GENERAL NOTES:

Provide: fast steel bridge drain frame and grate as detailed herein conforming to Item 445 "Frames, Grates, Rings, and Covers" and ASTM A37 Grade 65-35.

Provide stainless steel ASTM F1539 for head bolts with one stainless steel lock washer, with the manufacturer's recommendations for filet and round reinforcing bars, as directed by the Engineer.

Pipe and bridge slab configurations must be permitted without prior approval from the Engineer.

Deviations from Bridge Drain Details contained herein will not be permitted without prior approval from the Engineer.

This sheet is intended for use as a guide for fabricating and installing bridge deck drains in prestressed concrete beams and simply supported steel beam bridge decks. The sizes of this drain make it suitable for use in negative moment regions of continuous spans where slab bending stresses are high. Appropriate details and notes should be prepared for the specific application based on the information provided herein. This sheet may not be used without modification. The details shown here may need to be amended and/or expanded if the exact conditions are not covered in the Bridge Drain Details contained on this sheet. Periodic reviews of the construction drawings will be the responsibility of the Engineer, and the sheet sealed and signed by a licensed professional engineer.

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