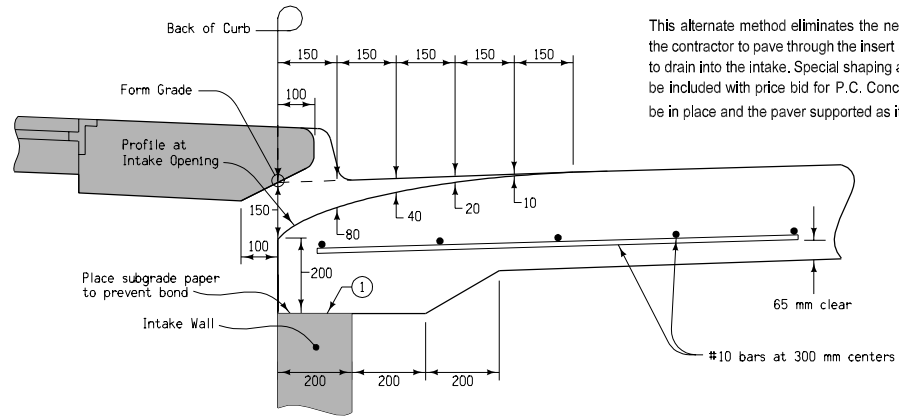
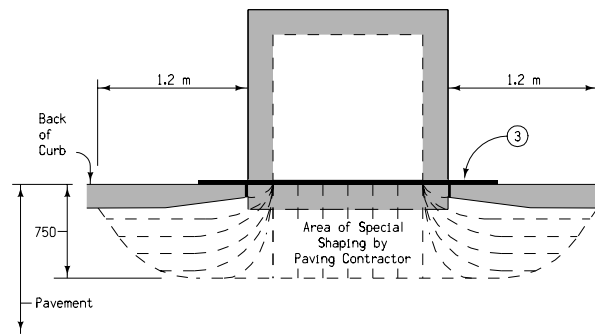


PLAN VIEW



SECTION A-A
(INSERT AREA)

This alternate method eliminates the need for boxouts at intakes. It requires the contractor to pave through the insert area and special shape the pavement to drain into the intake. Special shaping and reinforcement of insert area shall be included with price bid for P.C. Concrete Pavement. The intake well must be in place and the paver supported as it crosses over the intake well.

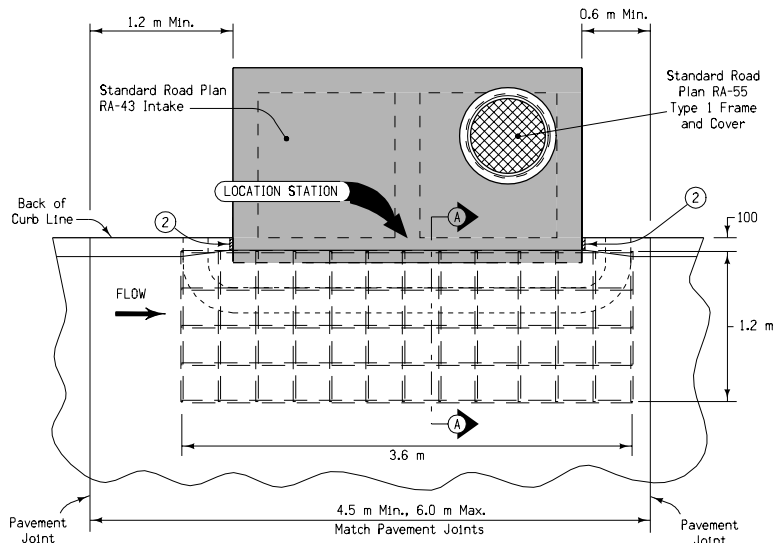


SPECIAL SHAPING of INTAKE THROAT
PLAN VIEW

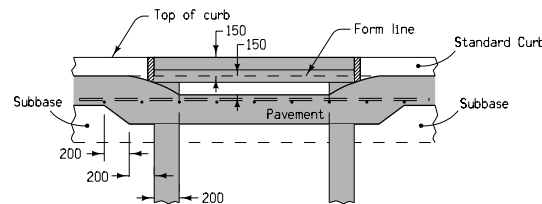
- ① Pavement shall rest on front wall of intake a minimum of 100 mm.
- ② Use a 50 mm thick resilient joint filler between the curb and intake top.
- ③ Form used as a guide for shaping.

REINFORCING BAR LIST

Type	Size	Number of Bars	Length	Mass (kg)
RA-40	10	14	22.8 m	12.8
RA-43	10	18	33.6 m	18.8



PLAN VIEW



SPECIAL SHAPING of INTAKE THROAT
ELEVATION VIEW

All dimensions given in millimeters unless noted.

M METRIC VERSION	Iowa Department of Transportation Highway Division	
	STANDARD ROAD PLAN	RA-71
	REVISION: NEW.	REVISION NO. NEW
	<i>William J. Stein</i> APPROVED BY DESIGN METHODS ENGINEER	REVISION DATE 04-19-05
ALTERNATE CONSTRUCTION METHOD (RA-40 AND RA-43 INTAKE)		