

CONSENT FOR UTILITY COMPANY TO CROSS A  
PUBLIC ROAD OR SECTION ROAD

DAKOTA ACCESS, LLC Of 1300 MAIN STREET, HOUSTON, TX 7702  
(Company) (Address)

hereinafter referred to as "utility company", having requested permission from Pleasant Valley Township, a political subdivision of the State of North Dakota, to cross an existing road or section line with a buried transmission facility designed to carry or conduct oil, gas, water, electricity, telephone, or any other substance or service whatsoever, and Pleasant Valley Township having considered the request does grant consent to cross the following described existing road or section line, upon the terms and conditions herein stated:

(Please include 911 Route #) North of 60th Street

Route 102 AVE NW in Section(s) 31 + 36, Township 156 N, Range 94 + 95 W

(Attach maps and construction plans)

At a minimum, acceptable plans will include method of crossing existing roads or section lines and size and material used for the buried facility.

Consent to cross such existing road or section line is granted on these terms and conditions:

1. Pay a fee **\$500.00** per crossing to Pleasant Valley Township.
2. Utility company must pay for all damage to the existing road caused by its activities, including but not limited to slumping in of trenches and collapse of pipe.
3. Utility company is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in crossing any existing road or section line in Pleasant Valley Township. Furthermore, utility company agrees to indemnify and hold harmless Pleasant Valley Township 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 Pleasant Valley Township on account of the activities conducted by the utility company in crossing any existing road or section line.
4. When the utility company crosses an existing road or a section line, the utility company shall be responsible to pay for all costs of moving, relocating, or reconstructing the buried transmission facility should Pleasant Valley Township 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 law. Should the utility company fail to take necessary steps to relocate or reconstruct its buried transmission facility, the Township may take steps to have the same accomplished, and the utility company agrees to reimburse the Township for all expenses incurred by Pleasant Valley Township in moving, relocating or reconstructing the buried transmission facility 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.

ND-WI-001.900  
102 AVE NW

5. The buried transmission facility to be installed by the utility company in crossing any existing road shall at a minimum comply with the following engineering standards:
  - (a) Township paved roads or Township roads treated with road stabilization materials may only be bored.
  - (b) All crossings of existing roads not trenched as in Section 5 below shall be bored to a depth of five (5) feet below original ground or ditch elevations.
  - (c) Pipe shall be cased or heavy wall pipe used.
  - (d) All parallel borings must be a minimum of 75-80 feet from road centerline.
  - (e) Vent pipes must be outside existing right-of-way lines or 75-80 feet from road center, whichever is greater.
  - (f) All disturbed ground within right-of-way must be rehabilitated by covering with black dirt and seeding with an approved mix.
  - (g) If vent pipes are not used within the (10) feet of both sides of right-of-way, the transmission facility must have markers outside of the right-of-way line or 80 foot line, whichever is greater, on both sides of the road.
  - (h) The Company's plan to bury a transmission facility filed with the Township Clerk must show at a minimum, in plain view and cross sectional view, the location of the crossing from a section or quarter line; section, township and range the crossing is located in; the location of vent pipes, if any, in proximity to the crossing; and the angle of crossing.
  - (i) The Company's plan must be submitted to the Township Clerk for review prior to consideration by the Pleasant Valley Township Board. Plans must be available for consideration by the Board at least two (2) weeks prior to the commencement of the project.
6. When permission is specifically granted by the Pleasant Valley Township for a crossing to be trenched or plowed, the trenching or plowing may be no more than eight (8) inches in width. The Company will apply surfacing materials and pack the site, returning it as close as possible to the original compaction. The Company will be responsible for all such crossings for a period of three (3) years, repairing during those three (3) years any damages to the road resulting from their activity. Any crossing which cannot be accomplished with this method must be bored.
7. Utility company must comply with all terms and conditions stated herein, with particular attention to the minimum engineering standards. Failure to comply with this **CONDITIONAL CONSENT** shall cause the consent to be rescinded and utility company must remove facility from right-of-way immediately or be responsible for the costs incurred by the Township in removing the same. The Township specifically reserves the right to remove the buried transmission facility from right-of-way for non-compliance and reimbursement will be made to the Township by utility company for doing the same.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated herein.

Dated this 1 day of February 2016

  
Authorized Agent of Utility Company - signature Vice President, Land and Right of Way

(713) 989-2864  
Telephone Number

Township Clerk: Please return a copy of the signed permit to:

Claire Cunningham  
Company or Agent Name

1100 Weiss Avenue  
Mailing Address

Bismarck, ND 58503  
City, State & Zip Code

Permission granted by Pleasant Valley Township, a political subdivision of the State of North Dakota for installation of the buried transmission facility proposed above under existing roads and section lines as stated above pursuant to the conditions and limitations stated this 11 day of February 2016

Signature of Township Board

Jon Hensel 2-11-2016  
Chairman Date

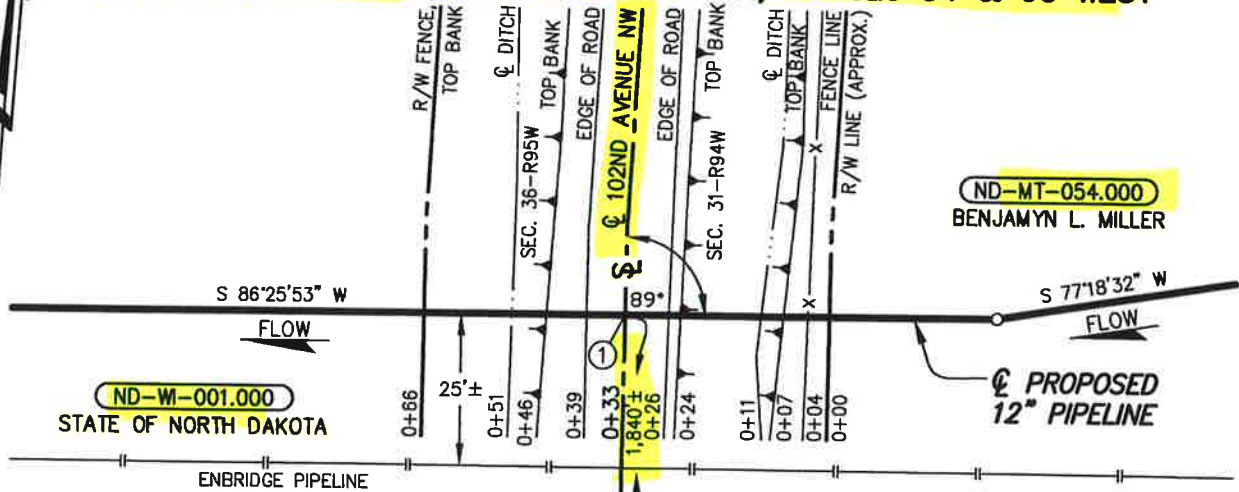
Craig Postonil 2-11-2016  
Supervisor Date

