

# DRIVEWAY APPLICATION & PERMIT

North Dakota Department of Transportation, Maintenance  
SFN 5918 (3-2016)

Permit Number			
District Number			
0	2		

Applicant Badger Wind, LLC			
Address 401 N. Michigan Ave, Suite 501	City Chicago	State IL	ZIP Code 60611

## Driveway Information on State Highway Right of Way

Number of Driveways 1	<input type="checkbox"/> Private <input checked="" type="checkbox"/> Commercial	Direction <input type="checkbox"/> N <input checked="" type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W	side of Route	ND 3
Location 46°15'34.01"N, 99°38'9.21"W (South Side of Highway 3)				
Town Wishek	Highway HWY 3	Junction	Mile Marker Number 35.14	
Description of proposed work on state right of way and type of business served. Contractor will be building approach and temporary widened turning radius to allow turbine component deliveries. Permanent and temporary pipe will be installed on both the permanent and temporary approach as shown in the drawings. Approach will be built to have the necessary 8:1 slopes like in standard drawings D203-08.  During the operational life of the project, the anticipated number of vehicles that will be accessing this driveway daily is <1. The turbine sites will typically be visited up to 10 times per year with light vehicles.				

Applicant agrees that any permit issued and any entrance built or work done shall be in accordance with plans attached hereto and made a part hereof, and Permit Specifications, printed on the reverse side of this sheet. If the applicant fails to construct the drive to the specified dimensions, including the proper culvert length and inslopes, the Department of Transportation, hereinafter referred to as NDDOT, will either cancel this permit and remove the drive or make the necessary corrections and the Applicant will reimburse NDDOT for such work.

### APPLICANT

Doug Jones (on behalf of Badger Wind, LLC)  
Name (Type or Print)

X Douglas Jones  
Signature

Director, Project Execution  
Title

7/14/2025  
Date

Digitally signed by Douglas Jones  
DN: cn=US, e=djones@nrdot.com,  
o=NDDOT, ou=Director, cn=Douglas  
Jones  
Date: 2025.07.14 11:20:25-0500

### NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

Jay Praska  
District Engineer (Type or Print)

X Jay Praska  
Signature

7-22-2025  
Date

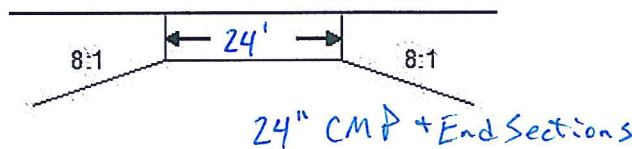
### Permit granted

\_\_\_\_\_  
Date

### Construction shall be completed by

7-1-2026  
Date

### Sketch



Original to District File, copy to Applicant  
Please send completed form to Pavement Management Engineer

## DRIVEWAY PERMIT SPECIFICATIONS

1. The total cost of all construction and maintenance of the work specified shall be borne by the Applicant, his grantees, successors, and assigns: except that the state will maintain the shoulder of the roadway.
2. The applicant shall be required to wear an ANSI/ISEA 107-2004 Class II high visibility garment while within the highway right-of-way as per the requirements of 23 CFR 634.
3. It is understood by the Applicant that the state does not assume any responsibility for the removal or clearance of snow, ice, or sleet, or the opening of windrows of such materials, upon any portion of the driveway even though snow, ice, or sleet is deposited or windrowed on said drive by its authorized representative engaged in normal winter maintenance operation.
4. No driveway shall be considered as completed until checked and approved by NDDOT. Surfacing may be omitted on field entrances if so specified in the application.
5. A driveway, as referred to in this permit, shall be the traveled area between the highway roadway surface and the adjacent right-of-way line. Said driveway shall be used only for the purpose of providing entrance to and exit from the Applicant's property.
6. No driveway, or improvement constructed on the highway right-of-way shall be altered or relocated without permission of the district engineer of NDDOT.
7. The Applicant agrees to perform all work in accordance with this permit, and to indemnify and hold harmless NDDOT, its officers, and employees from any and all liability, judgments, costs, expenses, and claims growing out of damages, or alleged damages, of any nature whatsoever, to any person or property arising out of performance or nonperformance of said work, or the existence of said driveways.
8. It is understood by the Applicant that the location, construction, and maintenance of driveways are under the supervision of NDDOT at all times, and that in granting this permit NDDOT waives none of its powers or rights to direct the removal, relocation, or proper maintenance in the future of any driveways within the right of way of the state highway.
9. The granting of this permit does not vest the Applicant with the exclusive use of the driveway. NDDOT retains the right to diminish and expand the use of the driveway as required in the interest of the safety of highway traffic.
10. Wetland: The applicant shall certify that no wetlands will be impacted by the installation of the driveway. If wetlands are impacted, the applicant shall coordinate with the US Army Corps of Engineers (USACE), North Dakota Regulatory Office to determine if a permit is required or mitigation is needed. Certification of avoidance, a wetland delineation, or a permit (if required) from the USACE shall be attached to the application.
11. The Applicant, for him or herself, his or her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree that 1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, 2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, 3) that the Applicant will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities set forth in this Assurance.
12. That in the event of breach of any of the above non-discrimination covenants, NDDOT will have the right to terminate this Permit and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said Permit had never been made or issued.
13. Risk Management Appendix, attached, is hereby incorporated and made a part of this agreement.
14. District Engineer to provide copy of approved permit to NDDOT, Planning and Asset Management, Pavement Management Division.

## Risk Management Appendix

### Permits and Licenses with Private Individuals, Companies, Corporations, Etc. (referred to as Recipient):

Recipient agrees to defend, indemnify, and hold harmless the state of North Dakota, its agencies, officers and employees (State), from and against claims based on the vicarious liability of the State or its agents, but not against claims based on the State's contributory negligence, comparative and/or contributory negligence or fault, sole negligence, or intentional misconduct. The legal defense provided by the Recipient to the State under this provision must be free of any conflicts of interest, even if retention of separate legal counsel for the State is necessary. Recipient also agrees to defend, indemnify, and hold the State harmless for all costs, expenses and attorneys' fees incurred if the State prevails in an action against the Recipient in establishing and litigating the indemnification coverage provided herein. This obligation shall continue after the termination of this agreement.

