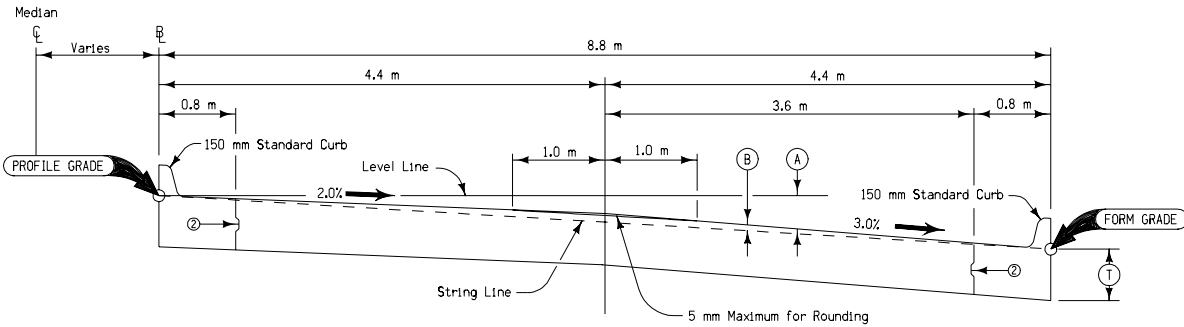


PLAN



CROSS SECTION

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 6.0 meters (normal) for 'CD' joint (no dowel in outside 0.8 meters of pavement), 4.5 meters (normal) for 'C' joint.
- ② Optional: 'BT-1' Joint if pavement thickness is less than 200 millimeters. 'KT-2' Joint, if pavement thickness is 200 millimeters or greater.
- ③ Quantities include 150 mm curb.
- ④ Joints will be:
'L-1' or 'BT-1' for T less than 200 millimeters.
'L-2' or 'KT-2' for greater or equal to 200 millimeters.

All dimensions given in millimeters unless noted.

OFFSETS FOR 8.8 m PAVEMENT WITH 150 mm STANDARD CURBS												
Distance From @	0	1.0 m	2.0 m	3.0 m	4.0 m	4.4 m	5.0 m	6.0 m	7.0 m	8.0 m	8.8 m	
Ⓐ	mm	0	20	40	60	80	88	106	136	166	196	220
Ⓑ	mm	0	5	10	15	20	22	19	14	9	4	0

PER STATION DESIGN VALUES FOR (8.8 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 ²	1.369	1.457	1.545	1.633	1.721	1.809	1.897	1.985	2.073	2.161	2.249
Concrete Volume	m ³	136.9	145.7	154.5	163.3	172.1	180.9	189.7	198.5	207.3	216.1	224.9
Surface Area	m ²	880	880	880	880	880	880	880	880	880	880	880

M	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RH-48	
	REVISION: Change note 1 from 1.1 meters to 0.8 meters; change title.	REVISION NO. 5
	 APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 10-18-05
FOUR LANE 8.8 m WIDE P. C. CONCRETE PAVEMENT DIVIDED ROADWAY		