B. M. D. 2-11-2016  
Supervisor Date

ND-W1-001-900  
102 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 31 & 36, TOWNSHIP 156 NORTH, RANGES 94 & 95 WEST



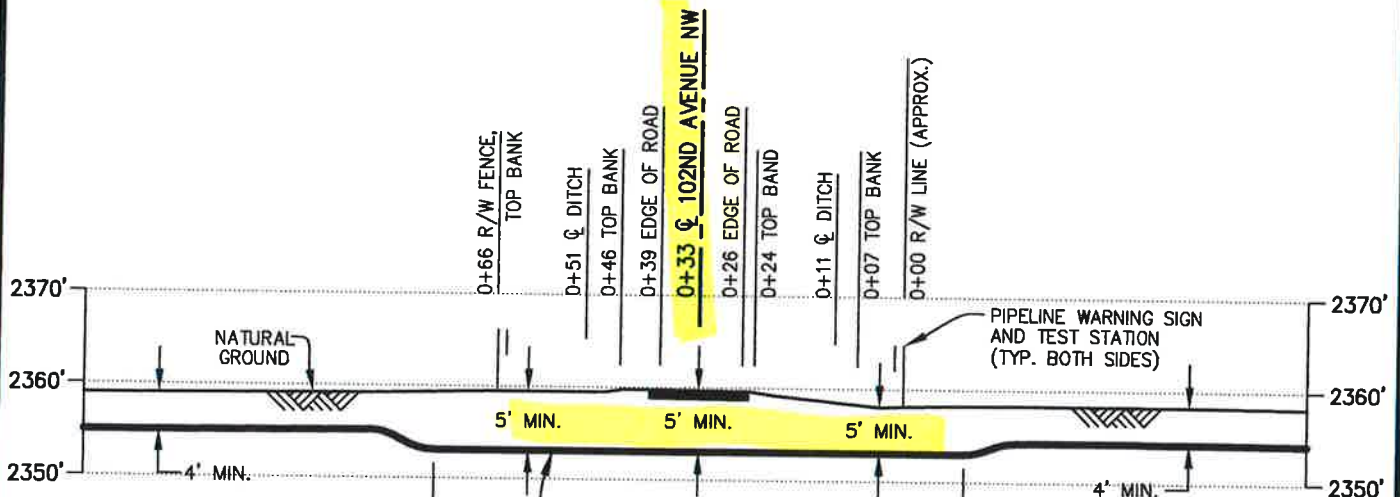
ND-WI-001.000  
STATE OF NORTH DAKOTA

ND-MT-054.000  
BENJAMYN L. MILLER

ND-WI-001.900

## PLAN

SCALE: 1"=30'



**PIPE SPECIFICATIONS**  
 PIPE 12.75" O.D. x 0.500" W.T.  
 API 5LX-52 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED  
12" PIPELINE**

## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  102ND AVENUE NW AT STA. 0+33, ELEV. 2359.24'

REV.	DATE	BY	DESCRIPTION	CHK.
D	07/07/15	PRV	ISSUED FOR USE/PERMIT	EDF
C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/12/14	CHA	ISSUED FOR REVIEW	



DAKOTA ACCESS, LLC

## PROPOSED 12" DAPL PIPELINE CROSSING 102ND AVENUE NW

PROJECT NO. 10395700

WILLIAMS COUNTY

NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**

NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: PRV	DATE: 12/11/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-001.900	D
SCALE: AS SHOWN	APP.:		

CONCENT FOR UTILITY COMPANY TO CROSS TOWNSHIP ROADS AND SECTION LINES

Jane Cunningham of Dakota Access, LLC

having requested permission from Myrtle Township, apolitical sub-division of Mountrail County of the State of North Dakota, to cross certain roadways

List roads to be crossed

Route	between Sections	Township	
102 AVE NW	S-3436	T-156N	R-94W

Attach maps and construction plans

1. Utility Company agrees to pay Myrtle Township \$500 per crossing.
2. Utility Company must pay for all damage to the existing road caused by its activities.
3. When the utility company crosses an existing road or section line, the utility company shall be responsible to pay for all costs of moving or relocating or reconstruction of the buried facility, shall Myrtle Township deem it necessary or advisable to repair or reconstruct existing road or to build new roads on as allowed by North Dakota law. Shall Utility Company fail to take necessary steps to relocate, they herby agree to reimburse the Township for all expenses incurred in reconstructing the buries facility.
4. Utility Company agrees to bore all crossings in said township.
5. Any clay or mud carried on to gravel surfaces, shalle be cleaned off or new gravel placed on top.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the Utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated here

Dated this 28<sup>th</sup> day of JANUARY 20 16.

