

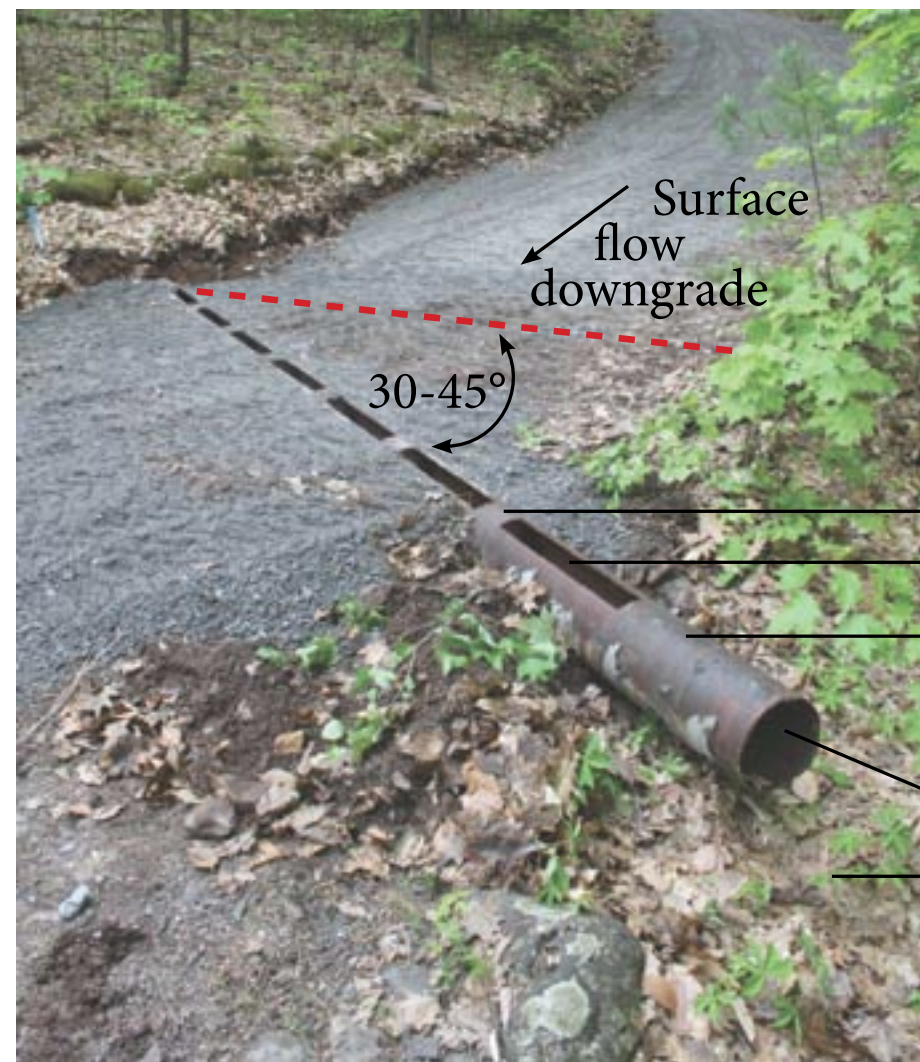


# WATER DIVERSION

## OPEN TOP CULVERT

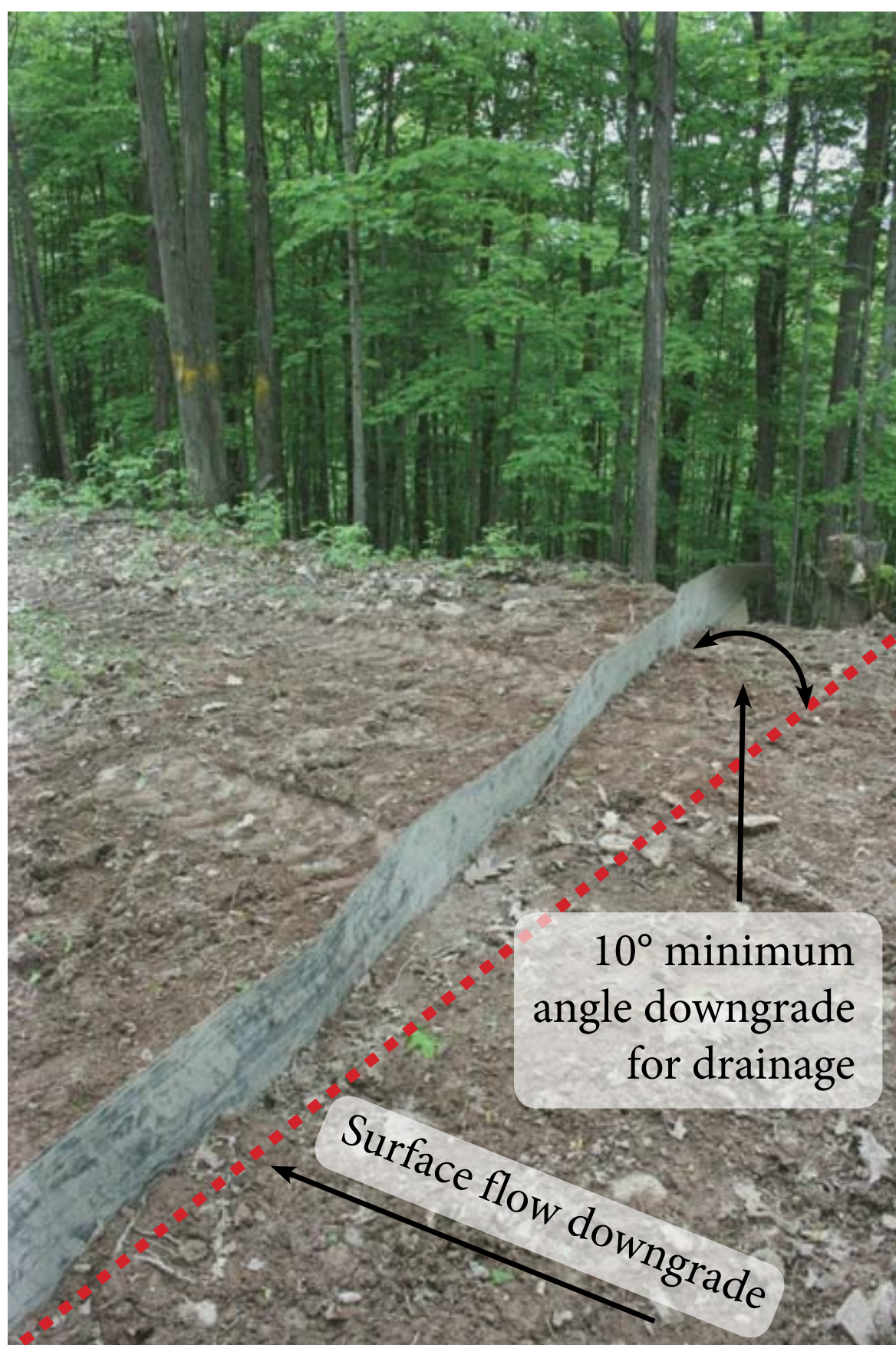
An open top culvert can provide surface drainage of forest roads as well as cross drainage from uphill ditches and small streams. They can be built from casing pipe, treated lumber or even small diameter trees. As with any water diversion, proper spacing, installation and maintenance are critical.

