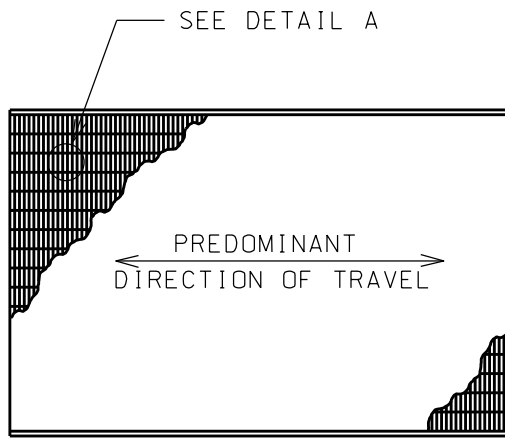
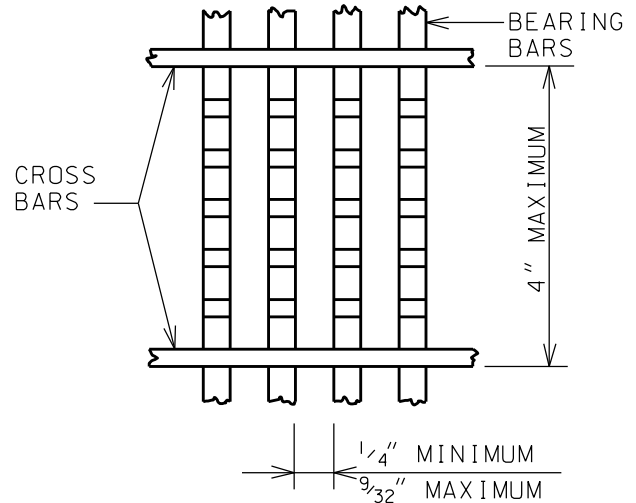
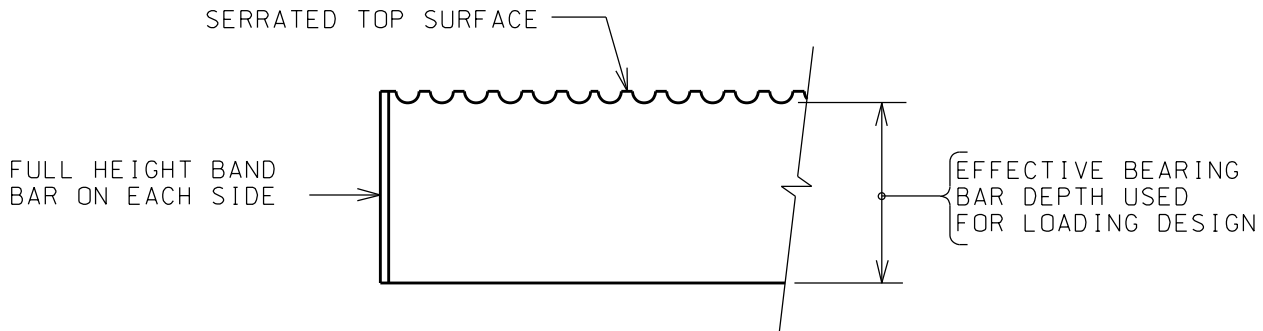




GRATING PLAN



DETAIL A



BEARING BAR ELEVATION

NOTES:

1. STEEL BARS FOR THE GRATING SHALL CONFORM TO ASTM A-569. THE GRATING MUST BE OF A CLOSE-MESHED PRESSURE LOCKED CONSTRUCTION. THE GRATING MUST BE DESIGNED TO CARRY THE STANDARD H-20 HIGHWAY LOADING PLUS 30% IMPACT.
2. BEARING BARS SHALL BE SERRATED BARS AND SHALL BE SPACED WITH $\frac{1}{4}$ " MINIMUM TO $\frac{9}{32}$ " MAXIMUM CLEAR SPACE BETWEEN BARS. CROSS BARS SHALL BE SPACED AT NO GREATER THAN 4" ON CENTERS.
3. GRATING SHALL BE ALIGNED IN SIDEWALK AREAS SO THAT THE DIRECTION OF THE ELONGATED OPENINGS ARE PERPENDICULAR TO THE PREDOMINANT DIRECTION OF PEDESTRIAN TRAVEL.
4. GRATING AND FRAME MUST BE HOT DIPPED GALVANIZED AFTER FABRICATION.

CITY OF ROCHESTER

SIDEWALK GRATE

ISSUED 11-5-96

REVISED

**NON-STANDARD
DWG.NO.S594-1**