[Signature]  
Vice President, Land and Right of Way

Authorized agent

Telephone

(713) 989-2864

ND-WI-001.900  
102 AVE NW

Dakota Access, LLC  
Company name  
1100 Weiss Avenue  
Mailing address  
Bismarck, ND 58503  
City, State & zip code  
Myrtle Township  
Township

Scott Liedt 2-17-16  
Chairman

Please return permit to:

Claire Cunningham  
1100 Weiss Avenue

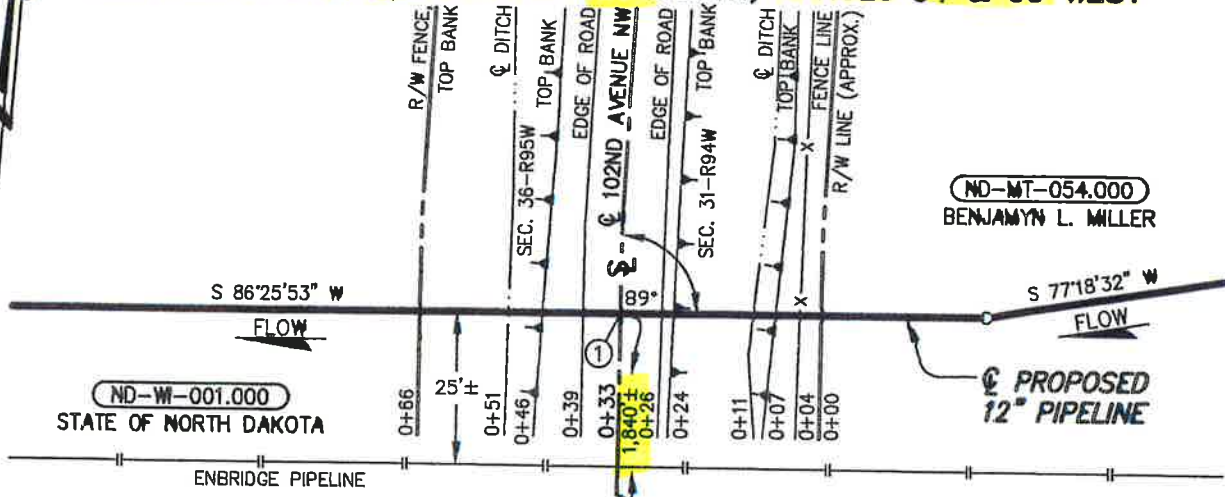
Bismarck, ND 58503

802.989.2489

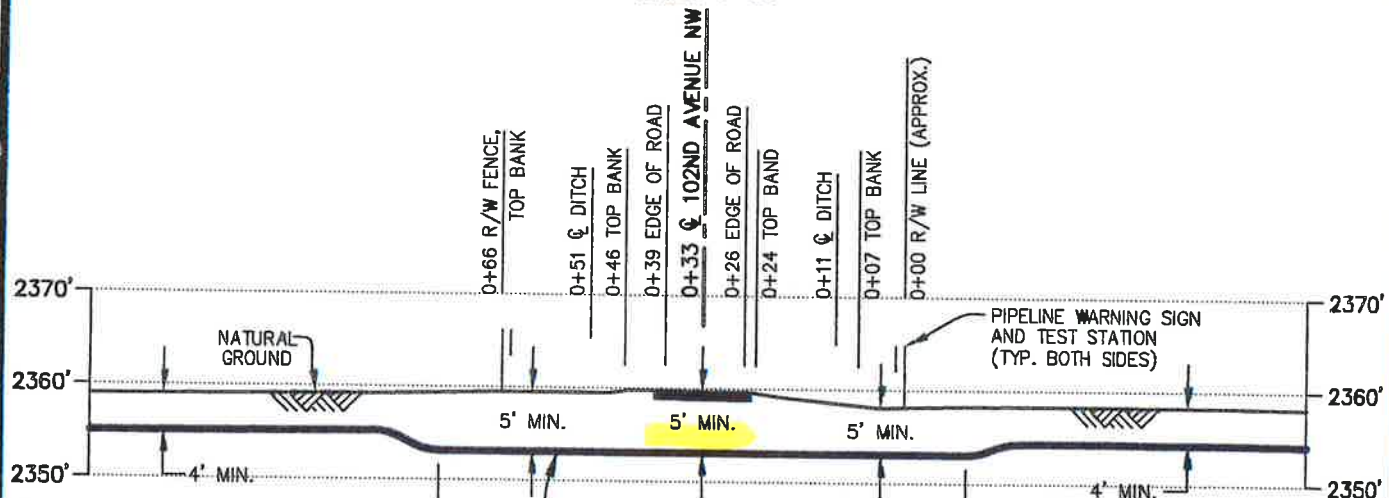
ND-WI-DOI.900  
102 Ave NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 31 & 36, TOWNSHIP 156 NORTH, RANGES 94 & 95 WEST



**PLAN**  
SCALE: 1"=30'



**PROFILE**  
SCALE: 1"=30' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 12.75" O.D. x 0.500" W.T.  
 API 5LX-52 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=2168941.25  
Y=17554880.07

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.:  $\odot$  102ND AVENUE NW  
 AT STA. 0+33, ELEV. 2359.24'

D	07/07/15	PRV	ISSUED FOR USE/PERMIT	EDF
C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/12/14	CHA	ISSUED FOR REVIEW	
REV.	DATE	BY	DESCRIPTION	CHK.

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DAKOTA ACCESS, LLC

**PROPOSED 12" DAPL PIPELINE CROSSING  
102ND AVENUE NW**

WILLIAMS COUNTY NORTH DAKOTA

DRAWN BY: PRV	DATE: 12/11/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-W-001.900</b>	<b>D</b>
SCALE: AS SHOWN	APP.:		

FILE: c:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB #1-001.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

CONSENT FOR UTILITY COMPANY TO CROSS A  
PUBLIC ROAD OR SECTION ROAD

Dakota Access, LLC Of 1300 MAIN STREET, Houston, TX 77002  
(Company) (Address)

hereinafter referred to as "utility company", having requested permission from Pleasant Valley Township, a political subdivision of the State of North Dakota, to cross an existing road or section line with a buried transmission facility designed to carry or conduct oil, gas, water, electricity, telephone, or any other substance or service whatsoever, and Pleasant Valley Township having considered the request does grant consent to cross the following described existing road or section line, upon the terms and conditions herein stated:

(Please include 911 Route #) North of 60th Street

Route 100 AVE in Section(s) 35/36, Township 156 N, Range 95 W

(Attach maps and construction plans)

At a minimum, acceptable plans will include method of crossing existing roads or section lines and size and material used for the buried facility.

