INLET - TYPE 2

GRATE STYLE "L"
(Min Waterway Area - 1.9 Sq Ft)

GRATE STYLE "V"
(Min Waterway Area - 2.4 Sq Ft)

GRATE STYLE "D"
(Min Waterway Area - 1.6 Sq Ft)

Notes:
1. Drainage structure castings shall be manufactured in accordance with AASHTO M98. Metal used in the manufacture of castings shall conform to AASHTO M105 Class 35B.
2. Other castings, similar in dimension, may be used if the casting conditions to the main spread and the grate style are approved in this specification. If modifications to the grate style are required to accommodate and drain all the available piping, the contractor shall inform the engineer.
3. Precast risers shall be manufactured in accordance with ASTM C858. The contractor shall have the option of using precast or poured-in-place castings. Pre-cast concrete shall be Class AC-2.
4. Other castings, similar in dimension, may be used if the casting conforms to the riser section and has the grate style as specified. Continuous No. 4 rebar thru both castings (Min. length 36")
5. Class C-3. Pre-cast concrete shall be manufactured in accordance with section 722 of the Standard Specifications.
6. Drainage structure castings shall conform to AASHTO M55 class 35B.
7. The reinforced concrete slabs shall conform to AASHTO M105 Class 35B.

This document was originally issued and sealed by Terrence R. Ueland. This original document is stored at the North Dakota Department of Transportation.