



Van Buren County Engineer
20554 Highway 1 P.O. Box 494 Keosauqua, IA 52565
Phone: 319-293-3663 E-mail: vbcoeng@netins.net Fax: 319-293-6222

Driveway Construction Specifications

Section 319.14 of the Iowa Code requires that permits be acquired from Van Buren County prior to making physical alterations within County road right-of-way. A person or business desiring to install a new or modify an existing driveway entrance shall file an application with the Van Buren County Highway Department identifying the location where it is proposed. The County Engineer or their designee will review the proposed entrance site and the application to determine if it complies with the requirements of County policy. If the site satisfies all criteria, the County Engineer shall issue a permit and determine the culvert diameter, if required. If the proposed location fails to meet one or more requirements, the County Engineer may reject the application explaining the reason for the rejection and advising of what changes are required to obtain approval.

Location

No driveway shall be constructed within 100' of an intersection or another driveway.

Driveways shall be located meeting the minimum sight distance required as indicated on the driveway detail sheet. Sight distance shall be checked by the County Engineer or their designee prior to the construction of the driveway.

One entrance per 40-acre parcel or residential parcel shall be permitted. Two entrances to a 40-acre parcel may be permitted with one entrance being for residential access and the second being for field access. Additional accesses may be permitted by the County Engineer upon the receipt and review of justification of need; example being a natural barrier which restricts the full use of the parcel.

Safety

The party constructing a driveway in County right-of-way shall request a utility locate by Iowa One Call as required by law. The party constructing the driveway shall be responsible for completing the construction in a safe manner and providing appropriate traffic control when working near the roadway. Traffic control shall not be in place when work is not occurring.

Construction

The applicant must receive approval from the County Engineer or their designee prior to construction. Please allow 14 days from the date of application for approval. If approval has not been received after 14 days, the applicant should make inquiry to the County Engineer.

Width, Grade and side slopes: Driveway grade and side slopes shall be constructed as per the driveway detail sheet. Unless otherwise approved by the County Engineer.

Culvert: Where necessary a culvert shall be installed with a minimum size specified by the County Engineer or their designee. Culverts may be CMP, RCP or Dual Wall HDPE with the appropriate bedding, backfill and cover. HDPE shall only be used in locations where ditch burning will not occur. Culverts shall be installed in the bottom of the ditch and shall match the slope of the ditch. Culverts shall be properly bedded and backfilled. When available, CMP culverts may be purchased for use in County right-of-way from Van Buren County at cost +10% for handling.

Fill: Existing topsoil and vegetation shall be removed from the location of the driveway construction prior to the placement of fill material. The application is responsible for providing appropriate fill material. Fill material for the construction of the driveway shall be clay or dirt free of deleterious materials. No material shall be excavated from the ditch or roadway slopes without prior approval from the County Engineer.

Surfacing: All driveways adjoining a paved road shall have a minimum of 4-inches of either Class A Roadstone or Modified subbase as a surface. Driveways adjoining a paved road may be paved with either asphalt or concrete; however, the County shall bear no responsibility for the maintenance or replacement of the paved surface in the event of disturbance by the County due to maintenance or construction activities. Driveways adjoining a gravel road that serve a site with structures shall have a minimum of 4-inches of either Class A Roadstone or Modified subbase as a surface. No stone larger than 1 ¼" shall be used within the County right-of-way. Field entrances adjoining gravel roads may be surfaced or unsurfaced.

