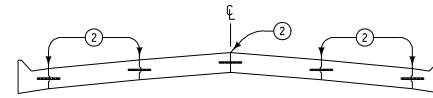
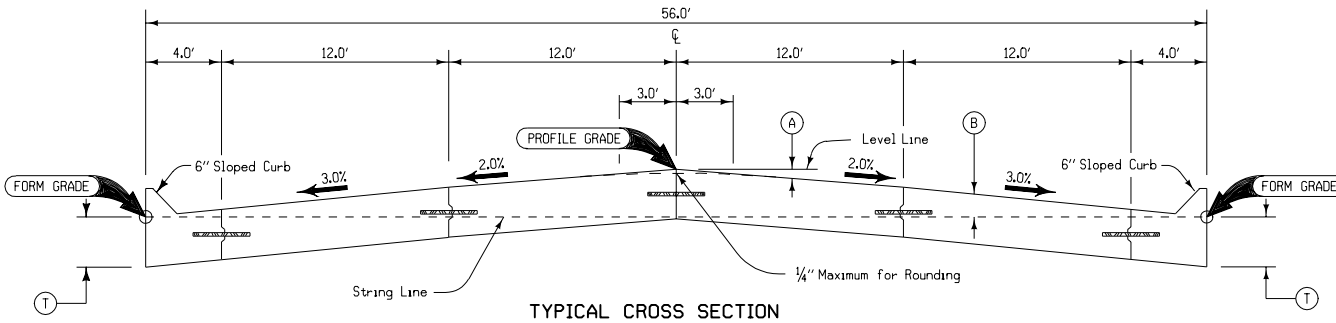


TYPICAL PAVEMENT PLAN



TYPICAL CROSS SECTION OF JOINTING

PER STATION DESIGN VALUES FOR (56' B-B) PAVEMENT SECTION ③						
ITEM	UNIT	T-8"	T-9"	T-10"	T-11"	T-12"
Section Area	Sq. Ft.	37.90	42.57	47.24	51.90	56.57
Concrete Volume	Cu. Yds.	140.38	157.67	174.95	192.23	209.52
Surface Area	Sq. Yds.	622.22	622.22	622.22	622.22	622.22



TYPICAL CROSS SECTION

GENERAL NOTES:

Details indicated on this plan illustrate the general requirements for Four-Lane P.C. Concrete Pavements 56.0' 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 56.0' PCC pavement to fit his construction technique.

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

- ① Transverse joint spacing 20' (normal for 'CD' joint (no dowels in outside 4' of pavement)).
- ② All longitudinal contraction joints shall be either 'KT-2' or 'L-2' Joints.
- ③ Quantities include 6" Sloped Curb.

OFFSETS FOR 56' PAVEMENT WITH 6" SLOPED CURBS																															
Distance From	From	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'	17'	18'	19'	20'	21'	22'	23'	24'	25'	26'	27'	28'	
A	Inches	—	¼	½	¾	⅞	1⅛	1¼	1½	1⅝	1¾	1⅞	2	2⅛	2¼	2⅝	2¾	2⅞	3	3⅛	3¼	3⅝	3¾	3⅞	4	4⅛	4¼	4⅝	4¾	4⅞	5
	Feet	0	.02	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.24	.27	.30	.33	.36	.39	.42	.45	.48	.51	.54	.57	.60	.63	.66	.69	.72	
B	Inches	8⅝	8¾	8⅞	8	7⅞	7⅞	7⅞	6⅞	6¾	6½	6¼	6	5¾	5¾	5⅞	4⅞	4¾	4	3⅞	3¾	2⅞	2½	2¾	1⅞	1⅞	1⅞	¾	¾	00	
	Feet	.72	.70	.68	.66	.64	.62	.60	.58	.56	.54	.52	.50	.48	.45	.42	.39	.36	.33	.30	.27	.24	.21	.18	.15	.12	.09	.06	.03	.00	

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN RH-47C

REVISION: Remove skewed joints. REVISION NO. 1

William J. Sten
APPROVED BY DESIGN METHODS ENGINEER REVISION DATE 04-30-02

FOUR LANE 56' WIDE
P. C. CONCRETE PAVEMENT
(WITH 6" SLOPED CURB)