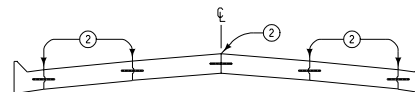
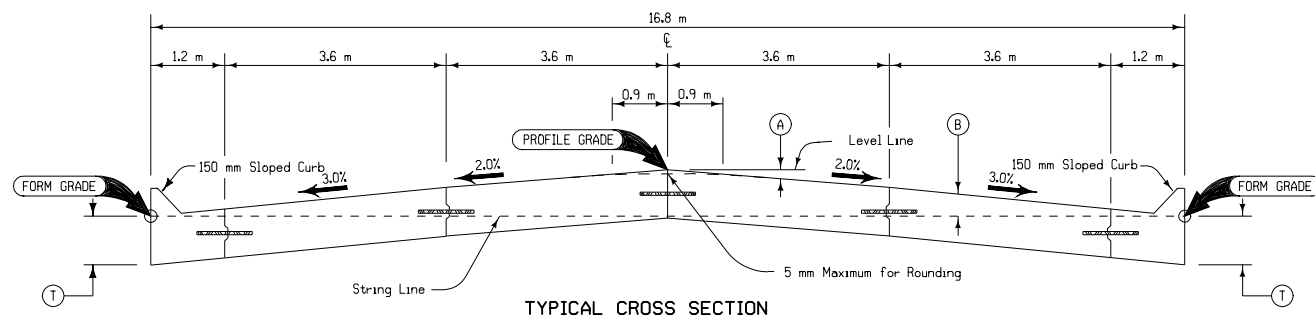


TYPICAL PAVEMENT PLAN



TYPICAL CROSS SECTION OF JOINTING

PER STATION DESIGN VALUES FOR (16.8 m) PAVEMENT SECTION ③						
ITEM	UNIT	T=200	T=230	T=250	T=280	T=300
Section Area	Sq.m	3,411	3,915	4,251	4,755	5,091
Concrete Volume	Cu.m	341.1	391.5	425.1	475.5	509.1
Surface Area	Sq.m	1680	1680	1680	1680	1680



TYPICAL CROSS SECTION

OFFSETS FOR 16.8 m PAVEMENT WITH 150 mm SLOPED CURBS													
Distance From	0	1	2	3	3.6	4	5	6	7.2	8	8.4		
(A)	mm	0	20	40	60	72	84	114	180	204	216		
	m	0	0.02	0.04	0.06	0.072	0.084	0.114	0.18	0.204	0.216		
(B)	mm	216	196	176	156	144	132	102	72	36	12	0	
	m	0.216	0.196	0.176	0.156	0.144	0.132	0.102	0.072	0.036	0.012	0	

GENERAL NOTES:

Details indicated on this plan illustrate the general requirements for Four-Lane P.C. Concrete Pavements 16.8 m in width.

Refer to Standard Road Plans RH-50, 51, and 52 for details of construction of joints in pavement.

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.

Unless specified otherwise in the detail project plans because of staging considerations it is the contractor's option to construct the 16.8 m PCC pavement to fit his construction technique.

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 meters (normal) for 'CD' joint (no outside 1.2 meters of pavement).
- ② All longitudinal contraction joints shall be either 'KT-2' or 'L-2' Joints.
- ③ Quantities include 150 mm Sloped Curb.

METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RH-47C	
	REVISION: Remove skewed joints.	REVISION NO. 1
	APPROVED BY: <i>William J. Stem</i> DESIGN METHODS ENGINEER	REVISION DATE 04-30-02
	FOUR LANE 16.8 m WIDE P. C. CONCRETE PAVEMENT (WITH 150 mm SLOPED CURB)	