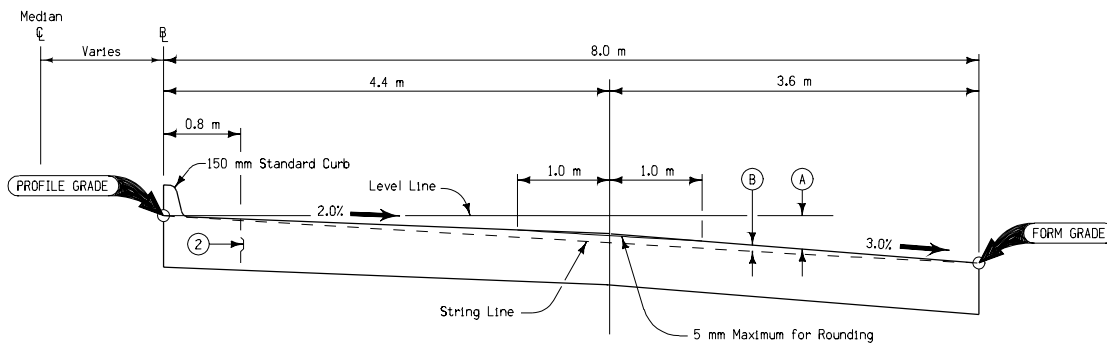


TYPICAL PAVEMENT PLAN



TYPICAL CROSS SECTION

OFFSETS FOR 8.0 m PAVEMENT WITH 150 mm STANDARD CURBS										
Distance From	0 m	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
(A)	mm	0	20	40	60	80	88	106	136	166
(B)	mm	0	5	9	14	18	20	17	11	6

GENERAL NOTES:

Details indicated on this plan are intended to illustrate the general requirements for Two-lane P.C. Concrete Pavements 8 meters in width.

Refer to Standard Road Plans RH-50, 51 and 52 for details of construction of joints in pavement. Transverse Joints will be 'CD' except when 'C' joints are specifically required as a part of detail project plans or when T is less than 200 millimeters.

Normal crown shall be a straight line sloped from the profile grade for the distance and rate indicated. This crown may be varied through superelevated curves and intersection areas where special shaping is required or other areas specifically authorized by the engineer.

The price bid for "Standard or Slip-Form PCC pavement" class and thickness as specified, in square meters, including all required joints, shall be considered full compensation for the construction of pavement as detailed hereon.

- 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 Optional: 'BT-1' Joint if pavement is less than 200 millimeters. 'KT-2' Joint, if pavement thickness is 200 millimeters or greater.
- ③ Quantities include 150 millimeter curb.
- ④ Joints will be:
'L-1' or 'BT-1' for T less than 200 millimeters.
'L-2' or 'KT-2' for T greater or equal to 200 millimeters.

PER STATION DESIGN VALUES FOR (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	1.224	1.304	1.384	1.464	1.544	1.624	1.704	1.784	1.864	1.944	2.024
Concrete Volume	m ³	122.4	130.4	138.4	146.4	154.4	162.4	170.4	178.4	186.4	194.4	202.4
Surface Area	m ²	800	800	800	800	800	800	800	800	800	800	800

All dimensions given in millimeters unless noted.

M	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	
	RH-49	
	REVISION: Remove skewed joints.	
	APPROVED BY: <i>William J. Skan</i> DESIGN/METHODS ENGINEER	
METRIC VERSION	REVISION NO. 4	
	REVISION DATE 04-30-02	
	NON-REINFORCED FOUR LANE 8.0 m P. C. CONCRETE PAVEMENT DIVIDED ROADWAY	