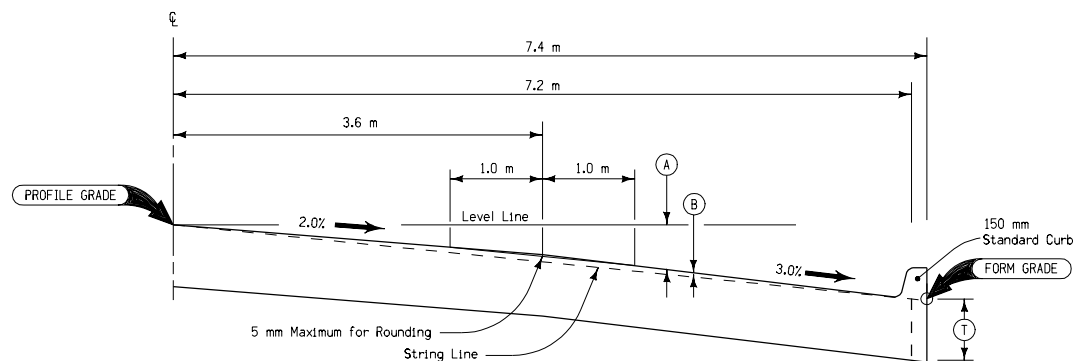


PLAN



CROSS SECTION

OFFSETS FOR 14.4 m AND 14.8 m PAVEMENTS WITH 150 mm STANDARD CURB												
(W)	Distance From C	0 m	1.0 m	2.0 m	3.0 m	3.6 m	4.0 m	5.0 m	6.0 m	7.0 m	7.2 m	7.4 m
14.4 & 14.8 m	(A)	mm	0	20	40	60	72	84	114	144	174	186
14.4 m	(B)	mm	0	5	10	15	18	16	11	6	1	---
14.8 m	(B)	mm	0	5	10	15	18	17	12	7	2	0

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

Contract Item:

Standard or Slip-Form PCC Pavement

- ① Transverse Joint spacing (normal) 6.0 meters for 'CD' joint, 4.5 meters for 'C' joint.
- ② Joints will be: 'L-1' or 'BT-1' for T less than 200 millimeters and 'L-2' or 'KT-2' for T greater than or equal to 200 millimeters.
- ③ Joint will be modified 'BT-1' with specified bar spacing for T less than 200 millimeters and 'KT-2' or 'KT-3' for T greater than or equal to 200 millimeters. See table for detail of bar spacing.

PER STATION DESIGN QUANTITIES FOR FULL WIDTH PAVEMENT													
(W)	ITEM	UNIT	T=150	T=160	T=170	T=180	T=190	T=200	T=210	T=220	T=230	T=240	T=250
14.4 m	Section Area	m <sup>2</sup>	2,160	2,304	2,448	2,592	2,736	2,880	3,024	3,168	3,312	3,456	3,600
	Concrete Volume	m <sup>3</sup>	216.0	230.4	244.8	259.2	273.6	288.0	302.4	316.8	331.2	345.6	360.0
	Surface Area	m <sup>2</sup>	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440	1440
14.8 m	Section Area	m <sup>2</sup>	2,269	2,417	2,565	2,713	2,861	3,009	3,157	3,305	3,453	3,601	3,749
	Concrete Volume	m <sup>3</sup>	226.9	241.7	256.5	271.3	286.1	300.9	315.7	330.5	345.3	360.1	374.9
	Surface Area	m <sup>2</sup>	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480	1480
Centerline Joint ③			'BT-1' 600 mm spacing						'KT-2'				

\* Quantities include 150 mm Standard curb

All dimensions given in millimeters unless noted.

<b>M</b> <b>METRIC VERSION</b>	<b>Iowa Department of Transportation</b> Highway Division	
	<b>STANDARD ROAD PLAN RH-43</b>	
	REVISION: Remove skewed joints; change title.	
	APPROVED BY <i>William J. Sten</i> DESIGN METHODS ENGINEER	
	REVISION NO. 8 REVISION DATE 04-19-05	
FOUR LANE 14.4 m or 14.8 m P.C. CONCRETE PAVEMENT		