



1. DESIGN CRITERIA: ACI 318-02, AASHTO "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 17TH EDITION"
2. DESIGN LIVE LOAD IS AASHTO HS20-44 TRUCK LOADING.
3. PORTLAND CEMENT SHALL CONFORM TO A.S.T.M. C-150, TYPE V AGGREGATE SHALL CONFORM TO A.S.T.M. C-33.
4. ALL STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4500 PSI AT 28 DAYS.
5. ALL REINFORCEMENT STEEL SHALL BE ASTM DESIGNATION A615 GRADE 60.
6. COVERAGE FOR REINFORCING BARS, EXCEPT WHERE OTHERWISE SHOWN, SHALL BE: 3" FOR CONCRETE PLACED AGAINST EARTH; 2" FOR OTHERS.
7. USE 3/4" CHAMFER ON ALL EXPOSED CORNERS.
8. ALL REINFORCING BAR LAP SPLICES SHALL CONFORM TO ACI 318-05.
9. TRANSVERSE JOINTS IN WALLS AND SLABS TO BE LOCATED IN THE SAME PLANE, NO STAGGERING OF JOINTS WILL BE PERMITTED.
10. PROVIDE ACI 318 STANDARD HOOK LENGTHS ON ALL UNLABELED 90 DEGREE BAR BENDS.

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