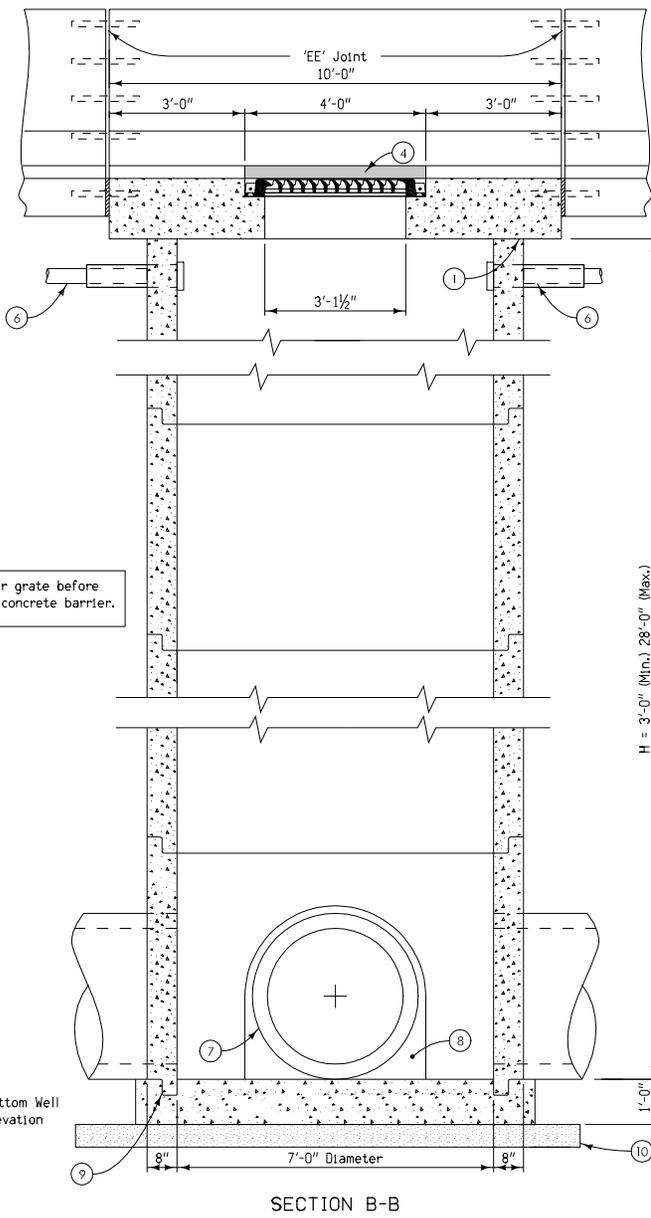
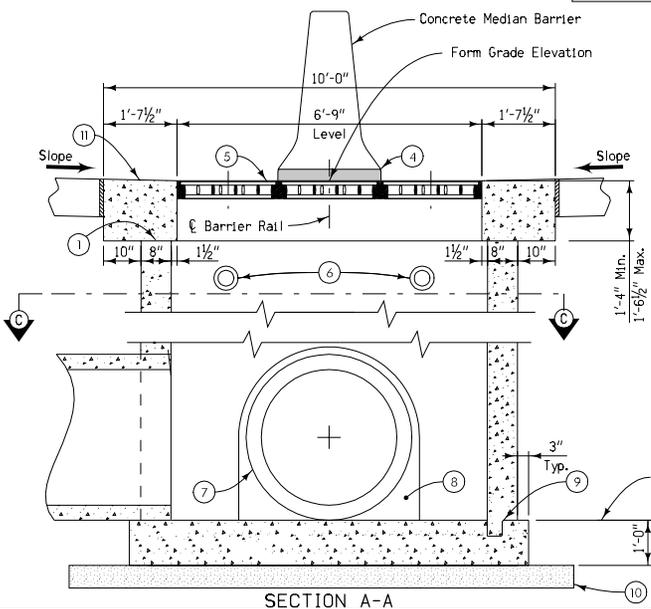


Remove center grate before constructing concrete barrier.



H = 3'-0" (Min.) 28'-0" (Max.)

Steps, when specified, shall meet the requirements of ASTM C478. The top step shall be located a maximum of 28" below the form grade elevation.

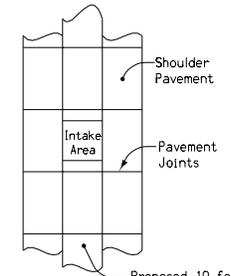
Contract Items:

Barrier Intake, RA-47B

Tabulation: 104-5B

- ① Trowel smooth and place 2 layers of 30 lb roofing felt to prevent bond.
- ② Cast frame into intake top. See Standard Road Plan RA-66D for frame and grate details.
- ③ Bolt intake frames together on both sides with (4) 1/2" x 4" bolts.
- ④ Leave 3" opening through barrier over the intake.
- ⑤ Top elevation of grate shall be 1/4" below Form Grade Elevation.
- ⑥ Possible subdrain. See plans for location and elevation. See Standard Road Plan RF-19C for connection details.
- ⑦ 36" maximum concrete pipe.
- ⑧ Oversized hole for pipe opening to be field grouted. See Standard Road Plan RA-56.
- ⑨ Intake base may be cast in place or precast. If precast, the base and first wall section may be cast separately with a keyway or as one unit.
- ⑩ If intake base is precast, it shall be placed on a 6" bed of sand. This bedding shall be compacted and provide uniform support for the entire area of the base and shall extend 12" outside the edge of the base.
- ⑪ Slope of top shall vary to match adjacent pavement elevation.

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



Proposed 10 foot wide Median Pavement
PAVEMENT JOINT LAYOUT DETAIL

STANDARD ROAD PLAN RA-47B(1)	
REVISION: NEW	REVISION NO. NEW
<i>Deanna Masfield</i>	
APPROVED BY DESIGN METHODS ENGINEER	
	REVISION DATE 04-18-06
TRIPLE GRATE BARRIER INTAKE, CIRCULAR	
(Sheet 1 of 3)	