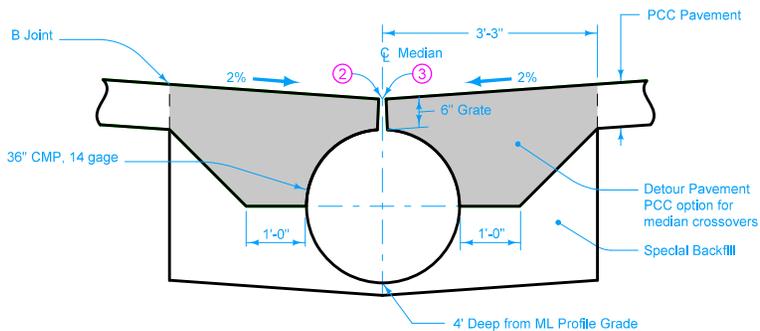
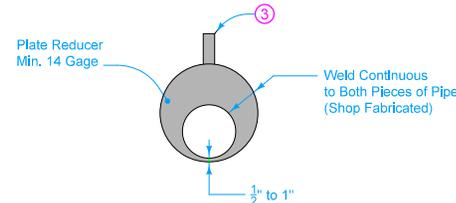


LONGITUDINAL SECTION THROUGH CMP SLOTTED DRAIN ASSEMBLY

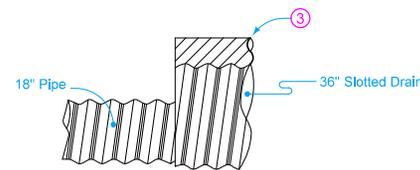
- ① Beveled pipe and guard. See [RF-27](#).
- ② During construction of crossover pavement, cover slotted drain with duct tape or wood block.
- ③ Slotted grate 6 inches high x $1\frac{3}{4}$ inches opening width. Use $\frac{3}{16}$ inch material for spacers and bearing bars (sides).



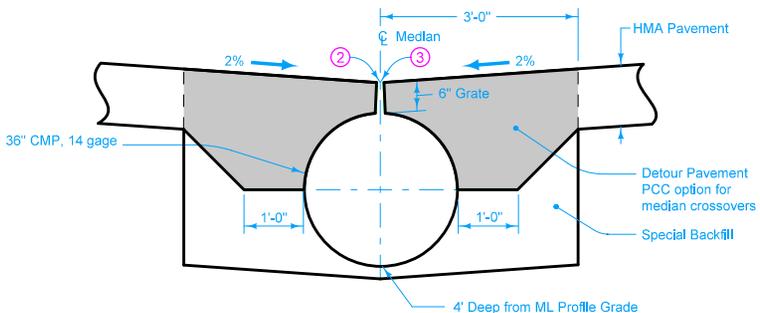
PCC PAVEMENT SITUATION



END VIEW OF PIPE REDUCER



SIDE VIEW OF PIPE REDUCER



HMA PAVEMENT SITUATION

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

TABLE OF QUANTITIES					
Standard Road Plan	PV-500	PV-503	PV-506	PV-509	PV-512
Median Width	50'	64'	68.24'	82'	100'
SDL Slotted Drain Length	116'	110'	110'	102'	94'
PL Pipe Length	132'	110'	104'	90'	76'
Bid Items					
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'

 Iowa Department of Transportation	REVISION
	4 04-15-14
	RF-45
STANDARD ROAD PLAN	SHEET 1 of 1
REVISIONS: Changed Pipe Lengths and added values for PV-509 and PV-512 to Table of Quantities, Extended Beveled Pipe and Guard length from 12' to 14'.	
 APPROVED BY DESIGN METHODS ENGINEER	
SLOTTED DRAIN FOR MEDIAN CROSSOVERS	