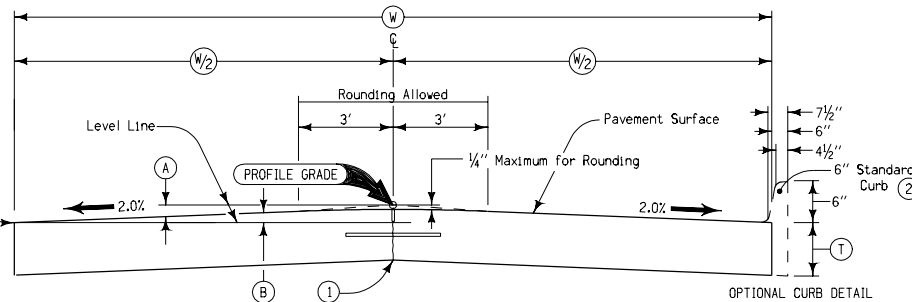


Contract Item:
Standard or Slip-Form PCC Pavement

- ① Joints will be:
'L-1' or 'BT-1' for T less than 8".
'L-2' or 'KT-2' for T greater or equal to 8".
- ② Curb option applies to the 25.0' or 28.0' pavement.
- ③ Includes quantities for 6" curb.
- ④ Transverse Joint spacing (normal) 20' for 'CO' joint, 15' for 'C' joint. Skewed 'C' Joints optional only on non-DOT projects.

Edge to a 1/4" radius except when used at interior multiple lane of pavement, then use 1/8" radius edge.



		PER STATION DESIGN QUANTITIES FOR PAVEMENT								
WIDTH	ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=9.5"	T=10"	T=10.5"	T=11"
22'	Section Area	Sq. Ft.	11.00	12.83	14.67	16.50	-----	-----	-----	-----
	Concrete Volume	Cu. Yds.	40.74	47.53	54.32	61.11	-----	-----	-----	-----
	Surface Area	Sq. Yds.	244.44	244.44	244.44	244.44	-----	-----	-----	-----
24'	Section Area	Sq. Ft.	12.00	14.00	16.00	18.00	19.00	20.00	21.00	22.00
	Concrete Volume	Cu. Yds.	44.44	51.85	59.26	66.67	70.37	74.07	77.78	81.48
	Surface Area	Sq. Yds.	266.67	266.67	266.67	266.67	266.67	266.67	266.67	266.67
25' ③	Section Area	Sq. Ft.	13.00	15.12	17.25	19.38	20.44	21.50	22.56	23.63
	Concrete Volume	Cu. Yds.	48.15	56.02	63.89	71.76	75.69	79.63	83.56	87.50
	Surface Area	Sq. Yds.	283.33	283.33	283.33	283.33	283.33	283.33	283.33	283.33
28' ③	Section Area	Sq. Ft.	-----	-----	-----	21.63	22.81	24.00	25.19	26.38
	Concrete Volume	Cu. Yds.	-----	-----	-----	80.10	84.49	88.88	93.29	97.69
	Surface Area	Sq. Yds.	-----	-----	-----	316.67	316.67	316.66	316.66	316.66

OFFSETS FOR 22', 24', 25' AND 28' PAVEMENT

(W)	Distance From C	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	12.5'	13'	14'
22' 24', 25' & 28'	(A)	Inches	0	1/4	1/2	3/4	5/8	13/16	17/16	17/16	15/8	23/16	23/16	27/16	3	3 3/8	3 3/8
	Feet	0	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.25	0.26	0.28
22'	(B)	Inches	2 1/8	2 3/8	2 3/8	2 3/8	1 5/8	1 1/8	1 1/8	1 1/8	5/8	3/4	1/2	1/4	---	---	---
	Feet	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00	---	---	---	---
24'	(B)	Inches	2 7/8	2 1/2	2 3/8	2 3/8	1 5/8	1 1/8	1 1/8	1 1/8	5/8	3/4	1/2	1/4	---	---	---
	Feet	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00	---	---	---
25'	(B)	Inches	3	2 3/4	2 1/2	2 1/4	2 1/8	1 5/8	1 1/8	1 1/8	1 1/8	5/8	3/4	1/2	---	---	---
	Feet	0.25	0.23	0.21	0.19	0.17	0.15	0.13	0.11	0.09	0.07	0.05	0.03	0.01	0.00	---	---
28'	(B)	Inches	3 3/8	3 1/8	2 7/8	2 5/8	2 3/8	2 1/8	1 5/8	1 1/8	1 1/8	5/8	3/4	1/2	3/8	1/4	---
	Feet	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.03	0.02	0.00

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

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RH-22

REVISION: Modify note 4.

APPROVED BY DESIGN METHODS ENGINEER
Deanna Marjold

TWO-LANE
P.C. CONCRETE PAVEMENT

REVISION NO. 13
REVISION DATE 04-18-06