

OFFICE USE ONLY
 AMOUNT PAID _____
 CHECK # _____
 TO BE INVOICED _____
 PERMIT# _____

LORAIN COUNTY ENGINEER'S OFFICE
 247 HADAWAY STREET
 ELYRIA, OHIO 44035

REVISED 9/27/2023
 ELYRIA: 440-329-5590
 440-329-5000 option 6

DITCH ENCLOSURE PERMIT APPLICATION

Section 5543.16 of the Ohio Revised Code: Construction and Repair of Approaches and Driveways Costs. The owners of land shall construct and keep in repair all approaches or driveways from the public roads, under the direction of the County Engineer.

OWNER'S NAME _____

ADDRESS _____

CITY/ZIP _____ TELEPHONE _____

Proposed Ditch enclosure to be located and constructed with the Right-of-Way of _____

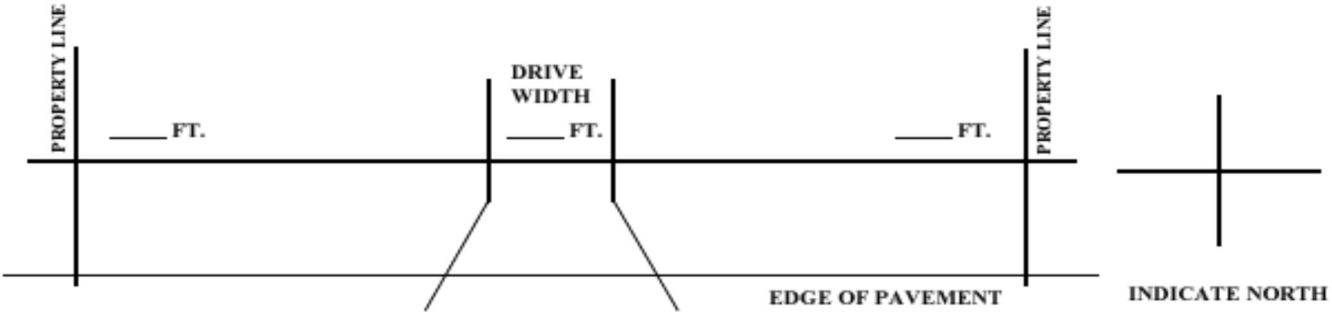
Road in _____ Township along N__ S__ E__ W__ side of the road _____ miles (feet)

N__ S__ E__ W__ of the _____ intersection

Length of proposed ditch enclosure: _____

Said owner _____ shall at all times protect and save harmless Lorain County from any and all claims arising in any manner from the construction and maintenance of said ditch enclosure. Owner shall be responsible for locating and marking all pipe and tiles entering roadside ditch with wooden stakes.

SIGNATURE _____ DATE _____



Show in sketch where proposed ditch enclosure will be located in relation to property lines, right-of-way and driveway. Show all inlets, fittings, etc.

LIST OF MATERIALS

Fill out all but the list of material

- Following the purchase of pipe by owner, please contact the Lorain County Garage at 326-5880 when the pipe is delivered to schedule the installation of the pipe. The County will furnish pipe cover as available. Final grading, top soil, mulch, and seeding to be done by property owner.
- Minimum diameter of pipe: 12 inch (may be larger)
- The pipe is to be purchased by owner only upon receipt of signed permit from the Lorain County Engineer's Office.

All Ditch Permits are subject to a \$50 fee. Checks or Money Orders accepted, payable to "Lorain County Engineer's Office".

LCE ROADSIDE DITCH POLICY

The Lorain County Engineer's office usually prefers open channels such as swales or ditches along roads because of better drainage capacity, slower flow velocity, water quality benefits, and economy -- in comparison to pipes or tiles.

Our investigations indicate that some drainage problems are caused by ditch enclosures; and that the best solution is often to restore the original open ditch!

Any ditch enclosure with a tile or pipe should be designed by a professional engineer in accordance with the Lorain County "Storm Water Conveyance Design Criteria" rules that can be found on pages 25-27 at

<https://stormwater.loraincounty.us/platform/cms/LCSWMD%20Comprehensive%20Storm%20Water%20Management%20Rules%20191030.pdf>

Any ditch enclosure with a tile or pipe should be constructed and installed in accordance with good construction practices, as shown on our attached detail for County roads (Exhibit A). Note that the detail requires a minimum 12" drop-off from the edge of the road for proper drainage, which can only be accomplished with a sufficiently deep pipe. Many roadside ditches are not sufficiently deep to be properly enclosed.

Permits are required for driveway pipes and ditch enclosures on County roads; Check with your local Township officials whether a local permit is required.



