

**DELAWARE COUNTY SECONDARY ROAD DEPARTMENT
POLICY AND PROCEDURE MEMORANDUM**

SUBJECT: Use of cross road culverts for manure handling

Heavy agricultural equipment used to haul animal waste causes severe damage to granular surfaced and paved roads. Much of this hauling is done during the spring thaw and causes loss of rock surfacing, distortion of the road cross section, and inconvenience to neighbors and other road users. Some manure can be pumped through hoses to fields for application, but hoses cannot be set on the road surface. Confinement operators are requesting to run pump hoses through county culverts or to request the county install culverts to accommodate manure handling hoses for land application. The county recognizes that keeping heavy loads generated by manure disposal and land application off of county roads can be a cost and road saving measure for the county.

This policy defines how the county road department will respond to requests for running manure hoses through structures in county rights of way.

General Requirements:

Hoses shall only be in the county right of way during active pumping operations. Hoses are to be removed from the culvert and right of way when not in use. Pumping equipment shall not be allowed within the right of way at any time. Pumping operations shall cease during rainfall and hoses will not be left in culverts during rainfall.

Confinement owner or operator will be required to take every effort to prevent spillage of manure within the county right of way. Confinement owner or operator will have equipment on site to quickly dike any spilled manure and will promptly remove spilled manure from the county right of way and restore the ditch cross section and seeding as needed following cleanup. Confinement owner or operator agrees to use the culvert for manure handling from the permitted site and will refrain from hauling loads manure on the county road from the permitted confinement facility except in minimal amounts that will be defined on the permit.

Confinement owners and land owners shall not run hoses through county road structure culverts without a permit from the county engineer's office.

Non-Drainage Structures:

Adjacent landowners with livestock operations requiring disposal of manure may request that the county place a culvert under a road where it serves no purpose for providing drainage to accommodate a hose to allow pumping of liquid manure. The county engineer or maintenance foreman will review the requested site for the cross road culvert. Placement of the culvert will be based on adequate ditch depth, minimizing the length of run of the manure handling hose within the county right of way, and the convenience of

the property owner. The terms of construction and use of non-drainage structure culverts for pumping manure under roads will be as provided in the permit.

APPROVED:

Bill Skinner, Chairman-Delaware County Board of Supervisors

Mark J. Nahra, Delaware County Engineer

Attachments: