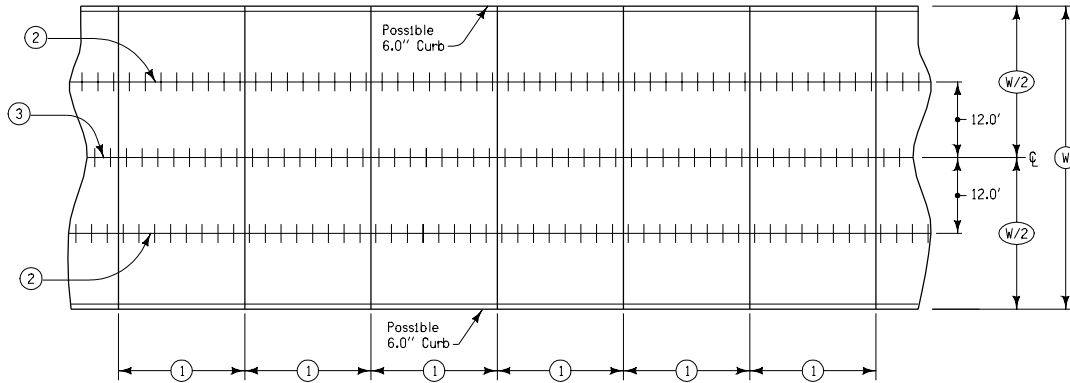
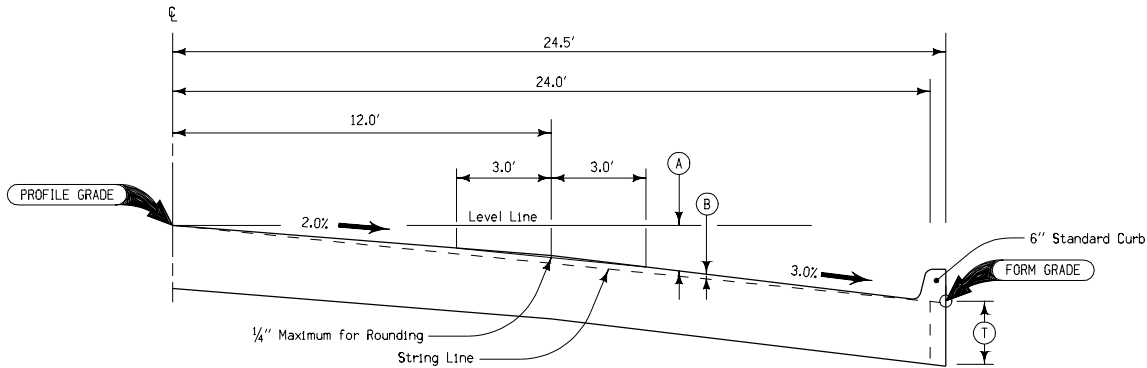


Contract Item:  
Standard or Slip-Form PCC Pavement



PLAN



CROSS SECTION

- ① Transverse Joint spacing (normal) 20' for 'CD' joint, 15' for 'C' joint.
- ② Joints will be: 'L-1' or 'BT-1' for T less than 8.0" and 'L-2' or 'KT-2' for T greater or equal to 8.0".
- ③ Joint will be modified 'BT-1' with specified bar spacing for T less than 8.0" and 'KT-2' or 'KT-3' for T greater than or equal to 8.0". See table for detail of bar spacing.

PER STATION DESIGN QUANTITIES FOR FULL WIDTH PAVEMENT							
(W)	ITEM	UNIT	T=6.0"	T=7.0"	T=8.0"	T=9.0"	T=10.0"
48'	Section Area	Sq. Ft.	24.00	28.00	32.00	36.00	40.00
	Concrete Volume	Cu. Yds.	88.89	103.70	118.52	133.33	148.15
	Surface Area	Sq. Yds.	533.33	533.33	533.33	533.33	533.33
49'	Section Area	Sq. Ft.	25.00	29.08	33.17	37.25	41.33
	Concrete Volume	Cu. Yds.	92.59	107.71	122.85	137.96	153.08
	Surface Area	Sq. Yds.	544.44	544.44	544.44	544.44	544.44
Centerline Joint ③			BT-1 24.0" spacing		KT-2		

\*Quantities include 6" Standard curb

OFFSETS FOR 48.0' AND 49.0' PAVEMENTS WITH 6.0" STANDARD CURB

(W)	Distance From C	0	1.0'	2.0'	3.0'	4.0'	5.0'	6.0'	7.0'	8.0'	9.0'	10.0'	11.0'	12.0'	13.0'	14.0'	15.0'	16.0'	17.0'	18.0'	19.0'	20.0'	21.0'	22.0'	23.0'	24.0'	24.5'										
48' & 49'	(A)	Inches	—	1/4	1/2	3/4	5/8	1 1/8	1 1/4	1 1/2	1 5/8	1 3/4	1 7/8	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2	
		Feet	—	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.27	0.30	0.33	0.36	0.39	0.42	0.45	0.48	0.51	0.54	0.57	0.60	0.615									
48'	(B)	Inches	—	1/8	3/8	1/2	5/8	3/4	7/8	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2
		Feet	—	0.005	0.010	0.015	0.020	0.025	0.030	0.035	0.040	0.045	0.050	0.055	0.060	0.065	0.070	0.075	0.080	0.085	0.090	0.095	0.100	0.105	0.110	0.115	0.120	0.125	0.130	0.135	0.140	0.145	0.150	0.155	0.160	0.165	0.170
49'	(B)	Inches	—	1/8	3/8	1/2	5/8	3/4	7/8	1 1/8	1 1/4	1 1/2	1 3/4	1 7/8	2 1/8	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4	5	5 1/4	5 1/2	5 3/4	6	6 1/4	6 1/2	6 3/4	7	7 1/4	7 1/2
		Feet	—	0.005	0.010	0.015	0.020	0.026	0.031	0.036	0.041	0.046	0.051	0.056	0.061	0.066	0.071	0.076	0.081	0.086	0.091	0.096	0.101	0.106	0.111	0.116	0.121	0.126	0.131	0.136	0.141	0.146	0.151	0.156	0.161	0.166	0.171

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

**Iowa Department of Transportation**  
Highway Division

**STANDARD ROAD PLAN RH-43**

REVISION: Remove skewed joints; change title. REVISION NO. 8

*William J. Allen*  
APPROVED BY DESIGN METHODS ENGINEER REVISION DATE 04-19-05

**FOUR LANE 48.0' or 49.0'**  
**P. C. CONCRETE PAVEMENT**