DISTRICT: _____

ARW #:_____
PERMIT FEE $25.00:_____
ISSUED: _____ EXPIRES: _____

COUNTY HIGHWAY DEPARTMENT
CONSTRUCTION IN COUNTY RIGHT-OF-WAY PERMIT

Billings County, North Dakota
TAX EQUALIZATION & ZONING OFFICE
PHONE: (701) 623.4810 • FAX: (701) 623.4761
495 4TH STREET • PO BOX 247 - MEDORA, ND 58645-0247
stswanson@nd.gov
jpemberton@nd.gov

The Board of Billings County Commissioners, in the state of North Dakota, hereby grant permission

to _____ to place, construct and thereafter maintain an approved access road at the

following location(s): Section: _____ Township: _____ Range _____ along county road

_____.

This permit is for the ☐ construction of a new approach ☐ improvement of an existing approach.

☐ other construction within the county right-of-way

1. Above ground fixtures shall be located off the road right-of-way or on the right-of-way line.
2. All trenches and other excavations shall be carefully backfilled in such a manner as to eliminate settlement, and the surface of the ground shall be returned to its original condition.
3. All approaches shall be built at an 8:1 slope or a minimum of a 6:1 slope with a minimum radius of 50 feet. (50')
4. All pipe shall have end sections.
5. It is understood and agreed that Billings County will not be liable for any costs in connection with the future required relocation of the road improvement.
6. All abandoned approaches/roads shall be reclaimed to its original state at the cost of the applicant and/or its successors.
7. Installation, maintenance, relocation, and removal of said approach on county right-of-way shall be done in a manner satisfactory to, and subject to supervision by the County Road Foreman of the District where construction is to take place.
8. Billings County shall not be liable for damage to said approach resulting from reconstruction or maintenance of the right-of-way. Applicant and/or its successors shall hold the County harmless for injury to persons or damage to property resulting from the location of said approach on county right-of-way. Applicant and/or its successors are responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities on any existing road or section line in Billings County. Furthermore, the applicant and/or its successors agree to indemnify and hold harmless Billings County for any and all claims of damage, either personal injury or property or any type of claim for damages of any nature whatsoever, whether valid or invalid, that is made against Billings County on account of the activities conducted by the applying company and/or its successors on the construction of said approach.

9. Applicant and/or its successors shall promptly remove said approach from county right-of-way or shall relocate or adjust said approach, at its sole cost and expense when requested to do so by the County. When the applying company and/or its successors uses an existing road or section line easement, the applying company shall be responsible to pay for all costs of moving, relocating, or reconstructing the said approach, should Billings County deem it necessary or advisable, in its sole discretion, to repair or reconstruct existing roads or to build new roads on section lines or off section lines as allowed by North Dakota State law. Should the applicant and/or its successors fail to take necessary steps to relocate, or reconstruct its approach, the county may take steps to have the same accomplished, and the applying company agrees to reimburse the county for all expenses incurred by Billings County in moving, relocating or reconstruction of the approach so the existing roads may be repaired or reconstructed, or new roads may be built on the section line or off the section line as allowed by North Dakota law.

10. If at any time Billings County wants to excavate in this area and if it should require the said approach to be moved, it will be at the expense of the applying company and/or its successors.

11. Applicant and/or its successors shall repair or replace highway structures and appurtenances, and any existing facilities located on, over or under highway right-of-way, which may be damaged as a result of the installation and maintenance of said approach on highway right-of-way.

12. A GPS'd drawing of proposed location must be placed on file with Billing County Auditor and must show at a minimum:
    - The location of the proposed facility from a section or quarter line, section, township and range where the said approach will be placed.
    - Existing Road(s)
    - Proposed Access Road with the location of the approach clearly marked.

13. During construction or when encroaching upon a public roadway the applicant is required to provide proper signage such as "Roadwork Ahead or Equipment Working."

14. All permits are valid for one year upon approval by the County Commissioners

Before Commencement of construction, the applicant must meet with the road foreman from the district in which construction shall take place.

Applicant (Representative, Company)_____

Applicant Address (Address, City, State, Zip)_____

Phone Number(s) of Applicant _____ Fax _____

Email _____

AUTHORIZED SIGNATURE _____ **TITLE**_____

PERMIT FEE: $25.00 (Make check(s) payable to Billings County)

BILLINGS COUNTY
Design Standards on County Major Collectors and Local Roads for New or Reconstruction of Existing Infrastructure

	County Major Collectors (CMC) "On-System"	Local Roads (County) "Off-System"	Local Roads (Township) "Off-System"	Local Roads (Other) "Off-System" (1.)
Bridge Width (Clear Roadway) – Min. is 28 ft	28′	28′	N/A	16′
Storm Design Frequency (Bridges)*	25 Yr.	15 Yr.	N/A	15 Yr.
Design Loading (Bridges) – Min. is HS-25	HL-93	HL-93	N/A	HL-93
Culvert Design Frequency *	25 Yr.	15 Yr.	N/A	10 Yr. & Overflow
Grade 1 Roadbed Width (sub-grade) – paved surface	34′	34′	N/A	19′
- Minimum travel way width (both lanes + shoulders)	24′	24′	N/A	16′ (3.)
- Minimum pavement section (base and HBP)	6″ base & 4″ HBP	6″ base & 4″ HBP	N/A	6″ base & 4″ HBP
Grade 1 Roadbed Width (sub-grade) – Gravel surface**	28′	28′	N/A	16′
- Minimum travel way width (both lanes + shoulders)	24′	24′	N/A	16′ (3.)
- Minimum gravel thickness	6″	6″	N/A	4″
Design Speed (2.)	55	40	N/A	15
Right of Way Width	150′	150′	N/A	Varies
In-slope Ratio	4:1	4:1	N/A	3:1
Separation (Road top to Ditch Bottom)	5′	5′	N/A	2.33′

***Bridges** – For County Major Collectors (on-system); the design frequency is 25 years and other local roads (off-system); the design frequency is 15 years. If an overflow section is provided, then the waterway opening plus the overflow section must pass the appropriate design frequency. **Culverts** – The same design frequencies are required for culverts as they are for bridges; except for Township roads, the design frequency is 10 years. These are required according to North Dakota Century Code.

****Dust Control** – Dust control shall be provided as to prevent traffic hazards, damages, and nuisances to adjacent property owners and public streets.

(1.) Most "Local roads" in Billings County are oilfield access roads or USFS property, for these, use 50 Year Culvert design frequency & 100 Year bridge design frequency.
(2.) All roads posted @ 35 MPH design exceptions will be considered down to 40 MPH when terrain dictates.
(3.) Turnouts provided as necessary for passing.

BILLINGS COUNTY, ND

	TWP/RANGE	DISTRICT
	Highway Superintendant Jeff Iverson 701-575-4661	
1	137-100	**DISTRICT 3** Jim Arthaud, Commissioner 701-623-4461
2	137-101	
3	137-102	
4	138-100	
5	138-101	
6	138-102	
7	139-100	
	FRYBURG	
8	139-101	
9	139-102	
10	140-100	
11	140-101	
12	140-102	
33	**MEDORA**	
13	141-98	**DISTRICT 2** Mike Kasian, Commissioner 701-677-5589
14	141-99	
15	141-100	
16	141-101	
17	141-102	
18	142-98	
19	142-99	
20	142-100	
21	142-101	
22	142-102	
23	143-98	**DISTRICT 1** Joeseph L. Kessel, Commissioner 701-863-6551
24	143-99	
25	143-100	
26	143-101	
27	143-102	
28	144-98	
29	144-99	
30	144-100	
31	144-101	
32	144-102	