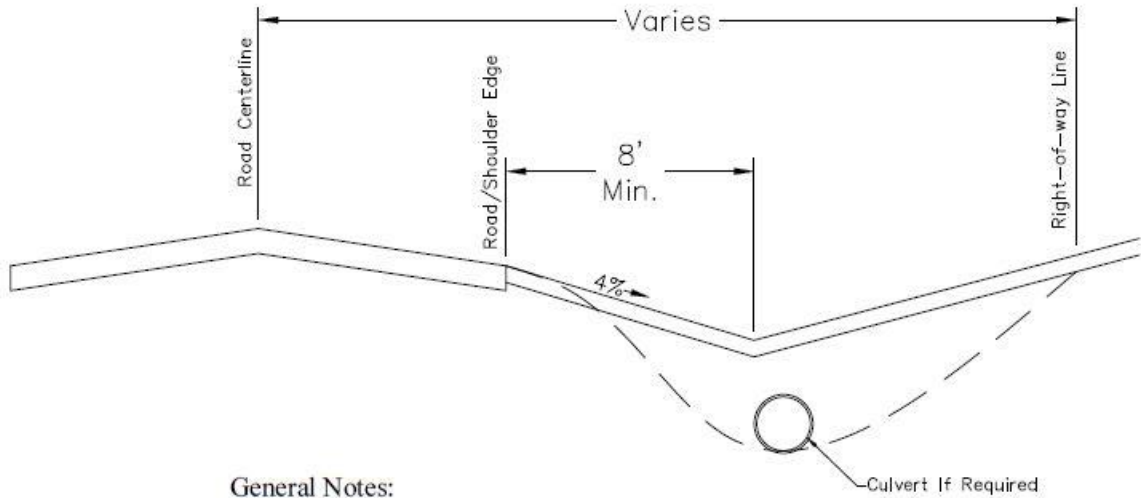
Final Inspection

Upon the completion of the construction of the driveway the property owner or contractor shall notify the County Engineer's office of the completion. The County Engineer or their designee shall then review the construction for compliance with the permit, these specifications and driveway detail sheet. The property owner or contractor will be notified of the findings. If the installation is found to not comply with the aforementioned requirements the property owner or contractor will be notified of the failings and will have 30 days to make the necessary corrections; if corrections are not made the County will remove the installation at the property owner's expense.

Driveway Repair and Maintenance

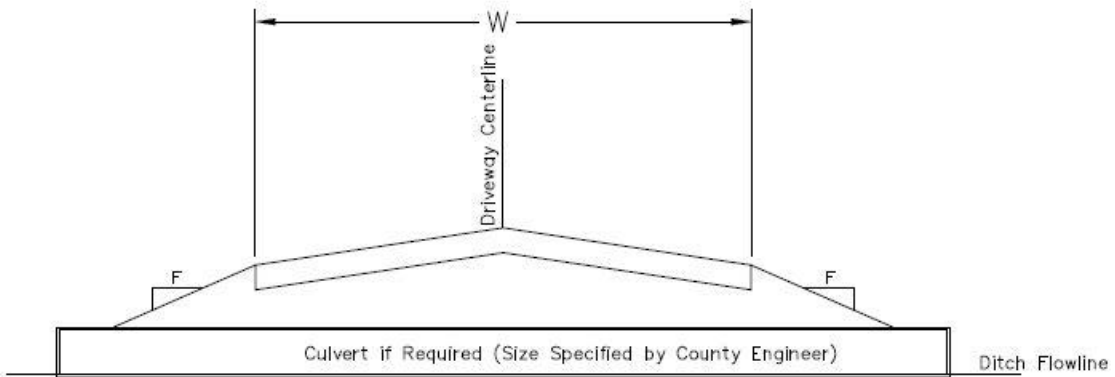
Van Buren County assumes no responsibility for the construction, repair or maintenance of any private driveway including surfacing or culvert. If it becomes evident that there is a problem requiring maintenance with a private driveway the property owner shall be notified of the issue by mail and will have 30 days to correct the issue. Failure to correct the issue will result in the County correcting the issue at the property owners expense.

DRIVEWAY LAYOUT DETAILS



General Notes:

Driveway shall be graded and crowned to prevent runoff from entering the roadway.



Driveway Surface Width (W) Requirements		
Entrance Type	W (Minimum)	W (Maximum)
Residential	16	24
Residential Ag/Field Entrance	20	40
Commercial/Industrial	30	40

Required Driveway Foreslope (F)	
Road Type	F
Paved Road Culvert	6:1
Paved Road Dry Fill	10:1
Gravel or Level B/C	3:1

Required Stopping Sight Distance	
Road Type	Distance (Feet)
Paved Road	600
Gravel Road	500
Level B/C Road	250

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Date: 7/1/19