

TOWN OF CHRISTIANA

PERMIT FOR HORIZONTAL DRILLING TOWN RIGHT OF WAY

Request by Applicant: _____ **Date:** _____

Name: _____

Address: _____

Email address: _____ Office phone _____

Contractor: _____

Address: _____

Email address: _____ Office phone _____

Type of Installation _____

Plans Prepared By: _____ **Three sets of plans required.**

Location is underground.

Proposed Method of Installation - Horizontal directional drilling (HDD)

Estimated starting Date: _____ **Estimated Restoration Date:** _____

The Applicant understands and agrees that the permitted work shall comply with all permit provisions and conditions listed, attached or included herein and the Special Conditions attached hereto and made a part thereof.

BY _____ Title _____
(Signature of Authorized Representative) Date _____

Permit Approved By Town Authority

The foregoing application is hereby approved and permit issued by Town of Christiana subject to full compliance by the Applicant with all provisions.

Application fee required: \$500.00

Paid by: **cash** **check** **check #** _____

Cash Deposit: \$10,000.00

(Refund of deposit after 1 year of restoration completion.)

Approved by _____ **Date** _____

SPECIAL CONDITIONS

In addition to any further requirements and/or restrictions of the Town based upon the review of the project plans submitted, Applicant agrees to the following:

1. Applicant shall use modern tracking equipment to ensure the pilot hole follows the designed path precisely. Potholing can be used to verify the location of the bore and avoid any potential conflicts with existing infrastructure.
2. Applicant shall maintain proper drilling mud pressure and flow to prevent instability and ensure the integrity of the borehole.
3. Applicant shall install a casing to protect the bore, especially in unstable ground. Grouting between the casing and the borehole helps to ensure stability and prevent ground settlement.
4. Applicant shall expand the borehole to the necessary size to accommodate the cable duct or conduit.
5. Applicant shall install the cable within the duct or conduit, ensuring proper support and protection.
6. Applicant shall backfill the area around the casing with appropriate materials and compact them properly to restore the ground to its original condition.
7. Prior to commencement of any work associated with the project, Applicant shall delineate the limits of the project boundaries on both sides of the paved road by clearly marking such boundaries in a manner acceptable to the Town.
8. Applicant shall contact the designated Town representative immediately prior to commencement of the work so as to allow the Town to photograph the project area.
9. Applicant shall contact the Town representative immediately upon completion of the work so as to allow the Town to photograph the project area.
10. Applicant shall restore the surface of the road to its original condition, including paving, sealing, and signage and shall restore the project area with turf grass seed and mulch and shall maintain the seeded area until proper growth is established. This may require the use of specialized equipment or techniques.
11. Applicant shall adhere to all applicable safety regulations and standards, including those related to working near roadways and underground utilities.
12. Minimum Depth Considerations: A minimum depth of 800mm (approximately 2.6 feet) below the road surface is required to protect the cable from traffic loads and vehicle impacts.
13. The angle of the bore should be as close to a right angle to the road centerline as possible to minimize the risk of damage to the road surface.
14. Effective traffic management plans shall be implemented to ensure the safety of workers and the public during the boring operation.