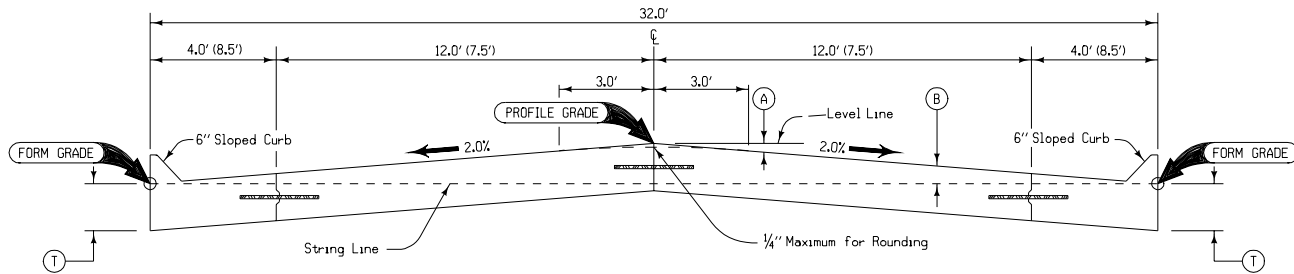


PLAN
 (T) 9 in. or greater

PLAN
 (T) less than 9 in.



CROSS SECTION
 (Dimensions in (##) for (T) less than 9 in.)

Contract Item:
 Standard or Slip-Form PCC Pavement

PER STATION DESIGN VALUES FOR (32' B-B) PAVEMENT SECTION (3)					
ITEM	UNIT	T=6"	T=7"	T=8"	T=10"
Section Area	Sq. Ft.	16.6	19.2	21.9	24.6
Concrete Volume	Cu. Yds.	61.4	71.2	81.1	91.0
Surface Area	Sq. Yds.	355.6	355.6	355.6	355.6

- (1) Transverse Joint spacing 20' (normal) for 'CD' joint (no dowels in outside 3.5' of pavement). 15' (normal) for 'C' joint.
- (2) 'BT-1' or 'L-1' Joint if pavement thickness is less than 8". 'KT-2' or 'L-2' Joint if pavement thickness is 8" or greater.
- (3) Quantities include 6" curb.

OFFSETS FOR 32' PAVEMENT WITH 6" SLOPED CURBS																	
Distance From	0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'	15'	16'
(A) Inches	—	1/4	1/2	3/4	5/8	1 1/8	1 1/8	1 1/4	1 1/4	1 3/8	1 3/8	1 1/2	1 1/2	1 5/8	1 5/8	1 3/4	1 3/4
Feet	0	.02	.04	.06	.08	.10	.12	.14	.16	.18	.20	.22	.24	.26	.28	.30	.32
(B) Inches	3 3/8	3 3/8	3 3/8	3 3/8	2 3/8	2 3/8	2 3/8	2 3/8	2 3/8	1 3/8	1 3/8	1 3/8	1 3/8	5/8	3/4	1/2	1/4
Feet	.32	.30	.28	.26	.24	.22	.20	.18	.16	.14	.12	.10	.08	.06	.04	.02	—

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

Iowa Department of Transportation
 Highway Division

STANDARD ROAD PLAN RH-45C

REVISION: Added quarter point jointing and remove paving options. REVISION NO. 3
 REVISION DATE 10-18-05

William J. Alan
 APPROVED BY DESIGN METHODS ENGINEER

TWO LANE 32' WIDE
 P. C. CONCRETE PAVEMENT
 (WITH 6" SLOPED CURB)