



PER STATION DESIGN VALUES FOR (31' B-B) PAVEMENT SECTION ③						
ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=10"
Section Area	Sq. Ft.	16.00	18.582	21.168	23.750	26.332
Concrete Volume	Cu. Yds.	59.26	68.82	78.40	87.96	97.53
Surface Area	Sq. Yds.	344.444	344.444	344.444	344.444	344.444

- ① Transverse Joint spacing 20' (normal) for 'CD joint (no dowels in outside 3.5' of pavement). 15' (normal) for 'C' joint.
- ② 'BT-1' or 'L-1' Joint if pavement thickness is less than 8". 'KT-2' or 'L-2' Joint if pavement thickness is 8" or greater.
- ③ Quantities include 6" curb.

Contract Item:
Standard or Slip-Form PCC Pavement

OFFSETS FOR 31' PAVEMENT WITH 6" STANDARD CURBS																		
Distance From C	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	15.5'	
ⓐ	Inches	—	¼	½	¾	⅞	1⅞	1¾	1⅝	2⅞	2¾	2½	2⅞	3⅞	3¾	3⅝	3¼	
	Feet	0	.020	.040	.060	.080	.100	.120	.140	.160	.180	.200	.220	.240	.260	.280	.300	.310
ⓑ	Inches	3¾	3½	3¼	3	2¾	2½	2¼	2⅞	1⅞	1⅞	1⅞	1⅞	1⅞	1⅞	1⅞	1⅞	—
	Feet	.31	.29	.27	.25	.23	.21	.19	.17	.15	.13	.11	.09	.07	.05	.03	.01	—

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

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RH-45B

REVISION: Add quarter point jointing and remove paving options.	REVISION NO. 7
<i>William J. Allen</i>	REVISION DATE 10-18-05
APPROVED BY DESIGN METHODS ENGINEER	

TWO LANE 31' WIDE
P.C. CONCRETE PAVEMENT
(WITH 6" STANDARD CURB)