Recipient shall secure and keep in force during the term of this agreement, from insurance companies, government self-insurance pools or government self-retention funds authorized to do business in North Dakota, the following insurance coverages:

- 1) **Commercial general liability and automobile liability insurance** – minimum limits of liability required are \$500,000 per person and \$2,000,000 per occurrence.
- 2) **Workers compensation insurance** meeting all statutory limits.
- 3) The State of North Dakota and its agencies, officers, and employees (State) shall be endorsed as an **additional insured** on the commercial general liability and automobile liability policies. The State of North Dakota shall have all the benefits, rights and coverages of an additional insured under these policies that shall not be limited to the minimum limits of insurance required by this agreement or by the contractual indemnity obligations of the Contractor.
- 4) Said endorsements shall contain a **"Waiver of Subrogation"** in favor of the state of North Dakota.
- 5) The policies and endorsements may not be canceled or modified without **thirty (30) days prior written notice** to the undersigned State representative.

Recipient shall furnish a certificate of insurance evidencing the requirements in 1, 3, and 4 above to the undersigned State representative prior to commencement of this agreement.

The State reserves the right to obtain complete, certified copies of all required insurance documents, policies, or endorsements at any time. If Recipient's insurance will expire prior to the term of this agreement, Recipient shall renew the above requirements and furnish a certificate of insurance evidencing the renewal to the undersigned State representative prior to the expiration of the insurance. Any attorney who represents the State under this policy must first qualify as and be appointed by the North Dakota Attorney General as a Special Assistant Attorney General as required under N.D.C.C. Section 54-12-08.

When a portion of a Contract is sublet, the Recipient shall obtain insurance protection (as outlined above) to provide liability coverage to protect the Recipient and the State as a result of work undertaken by the Subcontractor. In addition, the Recipient shall ensure that any and all parties performing work under the Contract are covered by public liability insurance as outlined above. All Subcontractors performing work under the Contract are required to maintain the same scope of insurance required of the Recipient. The Recipient shall be held responsible for ensuring compliance with those requirements by all Subcontractors.

Recipient's insurance coverage shall be primary (i.e., pay first) as respects any insurance, self-insurance or self-retention maintained by the State. Any insurance, self-insurance or self-retention maintained by the State shall be excess of the Recipient's insurance and shall not contribute with it. The insolvency or bankruptcy of the insured Recipient shall not release the insurer from payment under the policy, even when such insolvency or bankruptcy prevents the insured Recipient from meeting the retention limit under the policy. Any deductible amount or other obligations under the policy(ies) shall be the sole responsibility of the Recipient. This insurance may be in policy or policies of insurance, primary and excess, including the so-called umbrella or catastrophe form and be placed with insurers rated "A-" or better by A.M. Best Company, Inc. The State will be indemnified, saved, and held harmless to the full extent of any coverage actually secured by the Recipient in excess of the minimum requirements set forth above.



# CERTIFICATE OF LIABILITY INSURANCE

DATE(MM/DD/YYYY)  
05/05/2025

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Aon Risk Services Northeast, Inc. New York NY Office One Liberty Plaza 165 Broadway, Suite 3201 New York NY 10006 USA	<b>CONTACT NAME:</b>	
	<b>PHONE (A/C. No. Ext):</b>	<b>FAX (A/C. No.):</b>
<b>E-MAIL ADDRESS:</b>		
<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> Badger Wind LLC 401 N. Michigan Ave., Suite 401 Chicago IL 60611 USA	<b>INSURER A:</b> Zurich American Ins Co	16535
	<b>INSURER B:</b> Federal Insurance Company	20281
	<b>INSURER C:</b>	
	<b>INSURER D:</b>	
	<b>INSURER E:</b>	
<b>INSURER F:</b>		

**COVERAGES**      **CERTIFICATE NUMBER:** 570112414016      **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

Limits shown are as requested

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input checked="" type="checkbox"/> LOC OTHER:			36057590	01/01/2025	01/01/2026	EACH OCCURRENCE	\$1,000,000
							DAMAGE TO RENTED PREMISES (Ea occurrence)	\$1,000,000
							MED EXP (Any one person)	\$10,000
							PERSONAL & ADV INJURY	\$1,000,000
							GENERAL AGGREGATE	\$2,000,000
							PRODUCTS - COMP/OP AGG	\$2,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			7360-85-92	01/01/2025	01/01/2026	COMBINED SINGLE LIMIT (Ea accident)	\$1,000,000
							BODILY INJURY ( Per person)	
							BODILY INJURY (Per accident)	
							PROPERTY DAMAGE (Per accident)	
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input type="checkbox"/> RETENTION			78189040	01/01/2025	01/01/2026	EACH OCCURRENCE	\$1,000,000
							AGGREGATE	\$1,000,000
A	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR / PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	WC079034400	01/01/2025	01/01/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT	\$1,000,000
							E.L. DISEASE-EA EMPLOYEE	\$1,000,000
							E.L. DISEASE-POLICY LIMIT	\$1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

