

IOWA DEPARTMENT OF TRANSPORTATION

To Office Local Systems

Date November 5, 2007

Attention LeRoy Bergmann

Ref No. 521.1

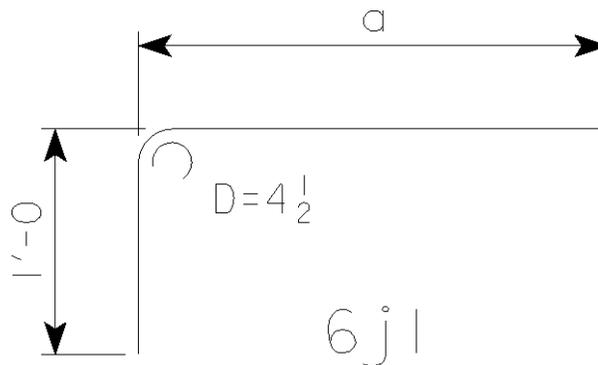
From Gary Novey

Office Bridges and Structures

Subject: Method's Memo No. 186 (Revision Open Rail Details to J24-06, J30-06, J40-06, J44-06)

An error has been found in the open rail details on the J24-06, J30-06, J40-06, and J44-06 continuous concrete slab standards. The 6j1 bar should have been shown as a variable bar as shown in the table below. When using the open rail details on the standards the following correction should be made to the length of the 6j1 bar and rebar weight.

| Bridge Length | "a" dimension | Total length | Total number | Revised bar weight |
|---------------|---------------|--------------|--------------|--------------------|
| 70 | 3'-6 | 4'-6 | 152 | 1027 |
| 80 | 3'-7 | 4'-7 | 184 | 1267 |
| 90 | 3'-8 | 4'-8 | 200 | 1402 |
| 100 | 3'-9 | 4'-9 | 216 | 1541 |
| 110 | 3'-10 | 4'-10 | 232 | 1684 |
| 120 | 3'-11 | 4'-11 | 264 | 1950 |
| 130 | 4'-1 | 5'-1 | 280 | 2138 |
| 140 | 4'-2 | 5'-2 | 296 | 2297 |
| 150 | 4'-3 | 5'-3 | 312 | 2460 |



6j1 bar – Bent Bar Detail

Revisions will be made to the standards and released as soon as completed. If you have any questions please check with Dean Bierwagen or Thayne Sorenson.