Consent to cross such existing road or section line is granted on these terms and conditions:

1. Pay a fee **\$500.00** per crossing to Pleasant Valley Township.
2. Utility company must pay for all damage to the existing road caused by its activities, including but not limited to slumping in of trenches and collapse of pipe.
3. Utility company is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in crossing any existing road or section line in Pleasant Valley Township. Furthermore, utility company agrees to indemnify and hold harmless Pleasant Valley Township 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 Pleasant Valley Township on account of the activities conducted by the utility company in crossing any existing road or section line.
4. When the utility company crosses an existing road or a section line, the utility company shall be responsible to pay for all costs of moving, relocating, or reconstructing the buried transmission facility should Pleasant Valley Township 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 law. Should the utility company fail to take necessary steps to relocate or reconstruct its buried transmission facility, the Township may take steps to have the same accomplished, and the utility company agrees to reimburse the Township for all expenses incurred by Pleasant Valley Township in moving, relocating or reconstructing the buried transmission facility 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.

ND-WI-003900  
100 Ave. NW

5. The buried transmission facility to be installed by the utility company in crossing any existing road shall at a minimum comply with the following engineering standards:
- (a) Township paved roads or Township roads treated with road stabilization materials may only be bored.
  - (b) All crossings of existing roads not trenched as in Section 5 below shall be bored to a depth of five (5) feet below original ground or ditch elevations.
  - (c) Pipe shall be cased or heavy wall pipe used.
  - (d) All parallel borings must be a minimum of 75-80 feet from road centerline.
  - (e) Vent pipes must be outside existing right-of-way lines or 75-80 feet from road center, whichever is greater.
  - (f) All disturbed ground within right-of-way must be rehabilitated by covering with black dirt and seeding with an approved mix.
  - (g) If vent pipes are not used within the (10) feet of both sides of right-of-way, the transmission facility must have markers outside of the right-of-way line or 80 foot line, whichever is greater, on both sides of the road.
  - (h) The Company's plan to bury a transmission facility filed with the Township Clerk must show at a minimum, in plain view and cross sectional view, the location of the crossing from a section or quarter line; section, township and range the crossing is located in; the location of vent pipes, if any, in proximity to the crossing; and the angle of crossing.
  - (i) The Company's plan must be submitted to the Township Clerk for review prior to consideration by the Pleasant Valley Township Board. Plans must be available for consideration by the Board at least two (2) weeks prior to the commencement of the project.
6. When permission is specifically granted by the Pleasant Valley Township for a crossing to be trenched or plowed, the trenching or plowing may be no more than eight (8) inches in width. The Company will apply surfacing materials and pack the site, returning it as close as possible to the original compaction. The Company will be responsible for all such crossings for a period of three (3) years, repairing during those three (3) years any damages to the road resulting from their activity. Any crossing which cannot be accomplished with this method must be bored.
7. Utility company must comply with all terms and conditions stated herein, with particular attention to the minimum engineering standards. Failure to comply with this **CONDITIONAL CONSENT** shall cause the consent to be rescinded and utility company must remove facility from right-of-way immediately or be responsible for the costs incurred by the Township in removing the same. The Township specifically reserves the right to remove the buried transmission facility from right-of-way for non-compliance and reimbursement will be made to the Township by utility company for doing the same.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated herein.

Dated this 1 day of February 2016

[Signature] Resident, Land and Right of Way  
Authorized Agent of Utility Company - signature

(713) 989-2864  
Telephone Number

Township Clerk: Please return a copy of the signed permit to:

Claire Cunningham  
Company or Agent Name

1100 Weiss Avenue  
Mailing Address

Bismarck, ND 58503  
City, State & Zip Code

Permission granted by Pleasant Valley Township, a political subdivision of the State of North Dakota for installation of the buried transmission facility proposed above under existing roads and section lines as stated above pursuant to the conditions and limitations stated this 11 day of February 2016

Signature of Township Board

[Signature] 2-11-2016  
Chairman Date

[Signature] 2-11-2016  
Supervisor Date

[Signature] 2-11-2016  
Supervisor Date

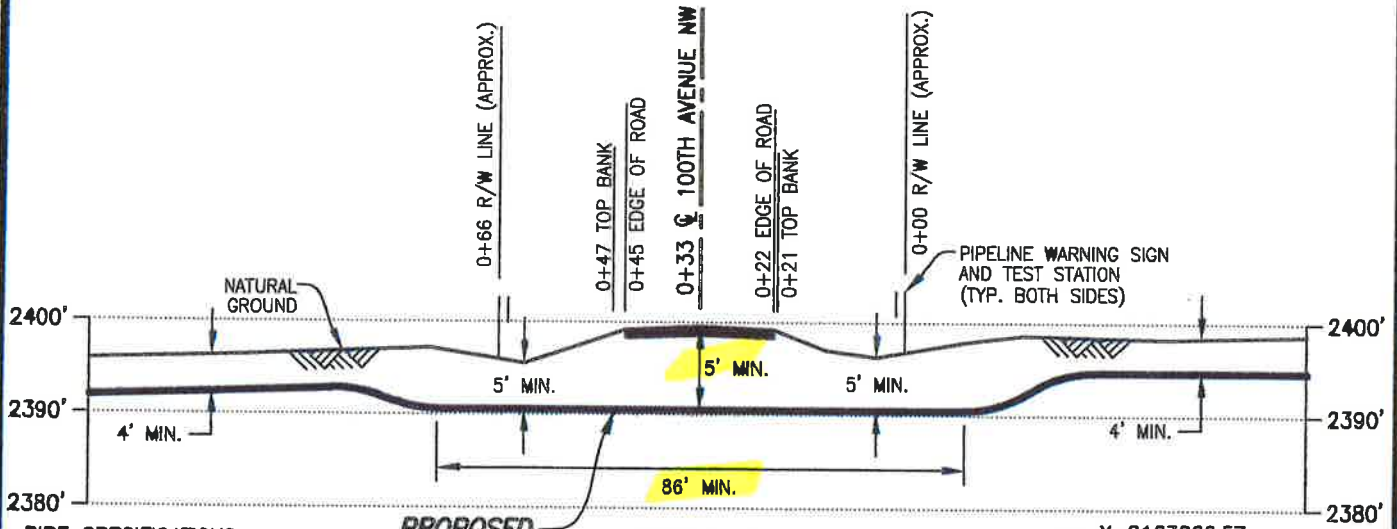
ND-WI-003.900  
100' AVE. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 35 & 36, TOWNSHIP 156 NORTH, RANGE 95 WEST



**PLAN**  
SCALE: 1"=30'



**PROFILE**  
SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2163666.57  
Y=17554533.76

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  100TH AVENUE NW AT STA. 0+33, ELEV. 2399.55'

