

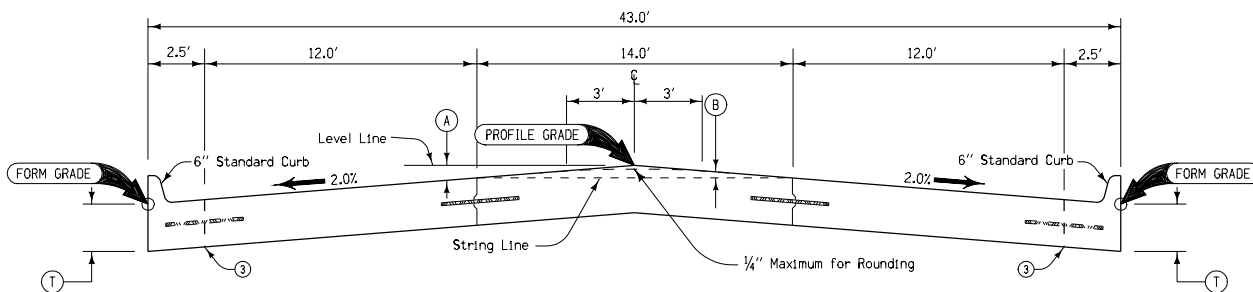
TYPICAL PAVEMENT PLAN

OFFSETS FOR 14' CENTER SECTION OF PAVEMENT

Distance From C	7'	6'	5'	4'	3'	2'	1'	0	1'	2'	3'	4'	5'	6'	7'
(A) Inches	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	—	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
Feet	.130	.110	.090	.070	.050	.030	.010	—	.010	.030	.050	.070	.090	.110	.130
(B) Inches	—	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$	1 $\frac{1}{8}$
Feet	—	.010	.030	.050	.070	.090	.110	.130	.110	.090	.070	.050	.030	.010	—

PER STATION DESIGN VALUES FOR (43' B-B) PAVEMENT SECTION (4)

ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=10"
Section Area	Sq. Ft.	22,000	25,583	29,167	32,750	36,333
Concrete Volume	Cu. Yds.	81.48	94.75	108.02	121.30	134.57
Surface Area	Sq. Yds.	477.778	477.778	477.778	477.778	477.778



TYPICAL CROSS SECTION

Contract Item:
Standard or Slip-Form Concrete Pavement

- ① Transverse joint spacing 20' (normal) for 'CD' joint (no dowels in outside 2.5' of pavement). 15' (normal) for 'C' joint.
- ② 'L-1' Joint if pavement thickness is less than 8". 'L-2' Joint, if pavement thickness is 8" or greater.
- ③ Optional joint. 'BT-1' Joint if pavement thickness is less than 8". 'KT-2' Joint, if pavement thickness is 8" or greater.
- ④ Quantities include 6" curb.

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

Iowa Department of Transportation Highway Division	
STANDARD ROAD PLAN RH-45D	
REVISION: Show optional joints as dashed lines.	REVISION NO. 1
APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-18-06
THREE LANE 43' WIDE P.C. CONCRETE PAVEMENT (WITH 6" STANDARD CURB)	