Precast polymer concrete drain sections are available in non-sloped uniform depth sections 4" to 12" or in 6" percent pre-sloped sections with graduated depths from 4" to 12". See Project Plans for trench sections to be installed.

Nominal dimensions shown. Allowable tolerance ± 2%.

For GMP inlet connection, seal field joint with a pliable mixture of sand, portland cement and emulsified asphalt (mixture of 1 part portland cement, 3-5 parts sand and 1 part SSI emulsified asphalt). See Notes 6, 7 and 8.

Grate patterns may vary from detail shown. See Special Provisions.

Discharge capacity (cfs) at point A must be equivalent to maximum channel discharge capacity of grated line drain at point B.

5. Minimum gap between adjacent gratings.
6. Contractor to field verify minimum depth to avoid conflict with inlet top.
8. Maximum gap between adjacent gratings.
9. Discharge capacity (cfs) at point A must be equivalent to maximum channel discharge capacity of grated line drain at point B.