**PIPE SPECIFICATIONS**  
PIPE 12.75" O.D. x 0.500" W.T.  
API 5LX-52 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	07/07/15	JWH	ISSUED FOR USE/PERMIT	EDF
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	JTM	ISSUED FOR REVIEW	



DAKOTA ACCESS, LLC

**PROPOSED 12" DAPL PIPELINE CROSSING**

**100TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 11/08/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-003.900	C
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB--003.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

CONSENT FOR UTILITY COMPANY TO CROSS A  
PUBLIC ROAD OR SECTION ROAD

Dakota Access, LLC (Company) of 1300 MAIN STREET, Houston, TX 77002 (Address)

hereinafter referred to as "utility company", having requested permission from Pleasant Valley Township, a political subdivision of the State of North Dakota, to cross an existing road or section line with a buried transmission facility designed to carry or conduct oil, gas, water, electricity, telephone, or any other substance or service whatsoever, and Pleasant Valley Township having considered the request does grant consent to cross the following described existing road or section line, upon the terms and conditions herein stated:

(Please include 911 Route #) North of 60th Street

Route 101 AVE NW in Section(s) 34/35, Township 156 N, Range 95 W

(Attach maps and construction plans)

At a minimum, acceptable plans will include method of crossing existing roads or section lines and size and material used for the buried facility.

Consent to cross such existing road or section line is granted on these terms and conditions:

1. Pay a fee **\$500.00** per crossing to Pleasant Valley Township.
2. Utility company must pay for all damage to the existing road caused by its activities, including but not limited to slumping in of trenches and collapse of pipe.
3. Utility company is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in crossing any existing road or section line in Pleasant Valley Township. Furthermore, utility company agrees to indemnify and hold harmless Pleasant Valley Township 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 Pleasant Valley Township on account of the activities conducted by the utility company in crossing any existing road or section line.
4. When the utility company crosses an existing road or a section line, the utility company shall be responsible to pay for all costs of moving, relocating, or reconstructing the buried transmission facility should Pleasant Valley Township 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 law. Should the utility company fail to take necessary steps to relocate or reconstruct its buried transmission facility, the Township may take steps to have the same accomplished, and the utility company agrees to reimburse the Township for all expenses incurred by Pleasant Valley Township in moving, relocating or reconstructing the buried transmission facility 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.

ND-WI-005.900  
101 AVE NW

5. The buried transmission facility to be installed by the utility company in crossing any existing road shall at a minimum comply with the following engineering standards:
- (a) Township paved roads or Township roads treated with road stabilization materials may only be bored.
  - (b) All crossings of existing roads not trenched as in Section 5 below shall be bored to a depth of five (5) feet below original ground or ditch elevations.
  - (c) Pipe shall be cased or heavy wall pipe used.
  - (d) All parallel borings must be a minimum of 75-80 feet from road centerline.
  - (e) Vent pipes must be outside existing right-of-way lines or 75-80 feet from road center, whichever is greater.
  - (f) All disturbed ground within right-of-way must be rehabilitated by covering with black dirt and seeding with an approved mix.
  - (g) If vent pipes are not used within the (10) feet of both sides of right-of-way, the transmission facility must have markers outside of the right-of-way line or 80 foot line, whichever is greater, on both sides of the road.
  - (h) The Company's plan to bury a transmission facility filed with the Township Clerk must show at a minimum, in plain view and cross sectional view, the location of the crossing from a section or quarter line; section, township and range the crossing is located in; the location of vent pipes, if any, in proximity to the crossing; and the angle of crossing.
  - (i) The Company's plan must be submitted to the Township Clerk for review prior to consideration by the Pleasant Valley Township Board. Plans must be available for consideration by the Board at least two (2) weeks prior to the commencement of the project.
6. When permission is specifically granted by the Pleasant Valley Township for a crossing to be trenched or plowed, the trenching or plowing may be no more than eight (8) inches inwidth. The Company will apply surfacing materials and pack the site, returning it as close as possible to the original compaction. The Company will be responsible for all such crossings for a period of three (3) years, repairing during those three (3) years any damages to the road resulting from their activity. Any crossing which cannot be accomplished with this method must be bored.
7. Utility company must comply with all terms and conditions stated herein, with particular attention to the minimum engineering standards. Failure to comply with this **CONDITIONAL CONSENT** shall cause the consent to be rescinded and utility company must remove facility from right-of-way immediately or be responsible for the costs incurred by the Township in removing the same. The Township specifically reserves the right to remove the buried transmission facility from right-of-way for non-compliance and reimbursement will be made to the Township by utility company for doing the same.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated herein.

ND-WI-005.900  
101 AVE NW

Dated this 1 day of February 20 16

  
Authorized Agent of Utility Company - signature

Light of Way

(713) 989-2864  
Telephone Number

Township Clerk: Please return a copy of the signed permit to:

Claire Cunningham  
Company or Agent Name

1100 Weiss Avenue  
Mailing Address

Bismarck, ND 58503  
City, State & Zip Code

Permission granted by Pleasant Valley Township, a political subdivision of the State of North Dakota for installation of the buried transmission facility proposed above under existing roads and section lines as stated above pursuant to the conditions and limitations stated this 1 day of February 20 16

