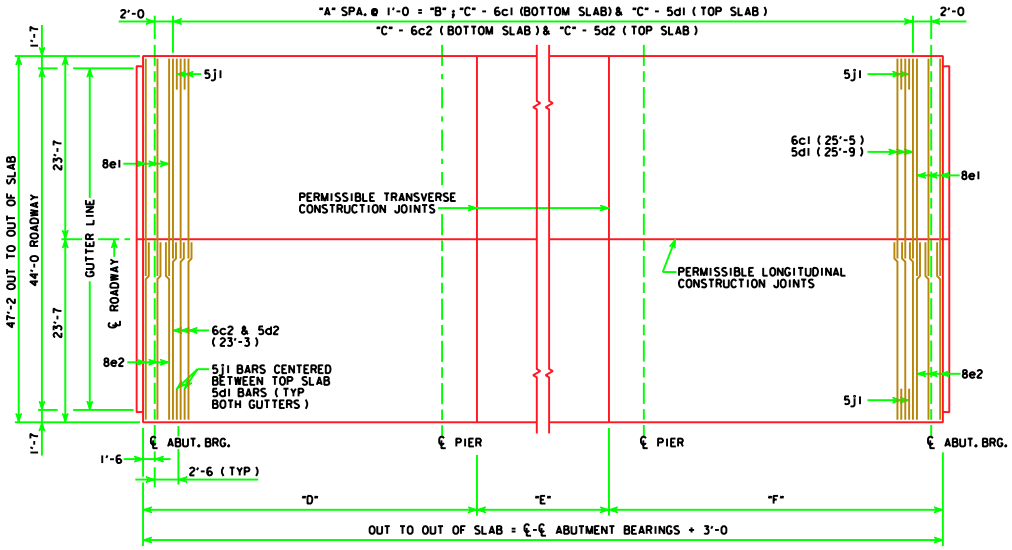
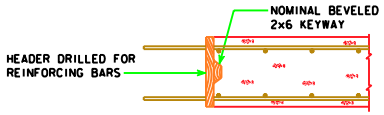
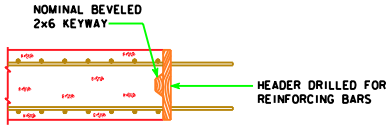
| 0° TRANSV. REINF. DIMENSION TABLE | | | | | | |
|---|---|---|---|---|---|---|
| BRIDGE | "A" | "B" | "C" | "D" | "E" | "F" |
| 70' BRIDGE | 66 | 66'-0 | 67 | 28'-0 | 17'-0 | 28'-0 |
| 80' BRIDGE | 76 | 76'-0 | 77 | 32'-0 | 19'-0 | 32'-0 |
| 90' BRIDGE | 86 | 86'-0 | 87 | 36'-0 | 21'-0 | 36'-0 |
| 100' BRIDGE | 96 | 96'-0 | 97 | 40'-0 | 23'-0 | 40'-0 |
| 110' BRIDGE | 106 | 106'-0 | 107 | 44'-0 | 25'-0 | 44'-0 |
| 120' BRIDGE | 116 | 116'-0 | 117 | 48'-0 | 27'-0 | 48'-0 |
| 130' BRIDGE | 126 | 126'-0 | 127 | 52'-0 | 29'-0 | 52'-0 |
| 140' BRIDGE | 136 | 136'-0 | 137 | 56'-0 | 31'-0 | 56'-0 |
| 150' BRIDGE | 146 | 146'-0 | 147 | 60'-0 | 33'-0 | 60'-0 |



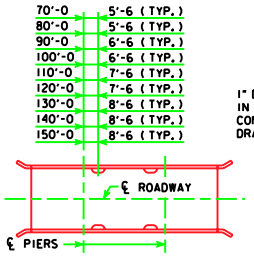

0° SKEW
TRANSVERSE REINFORCING STEEL LAYOUT




TRANSVERSE CONSTR. JOINT

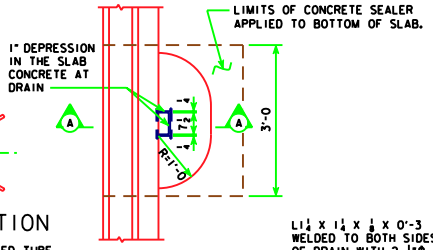



LONGITUDINAL CONSTR. JOINT




FLOOR DRAIN LOCATION

NOTE: 4" X 8" OUTSIDE DIMENSION ROLLED TUBE WITH $\frac{1}{4}$" WALL THICKNESS MAY BE SUBSTITUTED FOR THE WELDED DRAIN SHOWN.

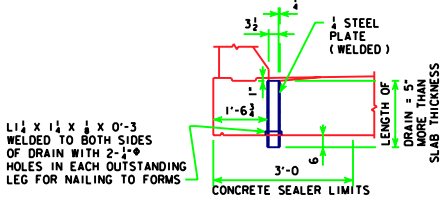



PART PLAN

FLOOR DRAIN DETAILS

(USE FOR BARRIER RAIL ONLY, NOT REQUIRED FOR OPEN RAIL)

NOTE: DRAINS ARE TO BE GALVANIZED. INCLUDE COST OF DRAINS IN PRICE BID FOR "STRUCTURAL CONCRETE". 4 DRAINS REQUIRED.




SECTION A-A

| WEIGHT OF ONE FLOOR DRAIN | | | |
|---|---|---|---|
| SPAN | WEIGHT, LBS. | SPAN | WEIGHT, LBS. |
| 70'-0 | 32 | 120'-0 | 41 |
| 80'-0 | 33 | 130'-0 | 43 |
| 90'-0 | 35 | 140'-0 | 45 |
| 100'-0 | 37 | 150'-0 | 48 |
| 110'-0 | 39 | | |

LATEST REVISION DATE

APPROVED BY BRIDGE ENGINEER

Iowa Department of Transportation
Highway Division

STANDARD DESIGN - 44' ROADWAY, 3 SPAN BRIDGES

CONTINUOUS CONCRETE SLAB BRIDGES

NOVEMBER, 2006

SUPERSTRUCTURE DETAILS
ALL BRIDGES
0° SKEW

J44-21-06