design data

plan in accordance with aashto-lftd bridge design and interim specifications

structural steel: fy = 36,300 psi

notes
1. this grate is primarily intended for use adjacent to concrete barrier on
    paved shoulders. place grate perpendicular to the flow line.
2. rotate or enlarge catch basin to accept grate and frame.
3. hot-dip galvanized grate and frame after fabrication in accordance with
    aashto m 111 (astm a 123).
4. grate and frame to be fully assembled and bolted together upon delivery.
5. use structural carbon steel, conforming to aashto m 270, grade 36 (astm
    a 709 grade 36) for structural steel, grating.