Signature of Township Board

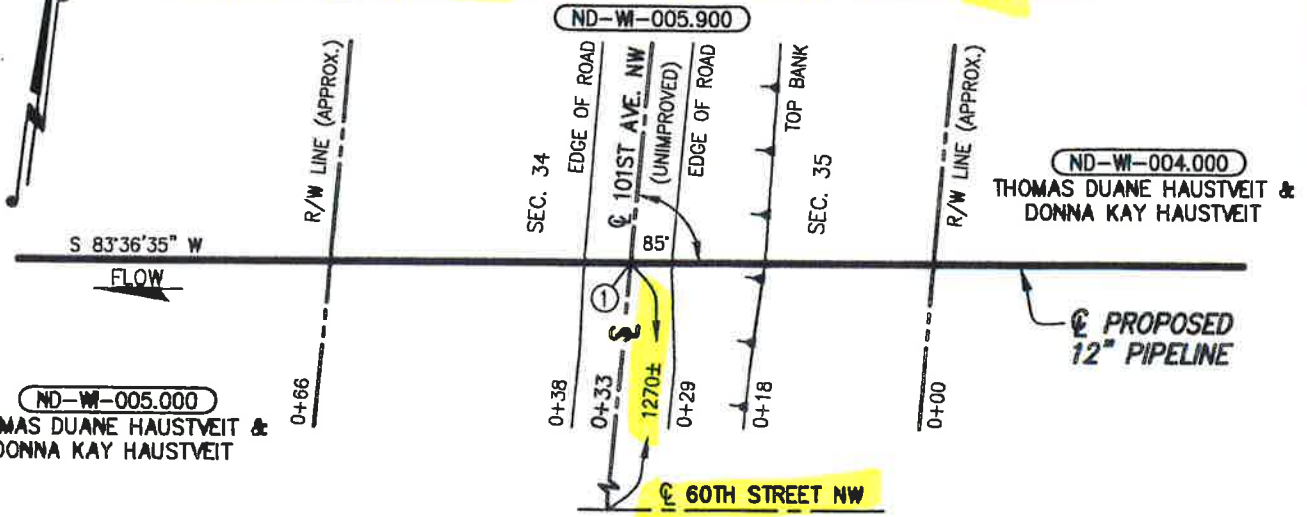
Jon Kessel 2-11-2016  
Chairman Date

Craig Postouit 2-11-2016  
Supervisor Date

B. M. [Signature] 2-11-2016  
Supervisor Date

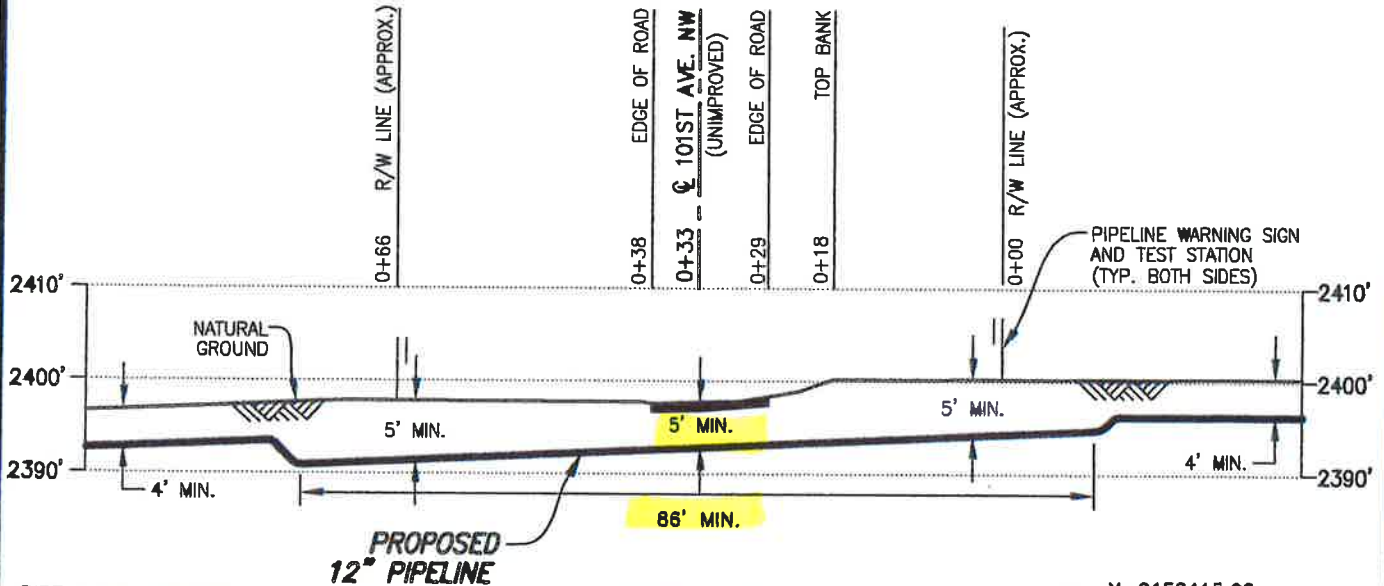
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 34 & 35, TOWNSHIP 156 NORTH, RANGE 95 WEST



## PLAN

SCALE: 1"=20'



## PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 12.75" O.D. x 0.500" W.T.  
 API 5LX-52 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: OPEN CUT  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=2158415.02  
Y=17553977.32

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13. NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  101ST AVENUE NW (UNIMPROVED) AT STA. 0+33, ELEV. 2397.74'

REV.	DATE	BY	DESCRIPTION	CHK.
C	07/07/15	JWH	ISSUED FOR USE/PERMIT	EDF
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	OP	ISSUED FOR USE/PERMIT	



DAKOTA ACCESS, LLC

## PROPOSED 12" DAPL PIPELINE CROSSING 101ST AVENUE NW (UNIMPROVED)

WILLIAMS COUNTY NORTH DAKOTA

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: RG	DATE: 03/17/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	ND-WI-005.900	C
SCALE: AS SHOWN	APP.:		

FILE: R: c:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB.dwg 03-17-2015 10:39:57 AM BY: HARBOLT, JASON



PERMIT NO. 11-2-07-1547

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 Main Street, Houston, TX 77002 to Bore a 12.75" CRUDE oil pipeline

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 23 located

between the following Township and Range sections:

S - <sup>33 + 34</sup> ~~34 + 35~~ T - 156 N R - 95 W  
Pleasant Valley (34 + 35)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-008900  
CR # 23

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

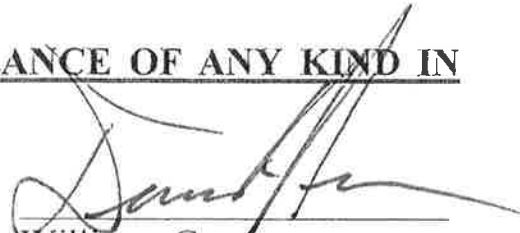
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

