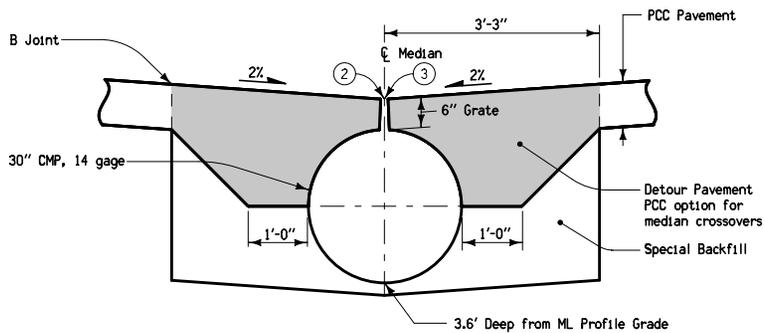
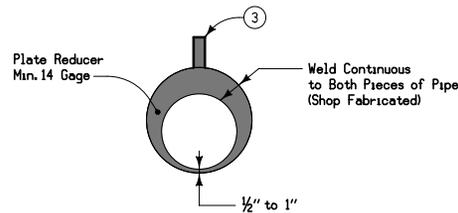


LONGITUDINAL SECTION THROUGH CMP SLOTTED DRAIN ASSEMBLY

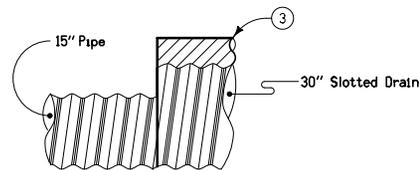
- ① Beveled pipe and guard. See RF-27.
- ② Duct tape or wood block shall be used to cover slotted drain during construction of crossover pavement.
- ③ Slotted grate 6" high x 1-3/4" opening width. The spacer and bearing bars (sides) shall be 3/16" material.



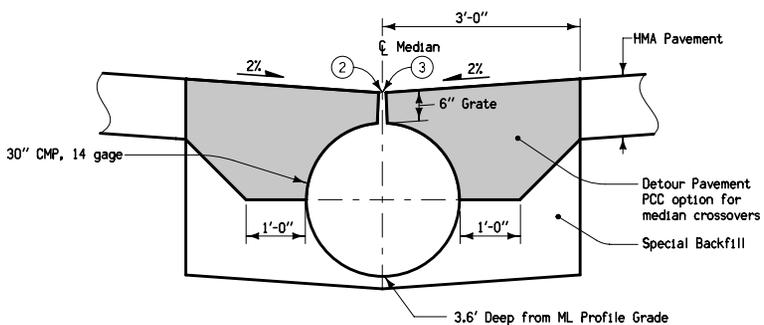
PCC Pavement Situation



END VIEW OF PIPE REDUCER



SIDE VIEW OF PIPE REDUCER



HMA Pavement Situation

Possible Contract Items:

- Culvert, Unclassified Entrance Pipe, 15" Dia.
- Drain, Corrugated Metal Pipe Slotted, 30", w/6" Grate
- Beveled Pipe and Guard
- Detour Pavement
- Special Backfill

TABLE OF QUANTITIES			
Standard Road Plan	RV-12A	RV-13A	RV-14A
Median Width	50'	64'	68.24'
Slotted Pipe Size	30"	30"	30"
(SDL) Slotted Drain Length	115'	102'	102'
(PL) Pipe Length	145'	110'	114'
Bid Items			
30" Corrugated Metal Slotted Pipe Drain w/6" Grate	115'	102'	102'
15" dia. Corrugated Metal Entrance Pipe Culvert	290'	220'	208'

 Iowa Department of Transportation	REVISION
	NEW 10-20-09
	RF-45
STANDARD ROAD PLAN	SHEET 1 of 1

REVISIONS: New. Replaces Detail 500-18.

Deanna Mairfull
APPROVED BY DESIGN METHODS ENGINEER

**SLOTTED DRAIN FOR
MEDIAN CROSSOVERS**