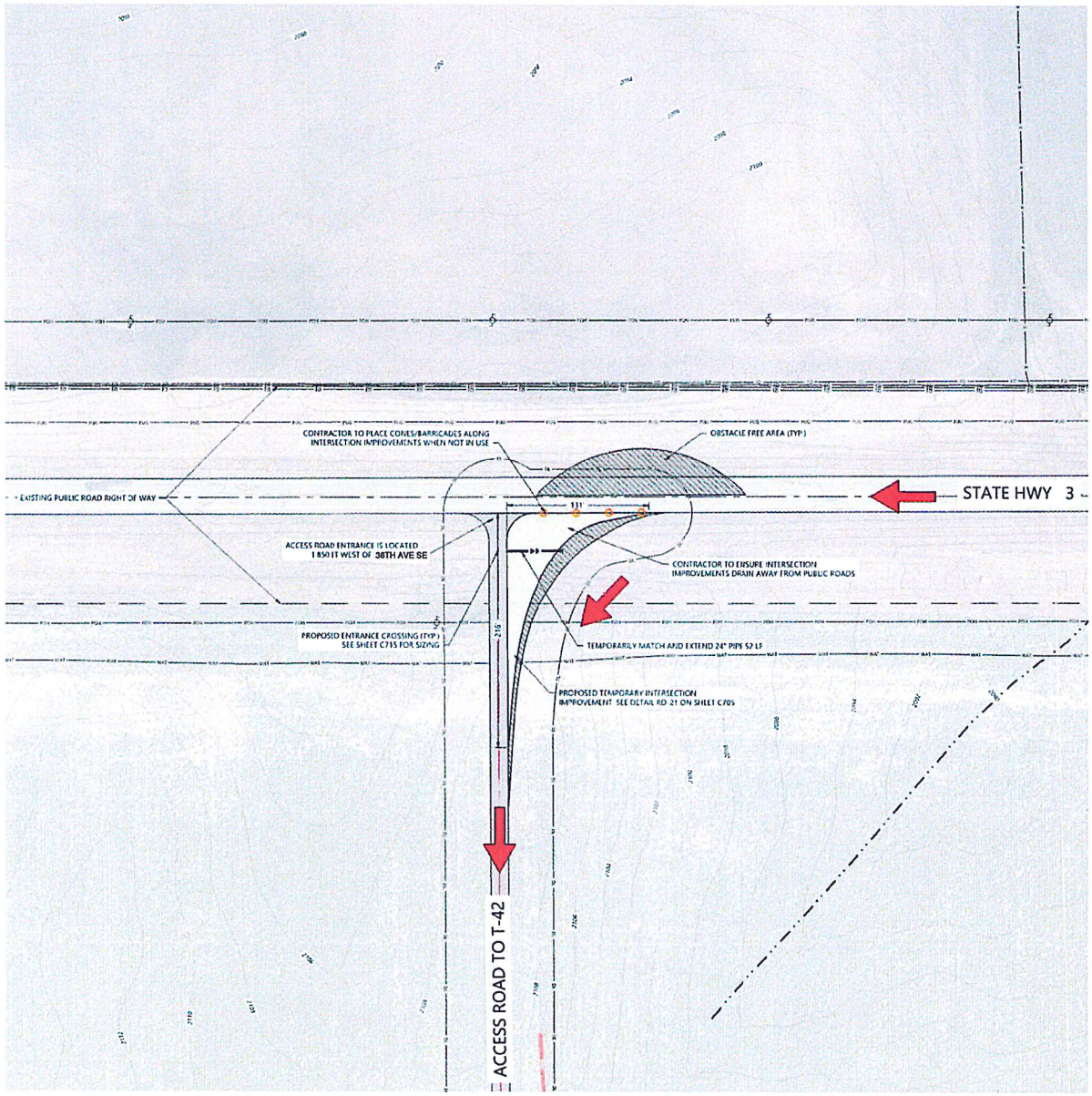
RE: NDDOT Permit. State of North Dakota and its agencies, officers and employees (state) are included as Additional Insured in accordance with the policy provisions of the General Liability policy. A waiver of Subrogation is granted in favor of State of North Dakota in accordance with the policy provisions of the General Liability, Automobile Liability and Workers' Compensation policies.

<b>CERTIFICATE HOLDER</b> North Dakota Department of Transportation 608 East Boulevard Ave. Bismarck ND 58505-0700 USA	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Northeast, Inc.</i>
---	--

Holder Identifier :

Certificate No : 570112414016





- LEGEND:**
- UNDERGROUND COLLECTION
  - OVERHEAD TRANSMISSION
  - PROPOSED CULVERT
  - PROPOSED PERIMETER SEDIMENT CONTROL
  - PROPOSED TEMPORARY INTERSECTION IMPROVEMENT
  - PROPOSED COMPONENT CLEARANCE AREA
  - PROJECT FACILITIES
  - DISTURBANCE LIMITS
  - PROPOSED TREE CLEARING AREA
  - NON-PARTICIPATING LAND
  - SECTION LINES
  - RIGHT-OF-WAY LINES
  - EX. INDEX CONTOUR
  - EX. INTERVAL CONTOUR
  - EX. TREELINE
  - EX. PAVED ROAD
  - EX. CULVERT
  - EX. FENCE
  - EX. OVERHEAD POWER
  - EX. UNDERGROUND POWER
  - EX. FIBER OPTIC LINE
  - EX. GAS PIPELINE
  - EX. TELEPHONE LINE
  - EX. WATER LINE
  - EX. NHD LINES
  - EX. WETLAND (DELINEATED)
  - EX. 50' WETLAND BUFFER (DELINEATED)
  - DELIVERY FLOW DIRECTION
  - ○ ○ ○ ○ PROPOSED TRAFFIC CONTROL
  - ○ ○ ○ ○ PROPOSED ENTRANCE DRAINAGE CROSSING

**Westwood**

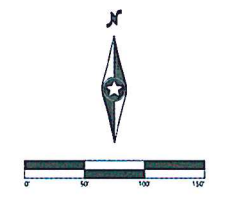
Phone: (852) 837-5156 12701 Midwestern Drive, Suite 9300  
 Fax: (852) 837-8832 Minneapolis, MN 55434  
 E-Mail: (852) 837-5156 westwood@westwood.com  
 Westwood Professional Services, Inc.