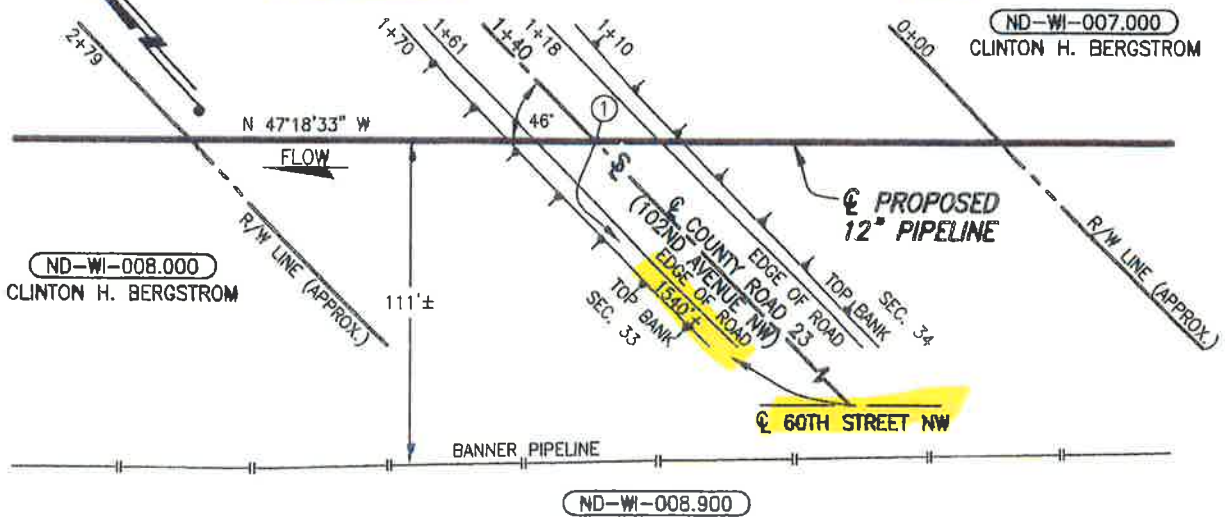
By   
Vice President, Land and Right of Way  
Phone \_\_\_\_\_

Date: 1/29/16

ND-W01-008900  
CR # 23

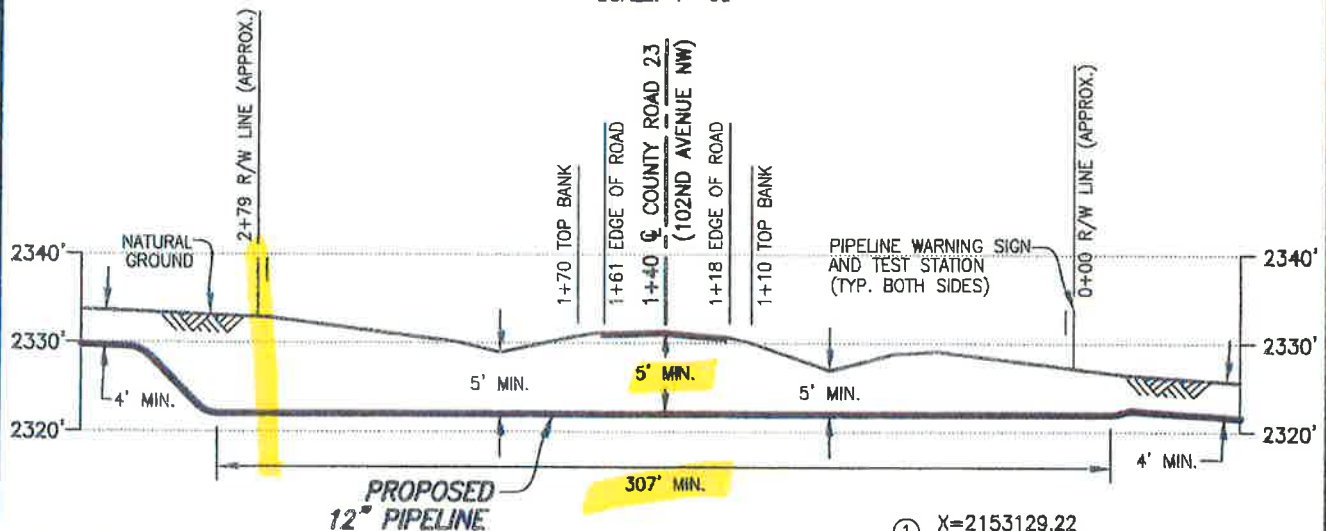
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 34 & 33, TOWNSHIP 156 NORTH, RANGE 95 WEST



## PLAN

SCALE: 1"=60'



### PIPE SPECIFICATIONS

PIPE 12.75" O.D. x 0.500" W.T.  
 API 5LX-52 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: **BORE**  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

### PROFILE

SCALE: 1"=60' HORIZ.  
 1"=20' VERT.

① X=2153129.22  
 Y=17554099.46

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.: ☉ COUNTY ROAD 23 (102ND AVENUE NW)  
 AT STA. 1+40, ELEV. 2331.37'

REV.	DATE	BY	DESCRIPTION	CHK.
C	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	CHA	ISSUED FOR REVIEW	

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 12" DAPL PIPELINE CROSSING COUNTY ROAD 23 (102ND AVENUE NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-008.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R: c:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-.dl-008.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

Robert Rose  
Print Name

Permit # 11-2-07-1547

  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 23

2/24/16  
Date

Township Pleasant Valley

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-066

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondav@co.williams.nd.us](mailto:rhondav@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 1300 main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Pleasant Valley

Section-Township-Range (S-33)(T-15(N))(R-95(W))

Location in Section S-33 SE 1/4

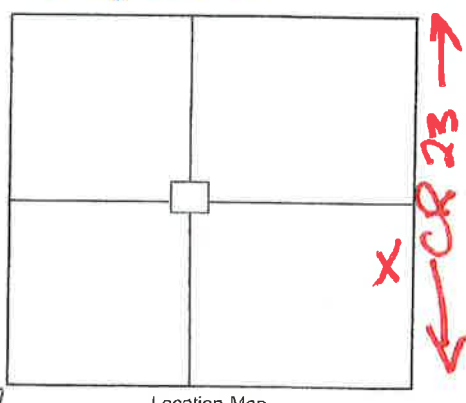
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_



Accessing: County Road #23  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
 Owner/Applicant (Print and Sign)  
 \_\_\_\_\_  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date  
2/29/16  
 Date