- Install at a 30 - 45 degree angle downslope
- Must extend the entire width of road
- Opening should be flush or just below road grade



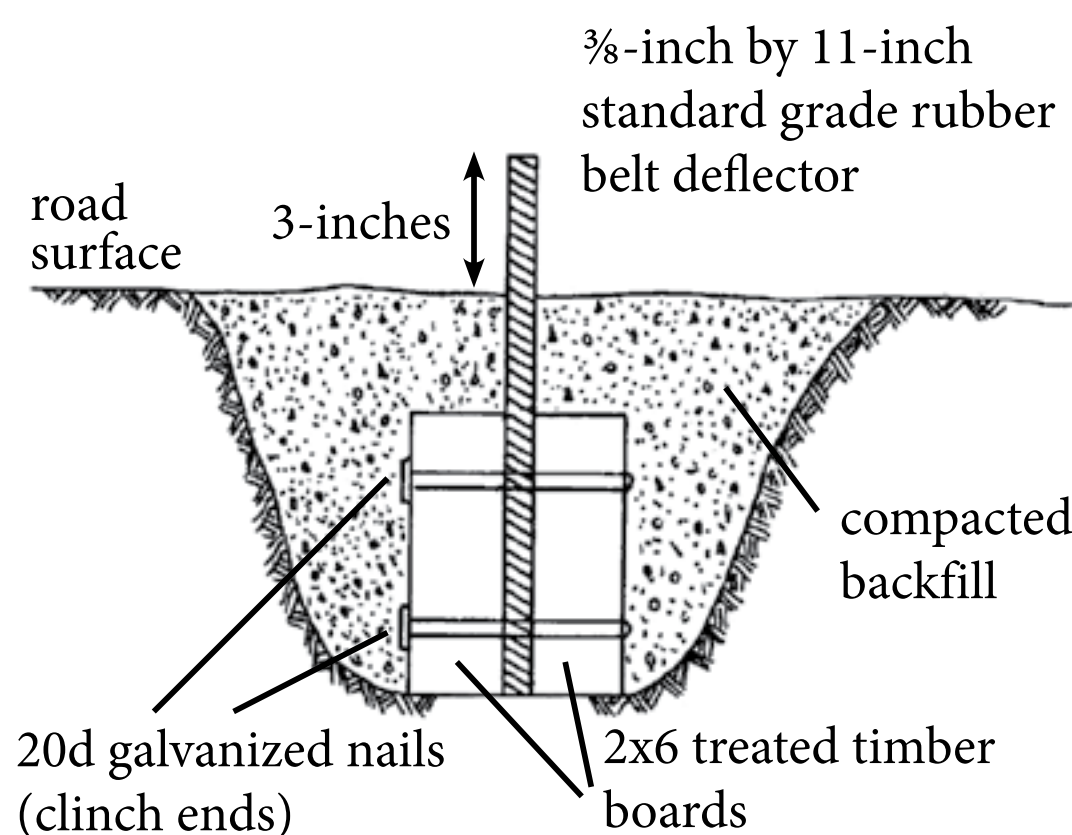
6-inch solid  
24-inch x 3-inch opening  
18-inch solid (at both ends)  
8-inch thick-walled pipe  
Rip-rap

## RUBBER BELT DEFLECTOR



A rubber belt deflector channels water off a forest road and can withstand normal vehicle traffic. They can be built using a piece of rubber conveyor built and two 2" x 6" boards. The deflector is then buried into the road surface so that only the rubber strip is exposed.

- Install at a 10 - 30 degree angle downslope
- Must extend the entire width of road
- Rubber strip should be 3 inches above ground



Slope (percent)	Spacing (feet)
2-4	300-200
5-7	180-160
8-10	150-140