Digitally signed by  
 David Keldner  
 Date: 2025.03.07  
 17:28:20 -06'00'

PREPARED FOR  
**Orsted**  
**BLATTNER ENERGY**  
 392 County Road 50  
 Avon, MN 56310

REVIEWS  
 DATE: 03/07/25  
 CONSULTANT: [blank]  
 BY: CHE, APR  
 IN CHARGE: [blank]

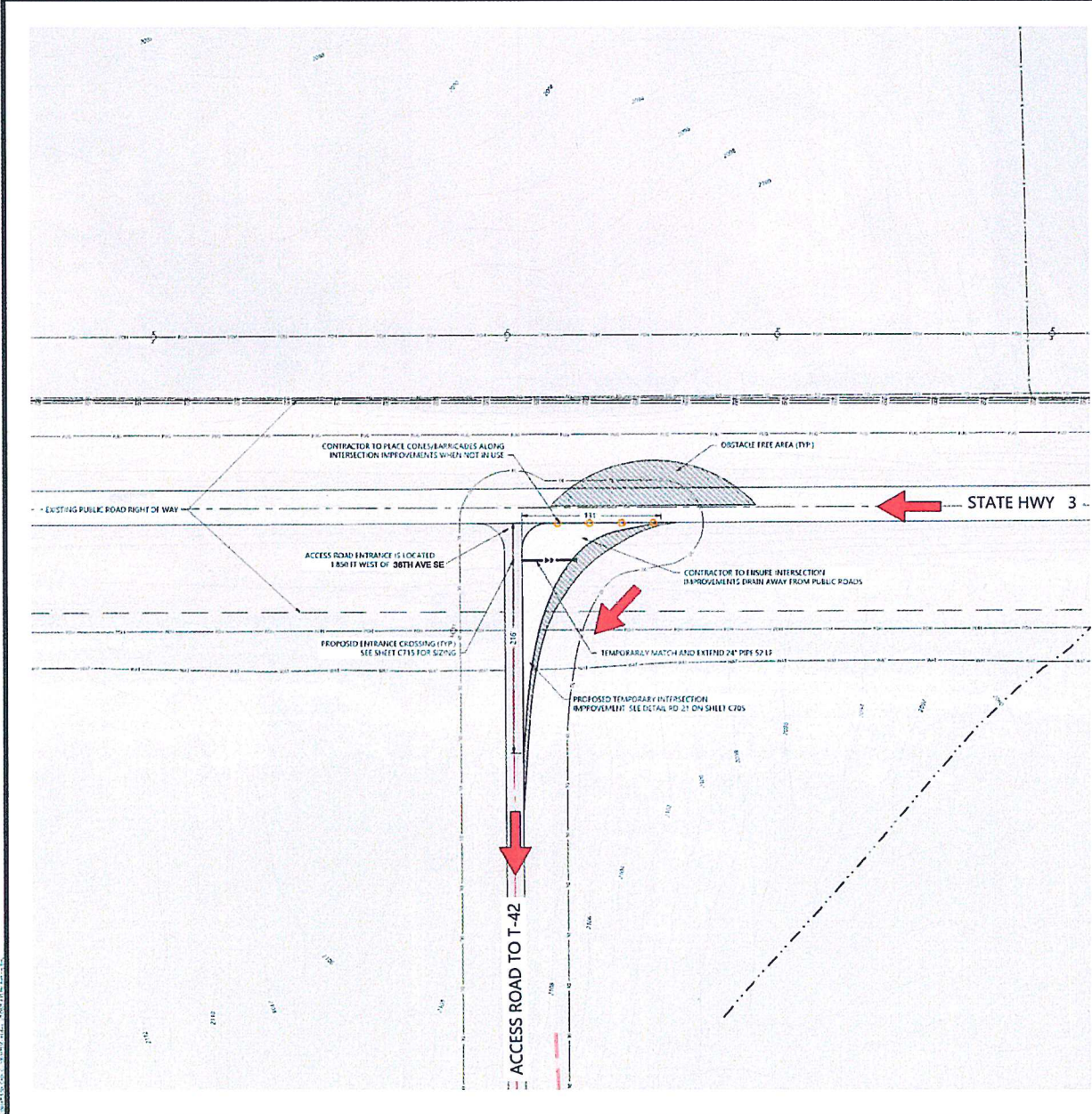


**Badger Wind Project**  
 Logan And McIntosh  
 County, ND

Intersection 5 - T-42  
 Access Road & Hwy 3

ISSUED FOR CONSTRUCTION

DATE: 03/07/2025  
 SHEET: C405 REV: 0



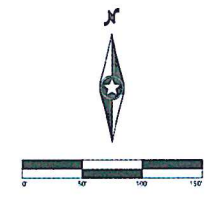
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  - OVERHEAD TRANSMISSION
  - PROPOSED CULVERT
  - PROPOSED PERIMETER SEDIMENT CONTROL
  - PROPOSED TEMPORARY INTERSECTION IMPROVEMENT
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  - DELIVERY FLOW DIRECTION
  - ○ ○ ○ PROPOSED TRAFFIC CONTROL
  - PROPOSED ENTRANCE DRAINAGE CROSSING

**Westwood**  
 Phone: (952) 837-5153 1291 Milwaukee Drive, Suite #300  
 Fax: (952) 837-8822 Minneapolis, MN 55414  
 E-Mail: (952) 837-5158 westwood@westwood.com  
 Westwood Professional Services, Inc.

PROFESSIONAL SEAL  
 DAVID KELEJER  
 PE-40907  
 DATE: 03/07/25  
 NORTH DAKOTA  
 Digitally signed by  
 David Kelejer  
 Date: 2025.03.07  
 17:26:20 -06'00'

PREPARED FOR  
**Orsted**  
**BLATTNER**  
**ENERGY**  
 392 County Road 50  
 Avon, MN 56310

REV. NO.	DATE	COMMENT	BY	CHK
1	03/07/25	Issue for Construction	B. D.	DK



**Badger Wind Project**  
 Logan And McIntosh  
 County, ND

Intersection 5 - T-42  
 Access Road & Hwy 3

ISSUED FOR CONSTRUCTION

DATE	REV
03/07/2025	0
SHEET C405	0

# Untitled Map

Write a description for your map.

