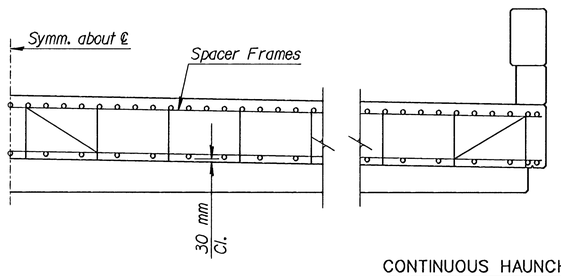
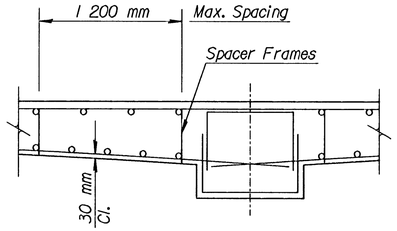
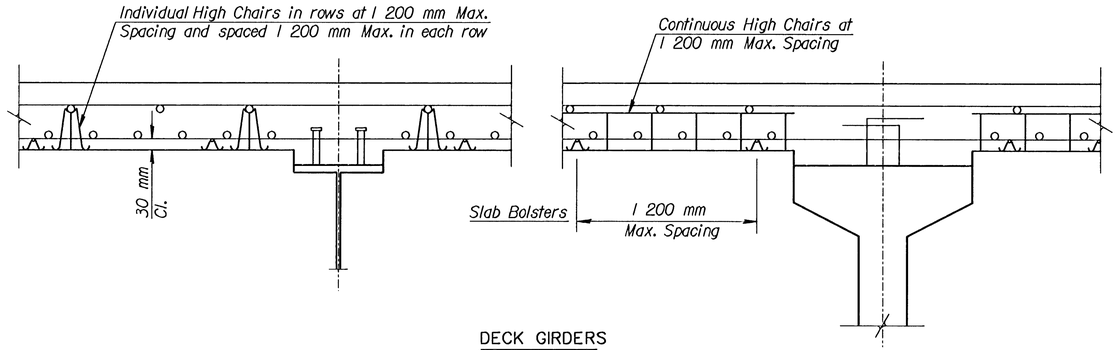
| FHWA REGION NO. | STATE | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 7 | KANSAS | 87N-0078-01 | 1997 | 20 | 33 |

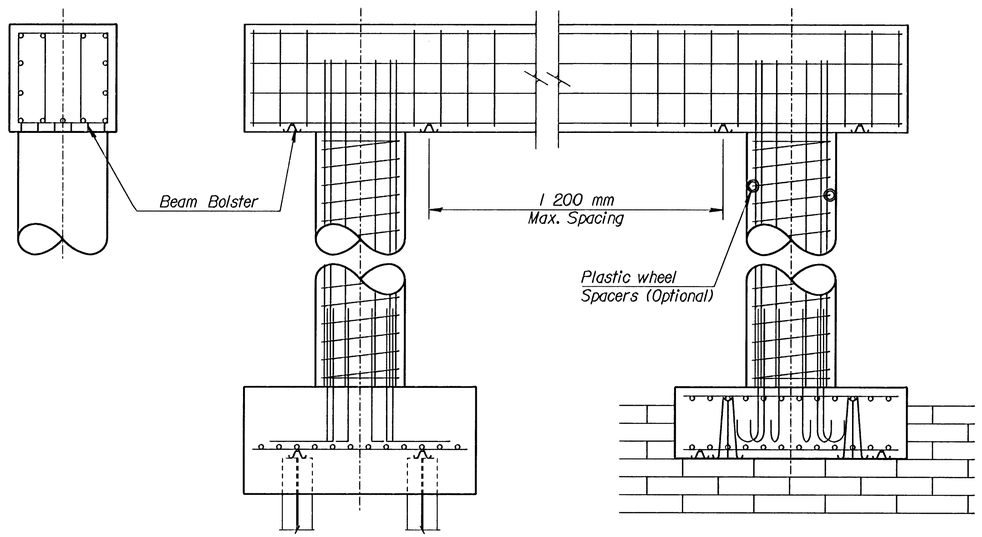


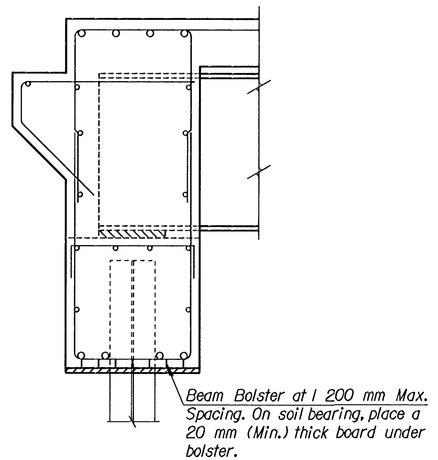

CONTINUOUS HAUNCHED SLAB



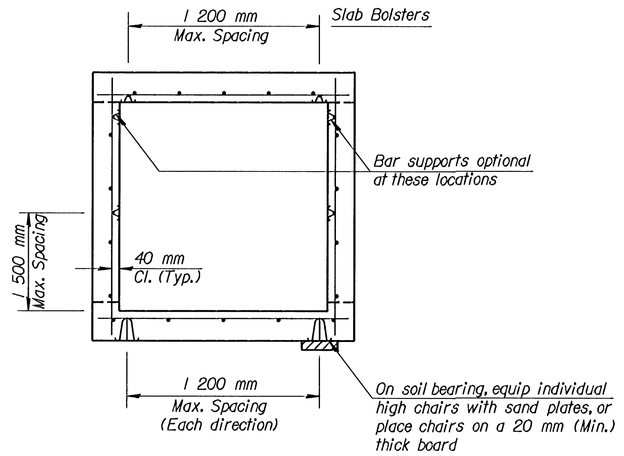

DECK GIRDERS



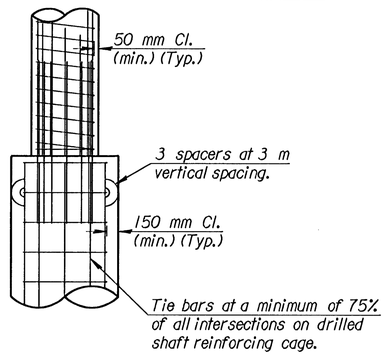

PIER




ABUTMENT




BOX CULVERT




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 600 mm 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 5 mm 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 any platforms, required for the support of workers and/or 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

BR120 SI

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

Plotted By : $$USERNAME$$ | Std. Base File : /usr2/stand/si/br120si.dgn
Plot File : $$$$$$$$$$DGNSPEC$$$$$$$$$$ | Server File : /usr2/
Plot Date : $$$$$SYTIME$$$$$$ | Server : witch
View= PLOT