**LORAIN COUNTY ENGINEER
ROADSIDE DITCH POLICY**

1. Curtain drains, tiles from low areas, foundation drains, downspouts, etc. are permitted to discharge into the county maintained roadside ditch provided that they are part of the watershed currently being conveyed.
2. Roadside ditch cleaning will be done only to benefit the road and roadway drainage. Requests for cleaning by the property owners will be entertained only if the work will result in a benefit to the roadside drainage.
3. Ditch enclosures will be permitted only if adequate roadside drainage is maintained after the improvement is constructed. In general, existing roadside ditches must be a minimum of 36" below the edge of the pavement or 36" below backside of ditch, whichever side is at a lower elevation, to qualify for a ditch enclosure (See Exhibit A). Labor and granular backfill will be provided by the Lorain County Engineer's Office. Approved conduit and risers are the responsibility of the property owner.

[Signature]
APPROVED
12/7/16
DATE

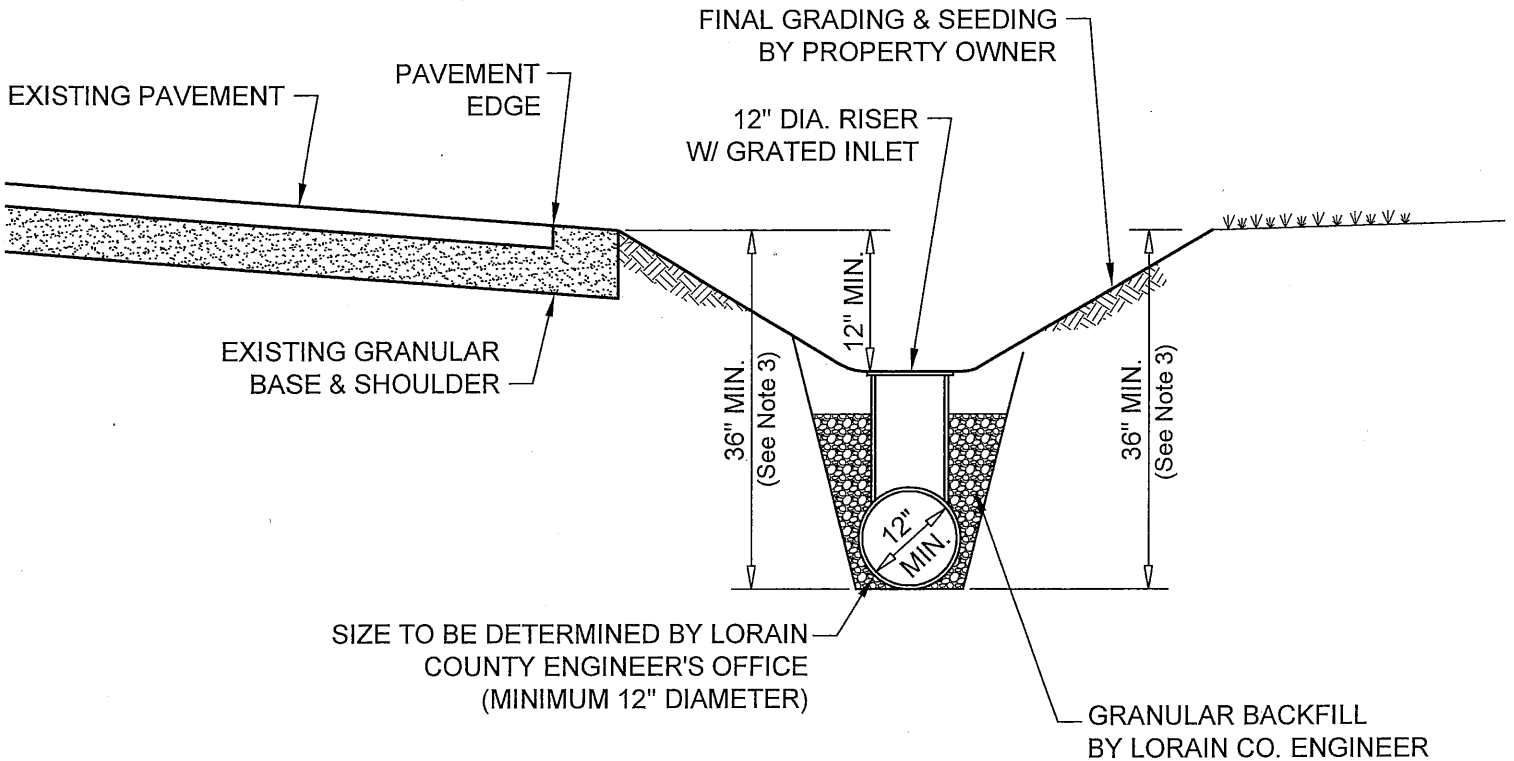


EXHIBIT A