**GENERAL NOTES**

1. Spacing shall be 1 3/4" c. to c. min. and 2 3/8" c. to c. max.

2. The dimensions of the angle iron frame shall be as shown except that the A dimension may vary according to type of grating used.

**ALTERNATE STEEL GRATING**

(To be used with steel frame type 12A)

**STEEL GRATING AND FRAME**

**TYPE 12A**

**GRATE AND FRAME CASTING**

**ALTERNATE TYPE 12A**

**SECTION F-F**

**SECTION E-E**

**INFORMATION**

**INDIANA DEPARTMENT OF TRANSPORTATION**

**STEEL GRATING TYPE 12A**

**FRAME AND GRATE**

**SEPTEMBER 2008**

**STANDARD DRAWING NO. E 720-10A-12**

**STATE OF INDIANA**

**DESIGNER**

**CONTRACTOR**

**SIGNED**

**DATE**