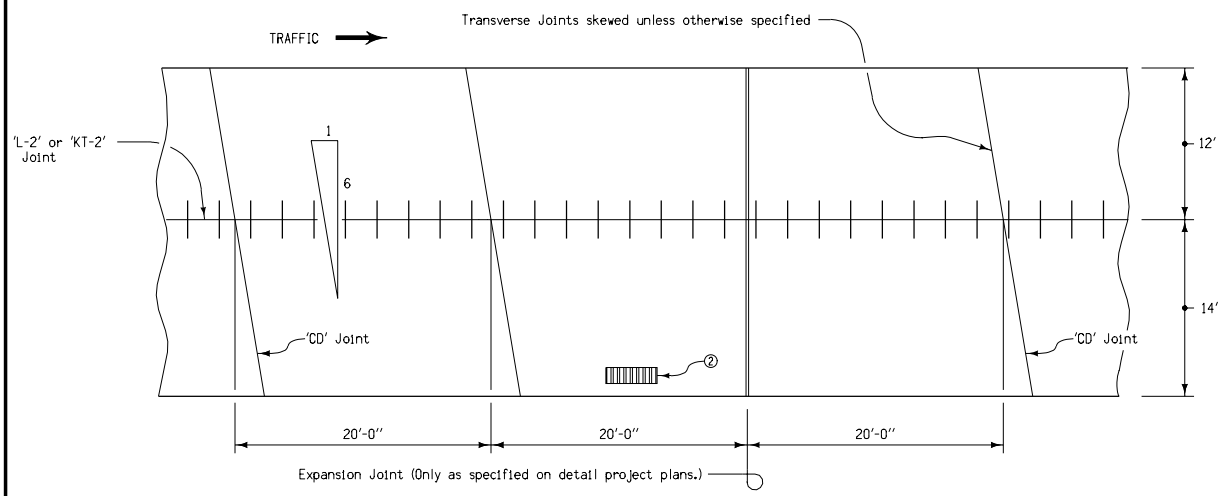
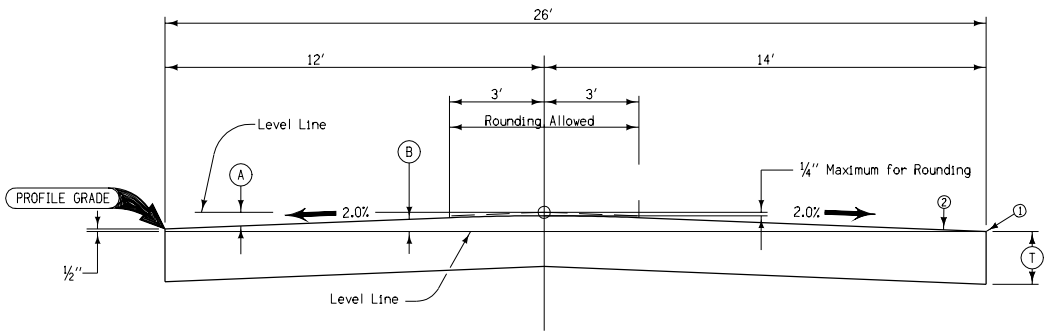


TYPICAL PAVEMENT PLAN



TYPICAL CROSS SECTION

GENERAL NOTES:

Refer to Standard Road Plan RH-50, 51 and 52 for details of construction of joints in pavement. End of day's work joint and joints at bridge approach section shall be constructed perpendicular to center line.

Contract Item:

Standard or Slip-Form PCC pavement

① Edge to a 1/4" radius except when used at interior multiple lane of pavement, then use 1/8" radius edge.

② See Standard Road Plan RH-60 for rumble strip details.

OFFSETS FOR PAVEMENT CROWN																
Distance From ℄		0	1'	2'	3'	4'	5'	6'	7'	8'	9'	10'	11'	12'	13'	14'
Ⓐ	Inches	0	1/4	1/2	3/4	15/16	1 3/16	1 7/16	1 11/16	1 15/16	2 3/16	2 3/8	2 5/8	2 7/8	3 1/8	3 3/8
	Feet	0	0.02	0.04	0.06	0.08	0.10	0.12	0.14	0.16	0.18	0.20	0.22	0.24	0.26	0.28
Ⓑ	Inches	3 5/8	3 1/8	2 7/8	2 5/8	2 3/8	2 3/16	1 15/16	1 11/16	1 7/16	1 3/16	15/16	3/4	1/2	1/4	0
	Feet	0.28	0.26	0.24	0.22	0.20	0.18	0.16	0.14	0.12	0.10	0.08	0.06	0.04	0.02	0.00

PER STATION DESIGN VALUES FOR PAVEMENT SECTION									
WIDTH	ITEM	UNIT	T=9.5"	T=10.0"	T=10.5"	T=11.0"	T=11.5"	T=12.0"	T=12.5"
26'	Section Area	Sq. Ft.	20.583	21.667	22.750	23.833	24.917	26.000	27.083
	Concrete Volume	Cu. Yds.	76.235	80.247	84.259	88.270	92.285	96.296	100.310
	Surface Area	Sq. Yds.	288.889	288.889	288.889	288.889	288.889	288.889	288.889

Iowa Department of Transportation
Highway Division

STANDARD ROAD PLAN | **RH-53**

REVISION: Refer Rumble Strip Detail to RH-60.

REVISION NO. 6

REVISION DATE 10-21-03

William J. Stein
APPROVED BY DESIGN METHODS ENGINEER

FOUR-LANE DIVIDED ROADWAY
26' P.C. CONCRETE PAVEMENT