

TYPICAL PAVEMENT PLAN

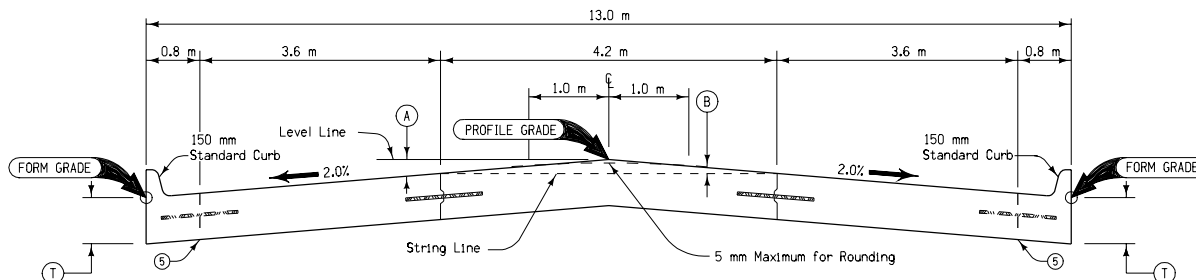
Distance from C	2.1 m	1.5 m	1.0 m	0.5 m	0 m	0.5 m	1.0 m	1.5 m	2.1 m	
(A)	mm	42	30	20	10	0	10	20	30	42
(B)	mm	0	12	22	32	42	32	22	12	0

ITEM	UNIT	T=150	T=180	T=200	T=230	T=250
Section Area	m ²	1.998	2.388	2.648	3.038	3.298
Concrete Volume	m ³	199.8	238.8	264.8	303.8	329.8
Surface Area	m ²	1300	1300	1300	1300	1300

Contract Item:
Standard or Slip-Form Concrete Pavement

- ① Transverse joint spacing 6.0 meters (normal) for 'CD' joint (no dowels in outside 0.8 meters of pavement). 4.5 meters (normal) for 'C' joint.
- ② 'L-1' Joint if pavement thickness is less than 200 millimeters. 'L-2' Joint, if pavement thickness is 200 millimeters or greater.
- ③ Optional joint. 'BT-1' Joint if pavement thickness is less than 200 millimeters. 'KT-2' Joint, if pavement thickness is 200 millimeters or greater.
- ④ Quantities include 150 millimeter curb.

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



TYPICAL CROSS SECTION

All dimensions given in millimeters unless noted.

M METRIC VERSION		Iowa Department of Transportation Highway Division
	STANDARD ROAD PLAN RH-45D	
	REVISION: Show optional joints as dashed lines.	REVISION NO. 1
	<i>Deanna Muford</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-18-06
THREE LANE 13.0 m WIDE P.C. CONCRETE PAVEMENT (WITH 150 mm STANDARD CURB)		