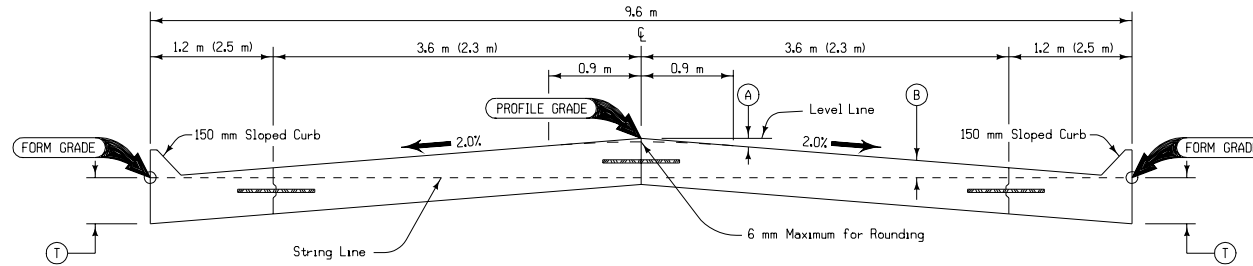


PLAN  
 (T) 230 mm or greater

PLAN  
 (T) less than 230 mm



CROSS SECTION

(Dimensions in (##) for (T) less than 230 mm)

Contract Item:

Standard or Slip-Form PCC Pavement

OFFSETS FOR 9.6 m PAVEMENT WITH 150 mm SLOPED CURBS								
Distance From	C	0	1.0 m	2.0 m	3.0 m	3.6 m	4.0 m	4.8 m
(A)	mm	0	20	40	60	72	80	96
(B)	mm	96	76	56	36	24	16	0

- ① Transverse Joint spacing 6.0 meters (normal) for 'CD' joint (no dowels in outside 1.2 meters of pavement), 4.5 meters (normal) for 'C' joint.
- ② 'BT-1' or 'L-1' Joint if pavement thickness is less than 200 millimeters. 'KT-2' or 'L-2' Joint if pavement thickness is 200 millimeters or greater.
- ③ Quantities include 150 millimeter curb.

All dimensions given in millimeters unless noted.

PER STATION DESIGN VALUES FOR (9.6 m B-B) PAVEMENT SECTION ③												
ITEM	UNIT	T=150	T=160	T=170	T=180	T=190	T=200	T=210	T=220	T=230	T=240	T=250
Section Area	m <sup>2</sup>	1.49	1.59	1.68	1.78	1.87	1.97	2.07	2.16	2.26	2.35	2.45
Concrete Volume	m <sup>3</sup>	149.0	158.6	168.2	177.8	187.4	197.0	206.6	216.2	225.8	235.4	245.0
Surface Area	m <sup>2</sup>	960	960	960	960	960	960	960	960	960	960	960

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

<b>M</b> <b>METRIC VERSION</b>	 <b>Iowa Department of Transportation</b> Highway Division
	<b>STANDARD ROAD PLAN RH-45C</b>
	REVISION: Added quarter point, jointing and remove paving options
	REVISION NO. 3 REVISION DATE 10-18-05
APPROVED BY <i>William J. Stein</i> DESIGN METHODS ENGINEER	
<b>TWO LANE 9.6 m WIDE          P.C. CONCRETE PAVEMENT          (WITH 150 mm SLOPED CURB)</b>	