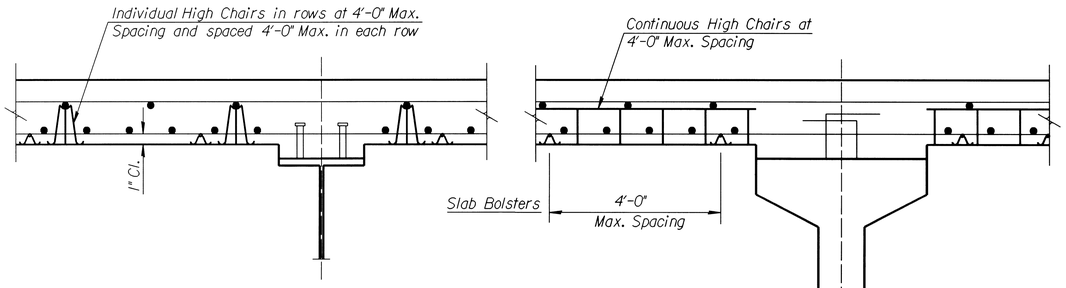
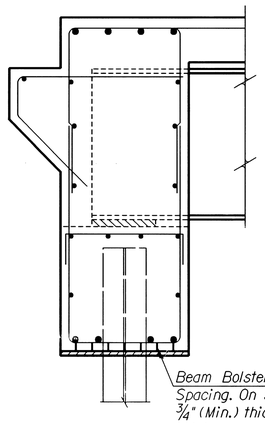


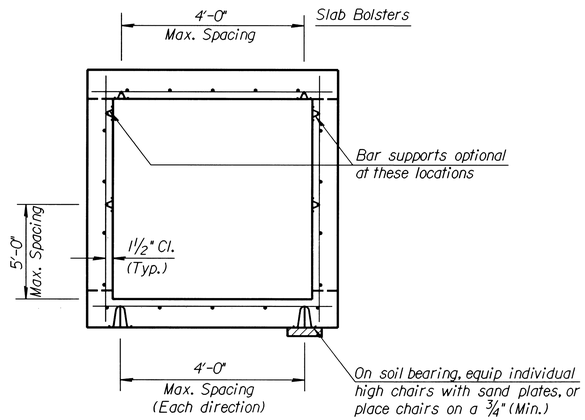

CONTINUOUS HAUNCHED SLAB



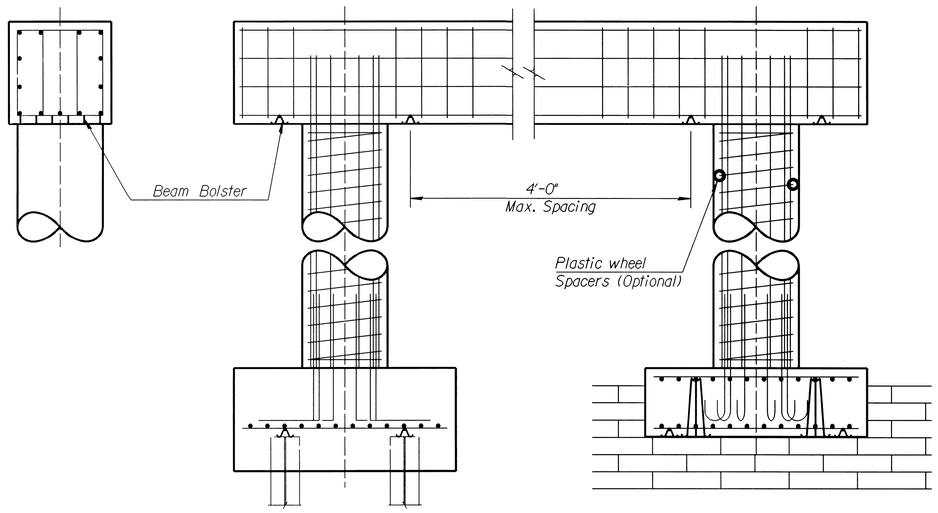

DECK GIRDERS



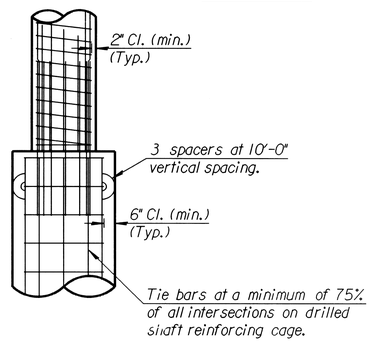

ABUTMENT




BOX CULVERT




PIER




DRILLED SHAFT

## TYPICAL SECTION

*Reference is made to the latest edition of the CRSI "Manual of Standard Practice" for recommended industry practices concerning reinforcing steel.*

*Use only the following types of bar supports:*

*1) Wire Bar Supports:*

*a) Epoxy coated reinforcing: Class 1 Protection*
*b) Non-epoxy coated reinforcing: Class 1, 2, or 3 Protection*

*2) Plastic Bar Supports*

*3) Supplementary bars*

*When securing epoxy coated reinforcement, use tie wires or metal clips that are epoxy or plastic coated.*

*Do not weld reinforcing steel to bar supports or to other reinforcing steel. Shop weld spacer frames for haunched slabs.*

*Tie bars at all intersections around the perimeter of each mat and at not less than 2'-0" centers or at every intersection, whichever is greater.*

*Where more than one length of bar support is required, lap the end legs so they are locked or tied together.*

*Use proper height supports to maintain the distance between the reinforcing and the formed surface or the top surface of deck slabs within 1/4" of that indicated on the plans.*

*Spacings shown are maximums. Use sufficient supports, as determined by the Engineer, to retain the reinforcing steel in position.*

*Construct platforms, used for the support of men and equipment during concrete placement, directly on the forms and not on the reinforcing steel.*

*Designs and arrangements of Supports or Spacers other than as shown on this sheet, may be used with the permission of the Engineer.*

| NO. | DATE | REVISIONS | BY | APP'D |
|---|---|---|---|---|
| 3 | | | | |
| 2 | | | | |
| 1 | | | | |

KANSAS DEPARTMENT OF TRANSPORTATION

# SUPPORTS AND SPACERS FOR REINFORCING STEEL

BRI20

| | | | | | |
|---|---|---|---|---|---|
| FHWA APPROVAL | | 6-15-95 | APP'D | KENNETH F. HURST | |
| DESIGNED | RAM | DETAILED | GFK | QUANTITIES | CADD GFK |
| DESIGN CK. | LRR | DETAIL CK. | RAM | QUAN. CK. | CADD CK. RAM |




Plotted By : RAS | Std. Base File : /usr2/stand/us/bri20.dgn
Plot File : i:\996\96340\barsupp.dgn | Workin' File : /usr2/
Plot Date : 12-29-98 | Back Up File : witch
View= PLOT