Index 21250 Series Access Hatch Assembly

Design Criteria

AASHTO LRFD Bridge Design Specifications, 6th Edition; ***Structures Design Guidelines (SDG)***; ***Structures Detailing Manual (SDM)***

Design Assumptions and Limitations

The Access Hatch Assembly series includes Index 21250 for use with steel box sections and Index 21251 for use with concrete box sections.

Use Index 21250 in accordance with the requirements of ***SDG*** 5.6 for steel box sections and Index 21251 in accordance with the requirements of the ***SDG*** 4.6 for concrete box sections.

The Designer shall analyze access opening sizes and their locations along the bottom flange for structural effects on the girder.

Plan Content Requirements

Locate Access Hatch Assembly locations on framing plans or segment layout sheets and include a cross reference to ***Design Standards*** Index 21250 or 21251 as appropriate.

Payment

The cost of Access Hatch Assemblies is incidental to the cost of the box girders they are used with. No separate payment is made.