## Legend

 Driveway

 Driveway

3

30th

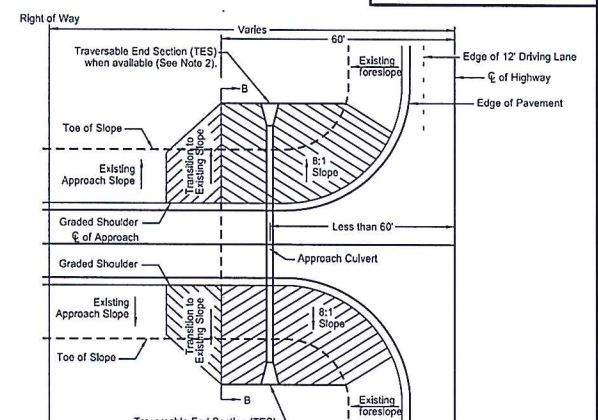
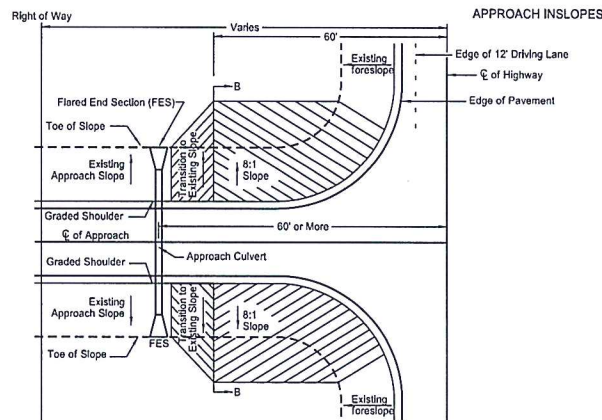
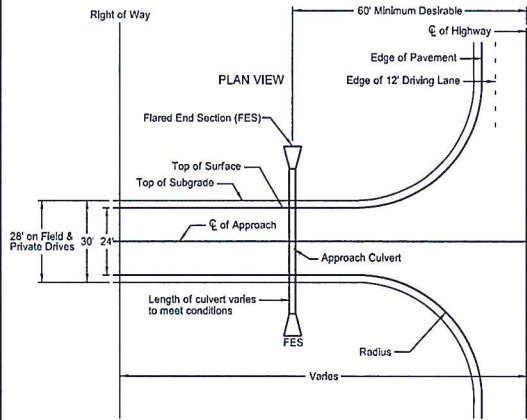
Google Earth

Image © 2025 Airbus



# STANDARD RURAL APPROACHES

D-203-8



CASE 1  
APPROACH PIPE LOCATED  
60' OR MORE FROM CL

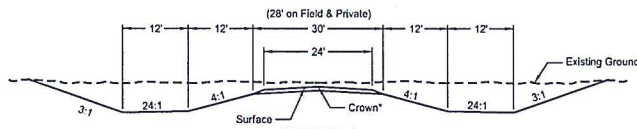
CASE 2  
APPROACH PIPE LOCATED  
LESS THAN 60' FROM CL

Approach Pipe Traversable End Sections (TES)

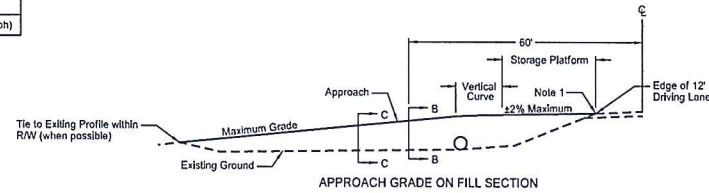
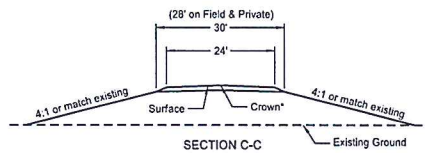
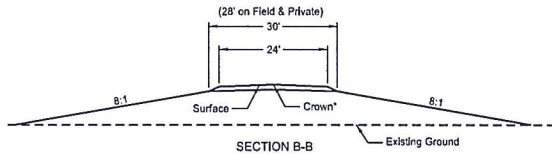
RCP	CSP	CSP Arch
15"	15"	
18"	18"	21"x15"
		24"x18"
24"	24"	28"x20"

CRITERIA FOR RURAL APPROACH TYPES

	Field Drives	Private Drives	Low Volume Public Roads
Radius	R=40 ft	R=40 ft	R=50 ft
Maximum Grade	10%	7%	7%
Storage Platform	24 ft	24 ft	50 ft
Vertical Curve Length	10 ft	10 ft	Varies (Min. 20 mph)

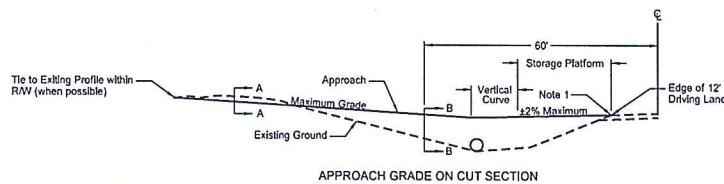
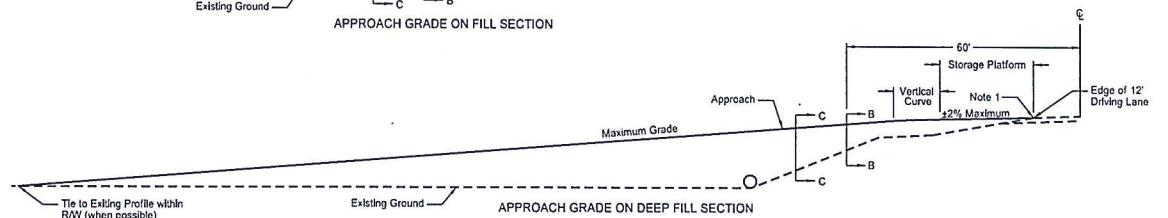


\*2.1% crown for paved surface  
\*3.0% crown for gravel surface



NOTES:

- 5% Max Rollover between approach storage platform and highway.
- Approach pipes up to 24" diameter are acceptable (with traversable end sections) for Case 2. Install approach pipes larger than 24" diameter in accordance with Case 1.



