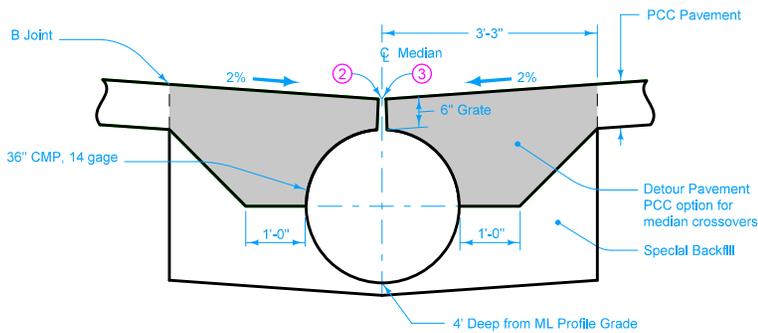
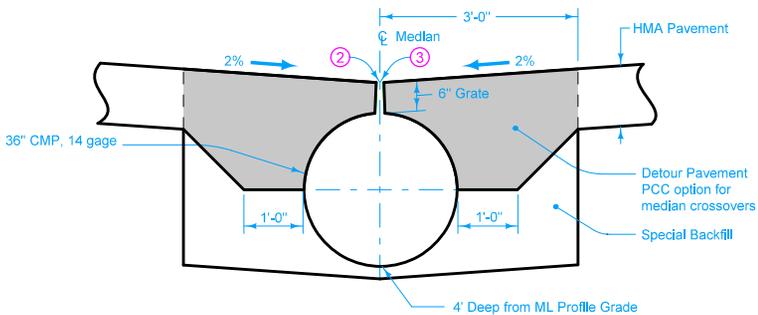


LONGITUDINAL SECTION THROUGH CMP SLOTTED DRAIN ASSEMBLY

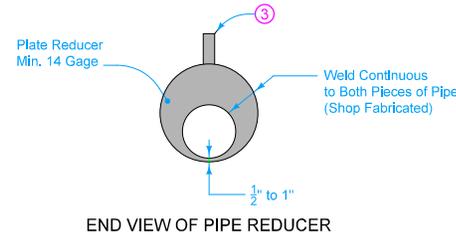
- ① Beveled pipe and guard. See DR-212.
- ② During construction of crossover pavement, cover slotted drain with duct tape or wood block.
- ③ Slotted grate 6 inches high x  $1\frac{1}{2}$  inches opening width. Use  $\frac{3}{16}$  inch material for spacers and bearing bars (sides).



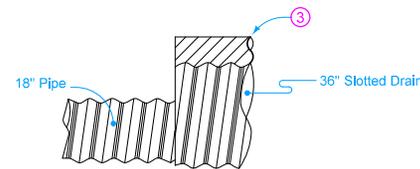
PCC PAVEMENT SITUATION



HMA PAVEMENT SITUATION



END VIEW OF PIPE REDUCER



SIDE VIEW OF PIPE REDUCER

TABLE OF QUANTITIES					
Standard Road Plan	PV-500	PV-503	PV-506	PV-509	PV-512
Median Width	50'	64'	68.24'	82'	100'
③ Slotted Drain Length	116'	110'	110'	102'	94'
① Pipe Length	132'	110'	104'	90'	76'
<b>Bid Items</b>					
36" Corrugated Metal Slotted Pipe Drain w/6" Grate	116'	110'	110'	102'	94'
18" dia. Corrugated Metal Entrance Pipe Culvert	264'	220'	208'	180'	152'

Possible Contract Items:  
 Beveled Pipe and Guard  
 Culvert, Unclassified Entrance Pipe, 18" Dia.  
 Detour Pavement  
 Drain, Corrugated Metal Pipe Slotted, 36", w/6" Grate  
 Special Backfill

Possible Tabulation:  
 112-8

<b>IOWA DOT</b>	REVISION	
	New	04-21-15
<b>STANDARD ROAD PLAN</b>	<b>DR-502</b>	
SHEET 1 of 1		

REVISIONS: New. Replaces RF-45.

*Brian Smith*  
 APPROVED BY DESIGN METHODS ENGINEER

**SLOTTED DRAIN FOR  
 MEDIAN CROSSOVERS**