



Contract Item:

Standard or Slip-Form PCC Pavement

| OFFSETS FOR 9.6 m PAVEMENT WITH 150 mm SLOPED CURBS | | | | | | | | |
|--|----|----|-------|-------|-------|-------|-------|-------|
| Distance From | ℓ | 0 | 1.0 m | 2.0 m | 3.0 m | 3.6 m | 4.0 m | 4.8 m |
| (A) | mm | 0 | 20 | 40 | 60 | 72 | 80 | 96 |
| (B) | mm | 96 | 76 | 56 | 36 | 24 | 16 | 0 |

| PER STATION DESIGN VALUES FOR (9.6 m B-B) PAVEMENT SECTION | | | | | | | | | | | | ③ |
|--|----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| ITEM | UNIT | T=150 | T=160 | T=170 | T=180 | T=190 | T=200 | T=210 | T=220 | T=230 | T=240 | T=250 |
| Section Area | m ² | 1.49 | 1.59 | 1.68 | 1.78 | 1.87 | 1.97 | 2.07 | 2.16 | 2.26 | 2.35 | 2.45 |
| Concrete Volume | m ³ | 149.0 | 158.6 | 168.2 | 177.8 | 187.4 | 197.0 | 206.6 | 216.2 | 225.8 | 235.4 | 245.0 |
| Surface Area | m ² | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 | 960 |

- ① Transverse Joint spacing 8.0 meters (normal) for 'CD' joint (no dowels in outside 1.2 meters of pavement). 4.5 meters (normal) for 'C' joint.
- ② 'BT-1' or 'L-1' Joint if pavement thickness is less than 200 millimeters. 'KT-2' or 'L-2' Joint if pavement thickness is 200 millimeters or greater.
- ③ Quantities include 150 millimeter curb.

For joint details,
see Standard Road Plans
RH-50, RH-51, and RH-52.

All dimensions given in millimeters unless noted.

| | | |
|---|--|---------------------------|
| M METRIC VERSION | Iowa Department of Transportation Highway Division | |
| | STANDARD ROAD PLAN RH-45C | |
| | REVISION: Added quarter point jointing and remove paving options | REVISION NO. 3 |
| | APPROVED BY DESIGN METHODS ENGINEER | REVISION DATE 10-18-05 |
| TWO LANE 9.6 m WIDE P.C. CONCRETE PAVEMENT (WITH 150 mm SLOPED CURB) | | |