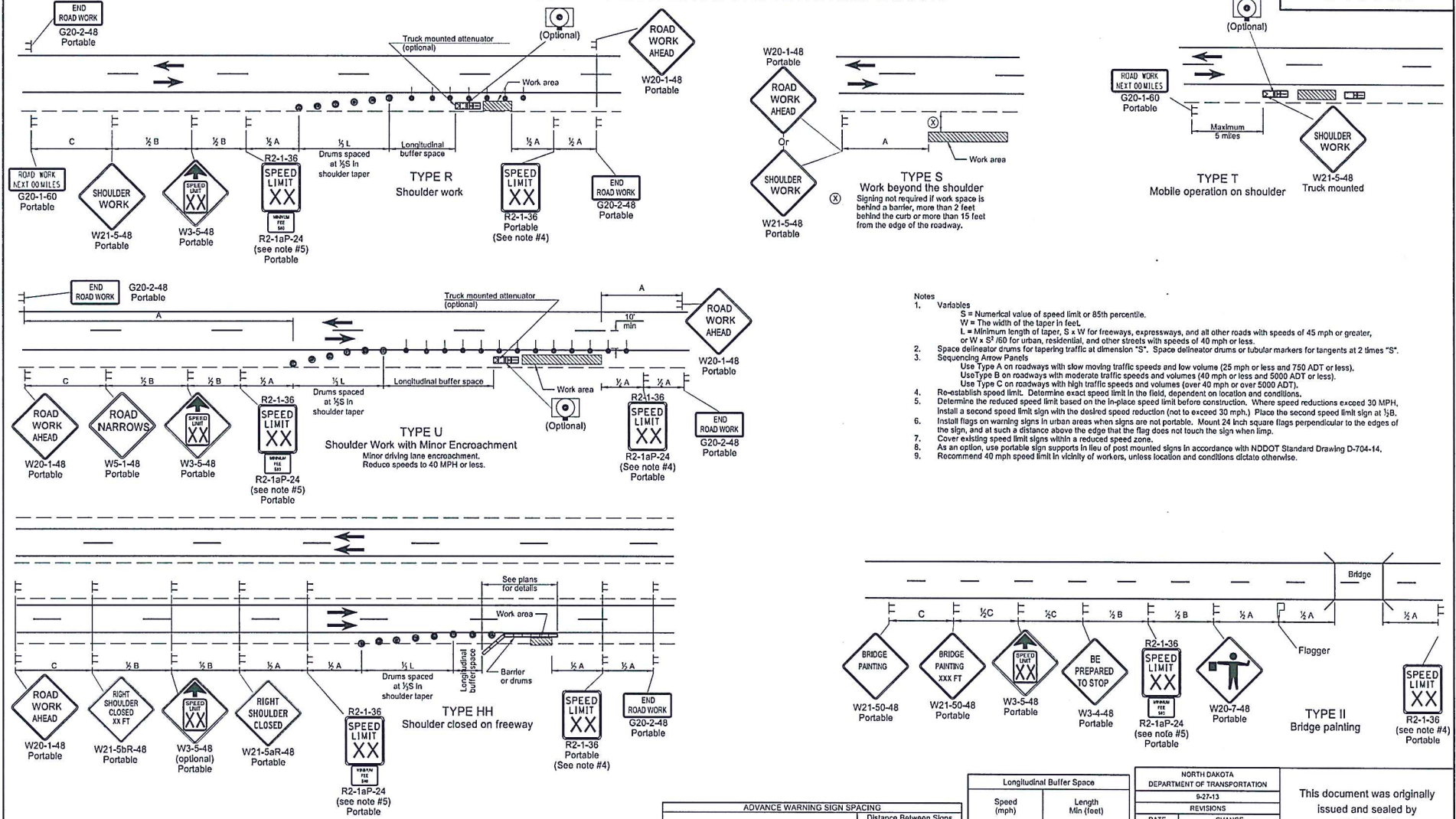
NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
2-25-14	
REVISIONS	
DATE	CHANGE
06-30-17	Revised Radius, Storage Platform, Envelope dimensions, and Note 1
10-25-19	Changed 'Inslope' to 'Foreslope'
06-29-22	Added 'TES', Table, and Note 2



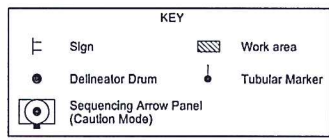
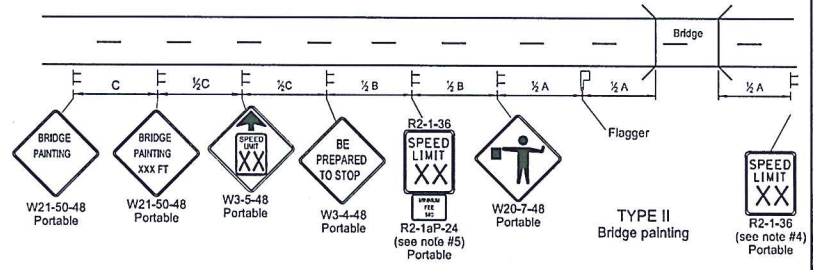
06/29/22

