

DATE _____

PERMIT NO: TILE- _____

MUSCATINE COUNTY PRIVATE TILE ROAD CROSSING PERMIT

APPLICANT _____
(Owner or Owners of Record)

ADDRESS _____ PHONE _____

Location of Tile Crossing Site

Township Name _____, Sec _____, Twp _____, Range _____
Road Name _____, Direction of Flow: N S E W Location Flagged: Yes No
Description of work to be completed: _____

The applicant agrees that if granted a permit to install tile crossing, the following stipulations shall govern:

1. The County Engineer may halt the installation at any time if the applicant's work does not meet the requirements set forth in this permit.
2. Areas within the roadway right of way damaged by the installation shall be repaired and restored to at least its former condition by the applicant, or the cost of the repair work caused to be performed by the County will be assessed against the applicant.
3. Necessary permits from other entities (Cities, Railroads, other counties, etc.) must be obtained separately.
4. Drainage must be maintained throughout the performance of the work and no changes in the routing of drainage will be allowed that will alter the flow from its natural drainage way.
5. No obstructions will be allowed in the right of way.
6. Special provisions as stated below and specifications on back of this permit

All owners and contract purchasers of both upstream and downstream lands, and the contractor must sign each application. Applicants hereby grant County temporary right of entry onto lands for construction and maintenance of road crossing installations.

Applicant – Upstream Owner Date

Applicant – Upstream Contract Purchaser Date

Applicant – Downstream Owner Date

Applicant – Downstream Contract Purchaser Date

Contractor Name: _____
Company Name

Contractor Representative Date

***** FOR COUNTY OFFICE USE ONLY *****

Nearest Intersection _____, Distance from _____

Size, length, and type of tile crossing placed _____

Special Provisions: _____

LOCATION APPROVED BY _____

DATE _____

CONSTRUCTION APPROVED BY _____

DATE _____

CROSSING GRANTED BY _____

DATE _____

Muscatine County Engineer

Inlet

Outlet

Latitude: _____
Longitude: _____

Latitude: _____
Longitude: _____

MUSCATINE COUNTY
PRIVATE TILE ROAD CROSSING SPECIFICATIONS

1. These specifications shall govern the construction and future maintenance of approved subsurface conduit, which carry strictly private agricultural field tile waters from right-of-way line to right-of-way line on all secondary roads within Muscatine County.
2. Road crossing requests for tile with only intermittent flow and a suitable surface outlet will be at the expense of the applicant.
3. The cost of any connections at the right-of-way line is the responsibility of the applicant.
4. Before a road crossing installation will be made, abutting property owners, plus any contract purchasers of record (not tenants, etc.) must all agree to allow upstream waters to be connected and discharged into existing downstream field tiles by a contiguous connection at said crossing location. Upon written consent by all parties, Muscatine County will consider approval of the installation of a road crossing tile from right-of-way line to right-of-way line when field tile exist both at the upper and lower right-of-way lines.
5. Road crossing installations may be performed prior to the existence of both tile lines if in the opinion of the Engineer the remaining work will be completed in a reasonable time. Road crossings of tile lines will be nearly perpendicular to centerline of roadway to result in shortest crossing length possible. County will provide road crossing only to the extent of achieving a suitable outlet. Additional road crossings within same watershed shall be full responsibility of applicants.
6. Crossings on all hard-surfaced roads shall be bored underneath the traveled portion of the roadway. The Engineer shall at his discretion have the option of requiring boring of granular surfaced roads.
7. Intake installations, which are not necessary to drain the roadway, shall be installed outside the right-of-way line.
8. When downstream field tile do not exist, upstream field tile may be outletted at the upstream right-of-way line. Said outlet shall not materially extend beyond said right-of-way line. Necessary excavation to provide drainage from said right-of-way line to the nearest roadway culvert or bridge shall be the responsibility of the applicant and so shall all future maintenance of said outlet. County authorization must be obtained from the County Engineer prior to outletting any field tile waters into public right-of-way.
9. Tile shall have a minimum of 2.0 feet of cover in road ditches and tile outletting in the road ditch shall have at least 1.0 feet of outfall.
- 10. Iowa One Call must be contacted in advance of any excavation within public right-of-way.**
11. All work activities within public right-of-way shall be identified by proper traffic control devices. All traffic control devices, procedures, and layouts shall be as per Part VI of the Manual of Uniform Traffic Control Devices (MUTCD) Revision 3, Dated September 3, 1993. Both the Applicant and his Contractor shall be responsible for the traffic control.
12. The County shall not be responsible for crop or fence damages associated with any private field tile crossing installation. Applicants shall provide necessary fence openings and adequate work area to accomplish said installation.
13. Private contractors working within public right-of-way must first obtain authorization from the County Engineer and provide the County with a current Certificate of Insurance, naming Muscatine County as the insured party.
14. Muscatine County, not the applicant, shall have the **option** of doing said work or making arrangements for a private contractor to do the work.
15. Crossings or outlets requested on joint city, county, or state roadways must be handled as a special request between all parties involved.
16. Tiling applications must be fully completed by the applicant and filed with the County Engineer at least 2 weeks in advance of any planned crossing activity.
17. Muscatine County shall be given 48 hours advance notice of any proposed excavation activity within public right-of-way by private contractors when so approved by the County Engineer.
18. The applicant and/or private contractor shall indemnify and save harmless Muscatine County from any and all liability arising out of the actual tile line crossing installation.
19. **Granular Surfaced Road (open trench installation):** Before digging the trench, the contractor shall salvage as much road surfacing as possible. After installation of the tile crossing, the contractor shall compact the backfill as it is replaced and place the salvaged road surfacing on the road. The finished road surface shall be left in a smooth, safe condition for the traveling public.
20. **Paved Roads (bored, jacked or drilled installation):** A rigid conduit meeting the County Engineer's requirements shall be placed from toe to toe of the foreslopes on the roadway.
21. The crossing pipe shall be a Schedule 80 PVC Pipe or approved equivalent, a minimum of 8 inch diameter or larger, adequate to handle the tiling capacity of the entire watershed above the road crossing. Muscatine County will not pay for additional crossings if requested in the same watershed.