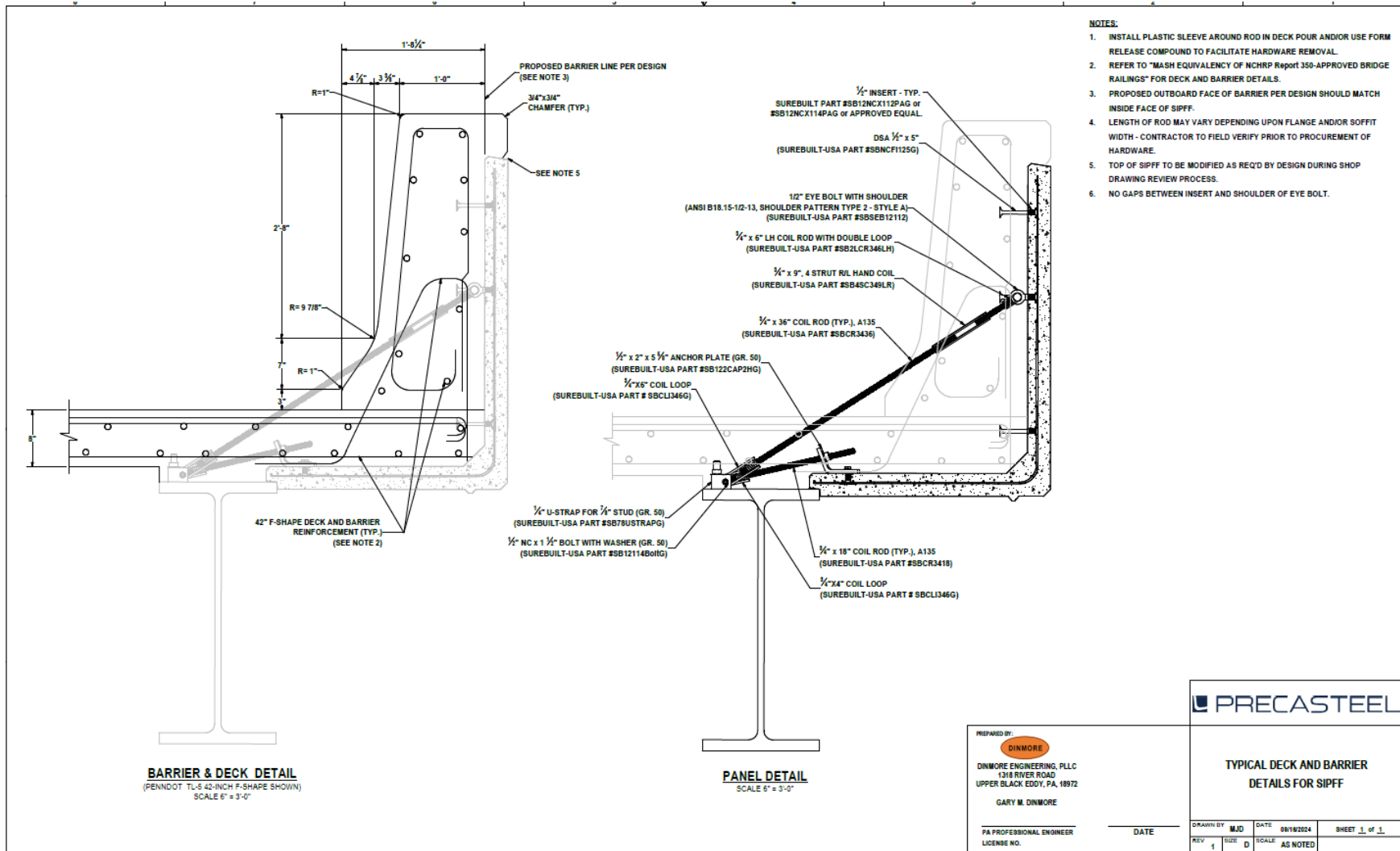


Figure 1 – StayPanel™ System Details for MASH Compliant Barriers

Summary of Review

Based on our review, the StayPanel™ System as shown in Figure 1, when used in conjunction with a MASH compliant solid concrete barrier, The StayPanel™ System meets the requirements of MASH. The StayPanel™ System with the MASH compliant solid concrete barrier, is MASH compliant to the same test level as the barrier.

We hope this information meets your needs. If you have any questions or need further information, please do not hesitate to contact me at 979-317-2707 or via email at w-williams@tti.tamu.edu.

Sincerely,



William Williams, P.E.
Associate Research Engineer

cc:
Contract file
Bill Griffith