# SHOULDER CLOSURES AND BRIDGE PAINTING LAYOUTS

D-704-24



- Notes**
- Variables
    - S = Numerical value of speed limit or 85th percentile.
    - W = The width of the taper in feet.
    - L = Minimum length of taper, S x W for freeways, expressways, and all other roads with speeds of 45 mph or greater, or W x S<sup>2</sup>/60 for urban, residential, and other streets with speeds of 40 mph or less.
  - Space delineator drums for tapering traffic at dimension 'S'. Space delineator drums or tubular markers for targets at 2 times 'S'.
  - Sequencing Arrow Panels
    - Use Type A on roadways with slow moving traffic speeds and low volume (25 mph or less and 750 ADT or less).
    - Use Type B on roadways with moderate traffic speeds and volumes (40 mph or less and 5000 ADT or less).
    - Use Type C on roadways with high traffic speeds and volumes (over 40 mph or over 5000 ADT).
  - Re-establish speed limit. Determine exact speed limit in the field, dependent on location and conditions.
  - Determine the reduced speed limit based on the in-place speed limit before construction. Where speed reductions exceed 30 MPH, install a second speed limit sign with the desired speed reduction (not to exceed 30 mph). Place the second speed limit sign at 1/2B.
  - Install flags on warning signs in urban areas when signs are not portable. Mount 24 inch square flags perpendicular to the edges of the sign, and at such a distance above the edge that the flag does not touch the sign when limp.
  - Cover existing speed limit signs within a reduced speed zone.
  - As an option, use portable sign supports in lieu of post mounted signs in accordance with NDDOT Standard Drawing D-704-14.
  - Recommend 40 mph speed limit in vicinity of workers, unless location and conditions dictate otherwise.

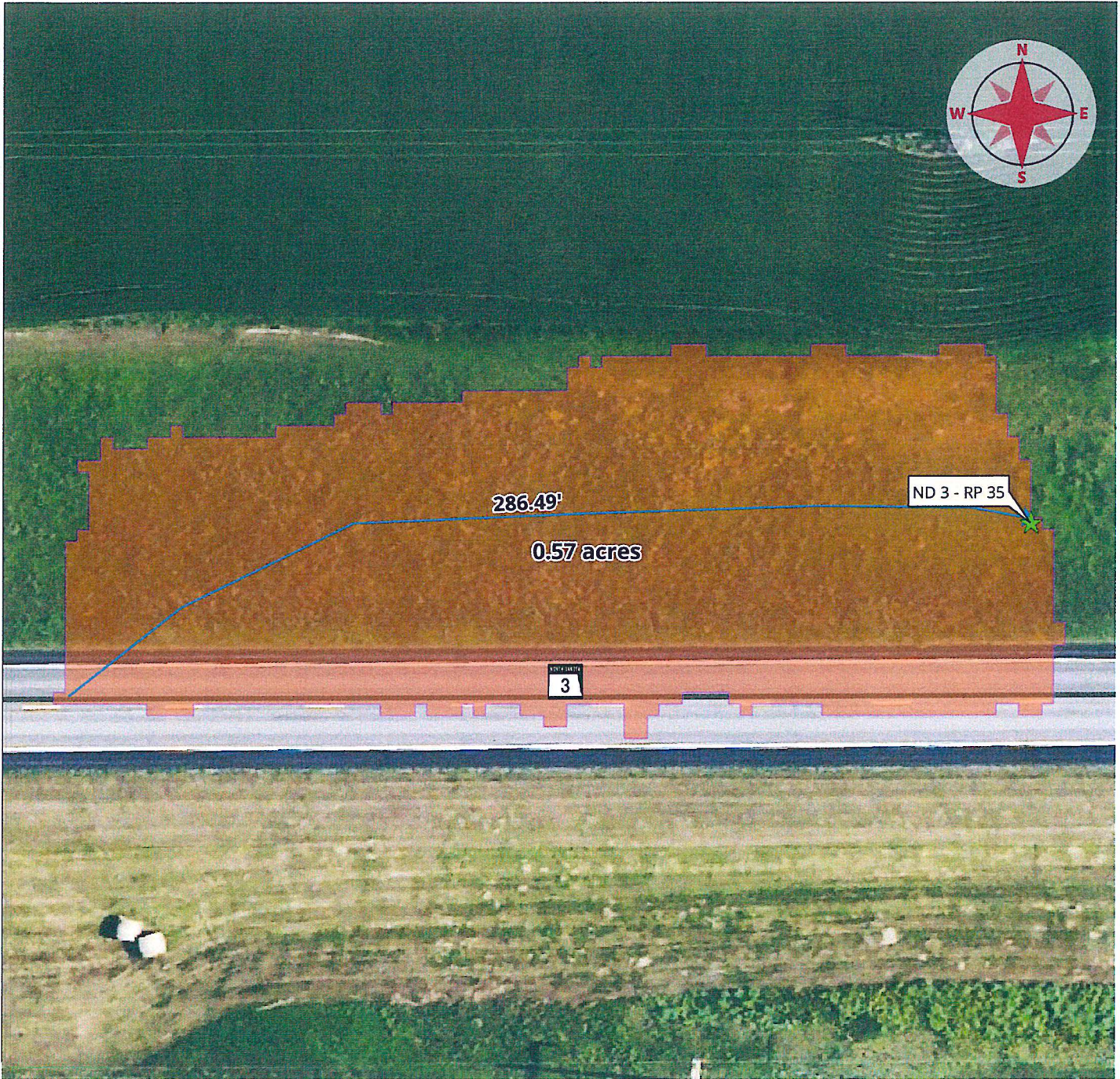


Road Type	Distance Between Signs		
	A	B	C
Urban - Low Speed (30 mph or less)	150	150	150
Urban - Low Speed (over 30 to 40 mph)	280	280	280
Urban - High Speed (over 40 mph to 50 mph)	360	360	360
Rural - High Speed (over 50 mph to 65 mph)	720	720	720
Urban Expressway and Freeway (55 mph to 60 mph)	850	1350	2200
Rural Expressway and Freeway (70 mph to 75 mph)	1000	1500	2640
Interstate/4-Lane Divided (Maintenance and Surveying)	750	1000	1500

Longitudinal Buffer Space	
Speed (mph)	Length Min (feet)
20	115
25	155
30	200
35	250
40	305
45	360
50	425
55	495
60	570
65	645
70	730
75	820

NORTH DAKOTA DEPARTMENT OF TRANSPORTATION	
S-27-13	
DATE	REVISIONS
8-17-17	Updated notes & revised signs
11-01-19	Revised drum spacing & signs nos.

