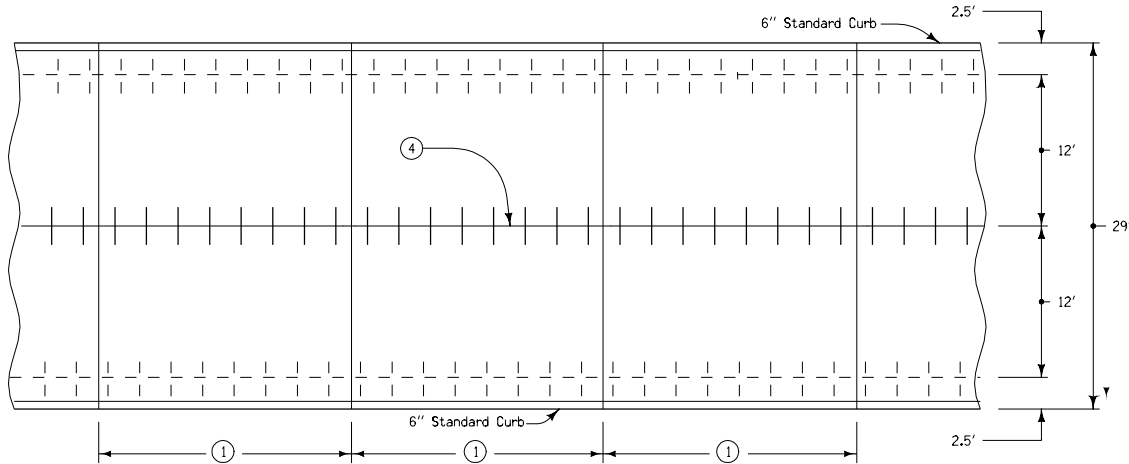
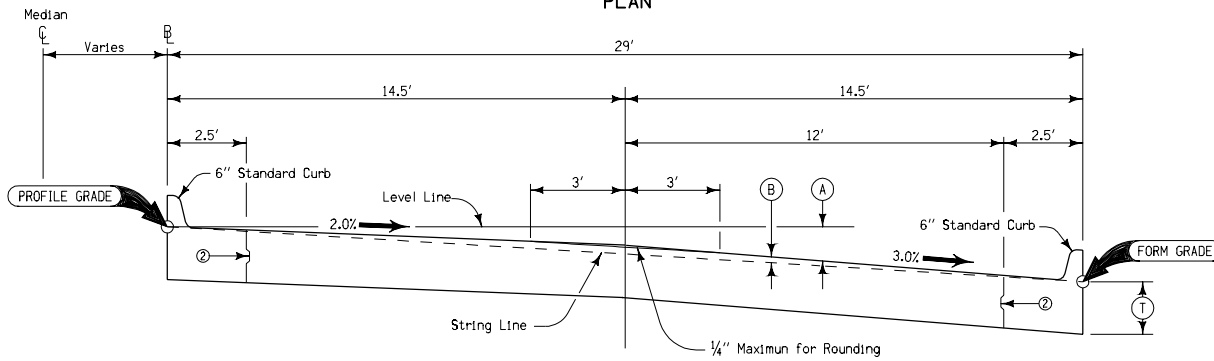


Contract Item:  
Standard or Slip-Form PCC Pavement



- ① Transverse joint spacing 20' (normal) for 'CD' joint (no dowel in outside 2.5' of pavement), 15' (normal) for 'C' joint.
- ② Optional: 'BT-1' Joint if pavement thickness is less than 8". 'KT-2' Joint, if pavement thickness is 8" or greater.
- ③ Quantities include 6" curb.
- ④ Joints will be:  
'L-1' or 'BT-1' for T less than 8".  
'L-2' or 'KT-2' for greater or equal to 8".

PLAN




CROSS SECTION

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

PER STATION DESIGN VALUES FOR (29' B-B) PAVEMENT SECTION ③						
ITEM	UNIT	T=6"	T=7"	T=8"	T=9"	T=10"
Section Area	Sq. Ft.	15.00	17.417	19.833	22.25	24.667
Concrete Volume	Cu. Yds.	55.555	64.506	73.457	82.407	91.358
Surface Area	Sq. Yds.	322.222	322.222	322.222	322.222	322.222

OFFSETS FOR 29' PAVEMENT WITH 6" STANDARD CURBS																															
Distance From C	0.5'	1.5'	2.5'	3.5'	4.5'	5.5'	6.5'	7.5'	8.5'	9.5'	10.5'	11.5'	12.5'	13.5'	14.5'	15.5'	16.5'	17.5'	18.5'	19.5'	20.5'	21.5'	22.5'	23.5'	24.5'	25.5'	26.5'	27.5'	28.5'	29.0'	
A	Inches	1/8	3/8	5/8	7/8	1 1/8	1 3/8	1 5/8	1 7/8	2 1/8	2 3/8	2 5/8	3	3 1/4	3 1/2	3 3/4	4 1/8	4 1/4	4 1/2	4 3/4	5 1/4	5 1/2	6	6 3/8	6 3/4	7 1/8	7 1/4	7 3/8	8 1/8	8 1/4	8 1/2
	Feet	0.01	0.03	0.05	0.07	0.09	0.11	0.13	0.15	0.17	0.19	0.21	0.23	0.25	0.27	0.29	0.32	0.35	0.38	0.41	0.44	0.47	0.50	0.53	0.56	0.59	0.62	0.65	0.68	0.71	0.725
B	Inches	—	1/16	1/8	3/16	1/4	5/16	3/8	7/16	1/2	9/16	5/8	3/4	13/16	7/8	15/16	1	1 1/16	1 1/8	1 1/4	1 1/2	1 3/8	1 1/2	1 5/8	1 3/4	1 7/8	2	2 1/16	2 1/8	2 1/4	2 1/2
	Feet	0.002	0.007	0.012	0.017	0.022	0.027	0.032	0.037	0.042	0.047	0.052	0.057	0.062	0.067	0.072	0.077	0.082	0.087	0.092	0.097	0.102	0.107	0.112	0.117	0.122	0.127	0.132	0.137	0.142	0.147



Iowa Department of Transportation  
Highway Division

## STANDARD ROAD PLAN RH-48

REVISION: Change note 1 from 3.5' to 2.5'; change title.

REVISION NO.  
5

REVISION DATE  
10-18-05

*William J. Alan*  
APPROVED BY DESIGN METHODS ENGINEER

**FOUR LANE 29' WIDE  
P. C. CONCRETE PAVEMENT  
DIVIDED ROADWAY**