

CULVERT INLET IMPROVEMENT TO EXISTING RURAL CULVERTS BY ADDING LOW COST DROP INLETS

Town of Snowmass Village, Colorado
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Problem Statement:

Old Culvert inlets get covered up, plugged or lost over time.

Discussion of Solution:

By adding a low cost in-house built drop culvert that is durable, heavy rain, run-off and snowmelt will not stand a chance with this system. Also, maintenance is minimal and quick. The Town of Snowmass Road Division designed a Drop Culvert using a sonotube, sackcrete, a steel manhole ring and a 24" slotted lid. The final product allows for the preservation of culvert inlets by adding protection from debris, runoff, rocks, etc.

Labor, Equipment, & Materials Used:

30" Round Sonotube
24" Round Sonotube
Sackcrete
24" Slotted Lid
24" Steel Sewer Riser Ring

Cost:

30" Sonotube: approx. \$1.60 per ft.
24" Sonotube: approx. \$1.40 per ft.
Bags of Sackcrete: \$7.00 per bag
Old Steel Sewer Riser Ring: no cost
24" Slot Cover: \$90.00