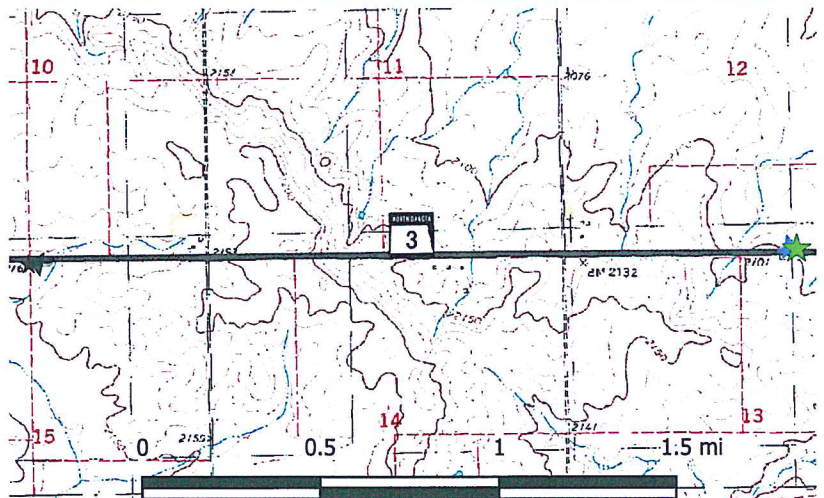
This document was originally issued and sealed by Kirk J Hoff, Registration Number PE-4683, on 11/1/19 and the original document is stored at the North Dakota Department of Transportation



## ND 3 - RP 35

Zone	B	USGS Discharges	
Drainage Area	0.001 mi <sup>2</sup>	Q2	0.7 cfs
Slope	N/A	Q5	2.1 cfs
Flow Length	286.49 ft	Q10	3.4 cfs
Upper Elev	2,105.64 ft	Q25	5.5 cfs
Lower Elev	2,095.32 ft	Q50	7.1 cfs
Ruggedness No.	559.85	Q100	8.8 cfs
Compactness Ratio	1.53	Q500	13.0 cfs

Project Number	PCN	Sheet
## # ###(###)###	#####	1 of 2



**Bacon, Kelly G.**

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**From:** Ellis, Gary L.  
**Sent:** Monday, June 30, 2025 6:55 AM  
**To:** Bacon, Kelly G.  
**Cc:** Lawson, Cory L.  
**Subject:** Driveway Permit Applications

Good morning,

I have reviewed the four drive permits for sent to me on 6/16/2025 and 6/19/2025. There are no cultural concerns for any of them. The CR Section ID #'s are as follows:

- Hwy 20 at RP 44 is 2025-01
- Hwy 3 at RP 28 is 2025-02
- Hwy 3 at RP 35 is 2025-04
- Hwy 3 at RP 37 is 2025-04.

If you have any questions or concerns, please feel free to contact me.

Best,

Gary Ellis, M.A., RPA 5484  
*Archaeologist II*  
ETS Division, Cultural Resources

701.328.7611 ◦ [gellis@nd.gov](mailto:gellis@nd.gov) ◦ [dot.nd.gov](http://dot.nd.gov) ◦ 608 E. Boulevard Ave. ◦ Bismarck, ND 58505



**Bacon, Kelly G.**

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**From:** Deis, Monte D.  
**Sent:** Friday, June 20, 2025 8:23 AM  
**To:** Bacon, Kelly G.  
**Subject:** FW: drive applications  
**Attachments:** ND 3 - RPs 35, 37 - Atlas.pdf

Kelly,

Hydraulics recommends 18 IN approach pipes at both crossings.

↳ District requires a minimum 24" pipe for all new approaches.

Thank You,

**Monte Deis, PE**  
*Preliminary Engineering & Hydraulics Engineer*  
*NDDOT Bridge Division*

701.328.2137 • [mdeis@nd.gov](mailto:mdeis@nd.gov) • [dot.nd.gov](http://dot.nd.gov)

701.328.2500 • [info@nd.gov](mailto:info@nd.gov) • 608 E. Boulevard Ave. • Bismarck, ND 58505

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**From:** Sandvig, Randall D. <[rsandvig@nd.gov](mailto:rsandvig@nd.gov)>  
**Sent:** Thursday, June 19, 2025 3:54 PM  
**To:** Deis, Monte D. <[mdeis@nd.gov](mailto:mdeis@nd.gov)>  
**Subject:** RE: drive applications

Monte,

The drainage areas appeared minimal on both of these crossings. 18" approach pipes should be sufficient.

Randy

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**From:** Deis, Monte D. [mdeis@nd.gov](mailto:mdeis@nd.gov)  
**Sent:** Thursday, June 19, 2025 9:35 AM  
**To:** Sandvig, Randall D. [rsandvig@nd.gov](mailto:rsandvig@nd.gov)  
**Subject:** FW: drive applications

Randy,

Could you analyze these locations please ?

Thank You,

**Monte Deis, PE**

*Preliminary Engineering & Hydraulics Engineer  
NDDOT Bridge Division*

701.328.2137 • [mdeis@nd.gov](mailto:mdeis@nd.gov) • [dot.nd.gov](http://dot.nd.gov)

701.328.2500 • [info@nd.gov](mailto:info@nd.gov) • 608 E. Boulevard Ave. • Bismarck, ND 58505

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**From:** Bacon, Kelly G. <[kbacon@nd.gov](mailto:kbacon@nd.gov)>

**Sent:** Thursday, June 19, 2025 9:06 AM

**To:** Deis, Monte D. <[mdeis@nd.gov](mailto:mdeis@nd.gov)>

**Subject:** drive applications

Monte,

Here are two more drive way requests to be analyzed.

Thanks,

**Kelly Bacon**

Maintenance Coordinator

Valley City District

701.845.8815 • 701.490.0601 (m) • [kbacon@nd.gov](mailto:kbacon@nd.gov) • [dot@nd.gov](mailto:dot@nd.gov)

