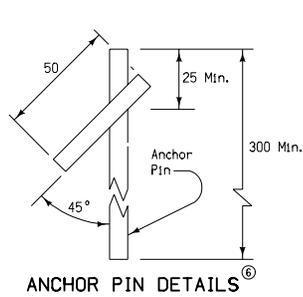
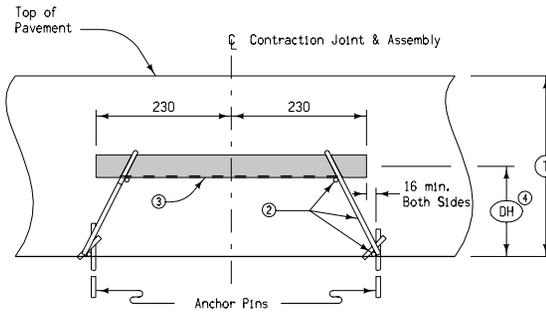


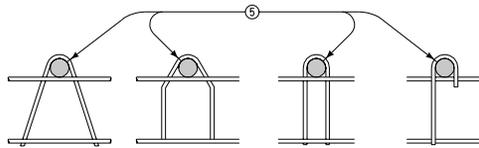
DOWEL HEIGHT AND DIAMETER		
①	DH ④	Diameter (minimum)
180-190 mm	90 mm	19 mm
200-240 mm	110 mm	31 mm
250-290 mm	135 mm	38 mm
300-330 mm	160 mm	38 mm



ANCHOR PIN DETAILS ⑥



LONGITUDINAL SECTION

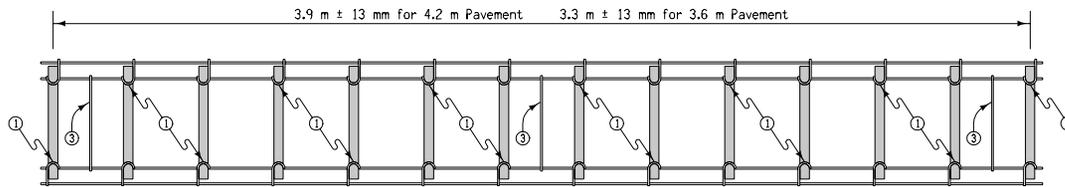


OPTIONAL LEG ASSEMBLIES

Dowel bars shall be 460 mm long with a tolerance of ± 3 mm. The centerline of individual dowels shall be parallel to the other dowels in the assembly within ± 3 mm.

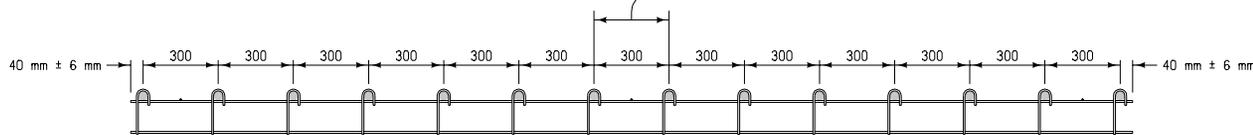
Wire sizes shown are the minimum required, and the wires shall have a minimum tensile strength of 345 MPa.

- ① Weld alternately thru-out.
- ② #1/0 gauge (8 mm diameter) wire.
- ③ (3) #10 gauge (4 mm diameter) wire, tie wire welded or friction fit to top longitudinal wire, both sides.
- ④ Measured from the centerline of dowel bar to bottom of support wire +5 mm.
- ⑤ Diameter of bend around dowel is dowel diameter +3 mm to 5 mm.
- ⑥ Anchor pins shall be #1/0 gauge (8 mm diameter) wire and shall prevent movement of assembly during construction.



PLAN VIEW

Spaces between dowel bars are nominal dimensions with a 6 mm allowable tolerance.



ELEVATION

All dimensions given in millimeters unless noted.

M METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN RH-55	
	REVISION: Show minimum diameters in table.	REVISION NO. 7
	APPROVED BY: <i>William J. Sten</i> DESIGN METHODS ENGINEER	REVISION DATE 04-19-05
FABRICATION DETAILS CONTRACTION JOINT DOWEL ASSEMBLY		