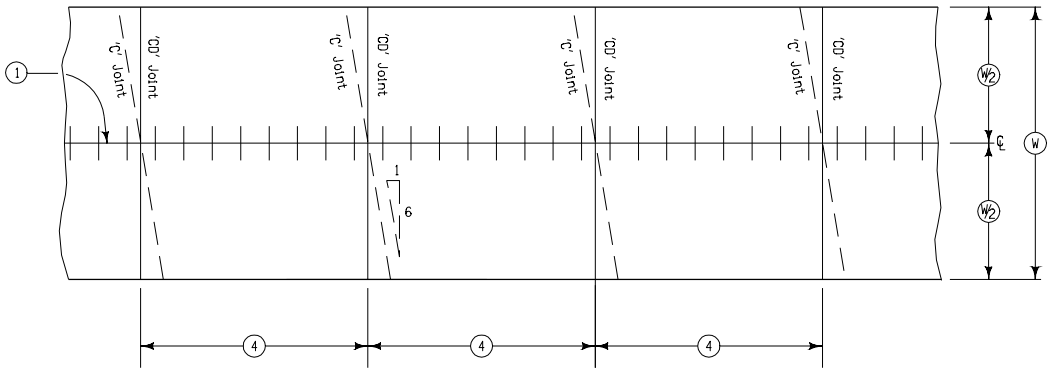
Transverse 'C' Joints skewed unless otherwise specified



PLAN

Contract Item:

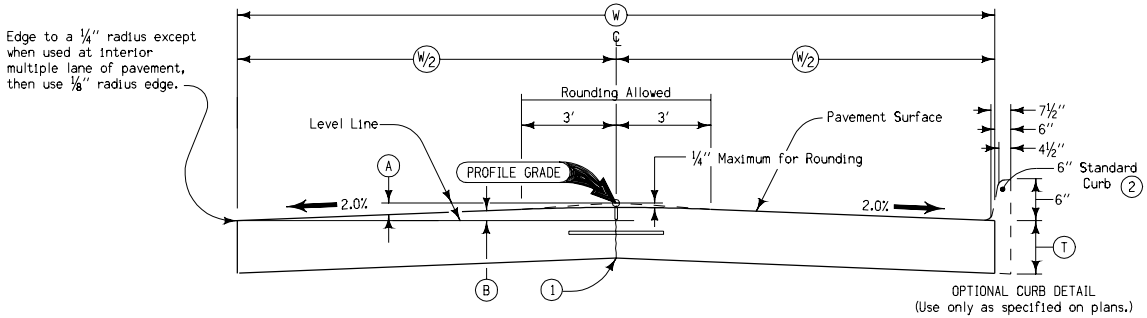
Standard or Slip-Form PCC Pavement

(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 'CD' joint, 15' for 'C' joint.



CROSS SECTION

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 ℄		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	15/16	1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 3/8	2 5/8	2 7/8	3	3 1/8	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 11/16	2 3/8	2 3/16	1 15/16	1 11/16	1 7/16	1 3/16	15/16	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 11/16	2 3/8	2 3/16	1 15/16	1 11/16	1 7/16	1 3/16	5/16	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 1/16	1 13/16	1 9/16	1 5/16	1 1/16	13/16	5/8	3/8	1/8	---	---	---
		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 3/16	1 15/16	1 11/16	1 7/16	1 3/16	15/16	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: Remove skewed 'CD' joints; change title..

REVISION NO. 12

REVISION DATE 04-19-05

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

TWO-LANE
P.C. CONCRETE PAVEMENT