ND-WI-008900  
West Side  
CR #23

### WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-645

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner DAKOTA ACCESS, LLC

Address 1300 MAIN STREET, HOUSTON, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Pleasant Valley

Section-Township-Range (S-34)(T-156N)(R-95W)

Location in Section S-34 SW 1/4

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other PIPELINE

Additional Information \_\_\_\_\_

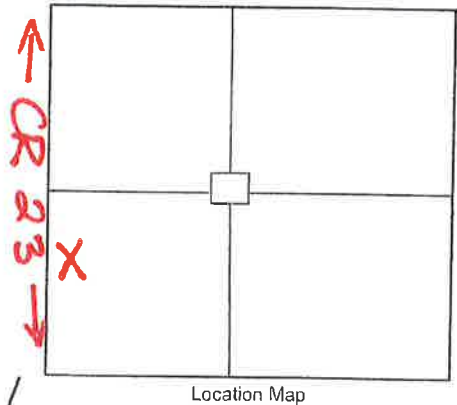
Accessing: County Road # 23  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required.



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)

Monty H. Best  
Williams County Authorized Signature

\_\_\_\_\_  
Phone Number

Williams County Highway  
\_\_\_\_\_  
Agency

1/29/16  
Date

2/29/16  
Date

ND-WI-008.900  
EAST SIDE  
(0#72

CONSENT FOR UTILITY COMPANY TO CROSS A  
PUBLIC ROAD OR SECTION ROAD

Dakota Access, LLC Of 1300 MAIN STREET, Houston, TX 77002  
(Company) (Address)

hereinafter referred to as "utility company", having requested permission from Pleasant Valley Township, a political subdivision of the State of North Dakota, to cross an existing road or section line with a buried transmission facility designed to carry or conduct oil, gas, water, electricity, telephone, or any other substance or service whatsoever, and Pleasant Valley Township having considered the request does grant consent to cross the following described existing road or section line, upon the terms and conditions herein stated:

(Please include 911 Route #) North of 60th Street

Route 103 AVE NW in Section(s) 32/33, Township 156 N, Range 95 W

(Attach maps and construction plans)

At a minimum, acceptable plans will include method of crossing existing roads or section lines and size and material used for the buried facility.

Consent to cross such existing road or section line is granted on these terms and conditions:

1. Pay a fee **\$500.00** per crossing to Pleasant Valley Township.
2. Utility company must pay for all damage to the existing road caused by its activities, including but not limited to slumping in of trenches and collapse of pipe.
3. Utility company is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in crossing any existing road or section line in Pleasant Valley Township. Furthermore, utility company agrees to indemnify and hold harmless Pleasant Valley Township 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 Pleasant Valley Township on account of the activities conducted by the utility company in crossing any existing road or section line.
4. When the utility company crosses an existing road or a section line, the utility company shall be responsible to pay for all costs of moving, relocating, or reconstructing the buried transmission facility should Pleasant Valley Township 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 law. Should the utility company fail to take necessary steps to relocate or reconstruct its buried transmission facility, the Township may take steps to have the same accomplished, and the utility company agrees to reimburse the Township for all expenses incurred by Pleasant Valley Township in moving, relocating or reconstructing the buried transmission facility 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.

ND-w1-011.523.900  
103 ave NW

5. The buried transmission facility to be installed by the utility company in crossing any existing road shall at a minimum comply with the following engineering standards:
- (a) Township paved roads or Township roads treated with road stabilization materials may only be bored.
  - (b) All crossings of existing roads not trenched as in Section 5 below shall be bored to a depth of five (5) feet below original ground or ditch elevations.
  - (c) Pipe shall be cased or heavy wall pipe used.
  - (d) All parallel borings must be a minimum of 75-80 feet from road centerline.
  - (e) Vent pipes must be outside existing right-of-way lines or 75-80 feet from road center, whichever is greater.
  - (f) All disturbed ground within right-of-way must be rehabilitated by covering with black dirt and seeding with an approved mix.
  - (g) If vent pipes are not used within the (10) feet of both sides of right-of-way, the transmission facility must have markers outside of the right-of-way line or 80 foot line, whichever is greater, on both sides of the road.
  - (h) The Company's plan to bury a transmission facility filed with the Township Clerk must show at a minimum, in plain view and cross sectional view, the location of the crossing from a section or quarter line; section, township and range the crossing is located in; the location of vent pipes, if any, in proximity to the crossing; and the angle of crossing.
  - (i) The Company's plan must be submitted to the Township Clerk for review prior to consideration by the Pleasant Valley Township Board. Plans must be available for consideration by the Board at least two (2) weeks prior to the commencement of the project.
6. When permission is specifically granted by the Pleasant Valley Township for a crossing to be trenched or plowed, the trenching or plowing may be no more than eight (8) inches in width. The Company will apply surfacing materials and pack the site, returning it as close as possible to the original compaction. The Company will be responsible for all such crossings for a period of three (3) years, repairing during those three (3) years any damages to the road resulting from their activity. Any crossing which cannot be accomplished with this method must be bored.
7. Utility company must comply with all terms and conditions stated herein, with particular attention to the minimum engineering standards. Failure to comply with this **CONDITIONAL CONSENT** shall cause the consent to be rescinded and utility company must remove facility from right-of-way immediately or be responsible for the costs incurred by the Township in removing the same. The Township specifically reserves the right to remove the buried transmission facility from right-of-way for non-compliance and reimbursement will be made to the Township by utility company for doing the same.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated herein.

ND-WI-011.523.900  
103 AVE NW

Dated this 1 day of February 20 16

[Signature]  
Authorized Agent of Utility Company - signature

(713) 989-2864  
Telephone Number

Township Clerk: Please return a copy of the signed permit to:

Claire Cunningham  
Company or Agent Name

1100 Weiss Avenue  
Mailing Address

Bismarck, ND 58503  
City, State & Zip Code

Permission granted by Pleasant Valley Township, a political subdivision of the State of North Dakota for installation of the buried transmission facility proposed above under existing roads and section lines as stated above pursuant to the conditions and limitations stated this 11 day of February 2016.

Signature of Township Board

[Signature] 2-11-2016  
Chairman Date

[Signature] 2-11-2016  
Supervisor Date

[Signature] 2-11-2016  
Supervisor Date

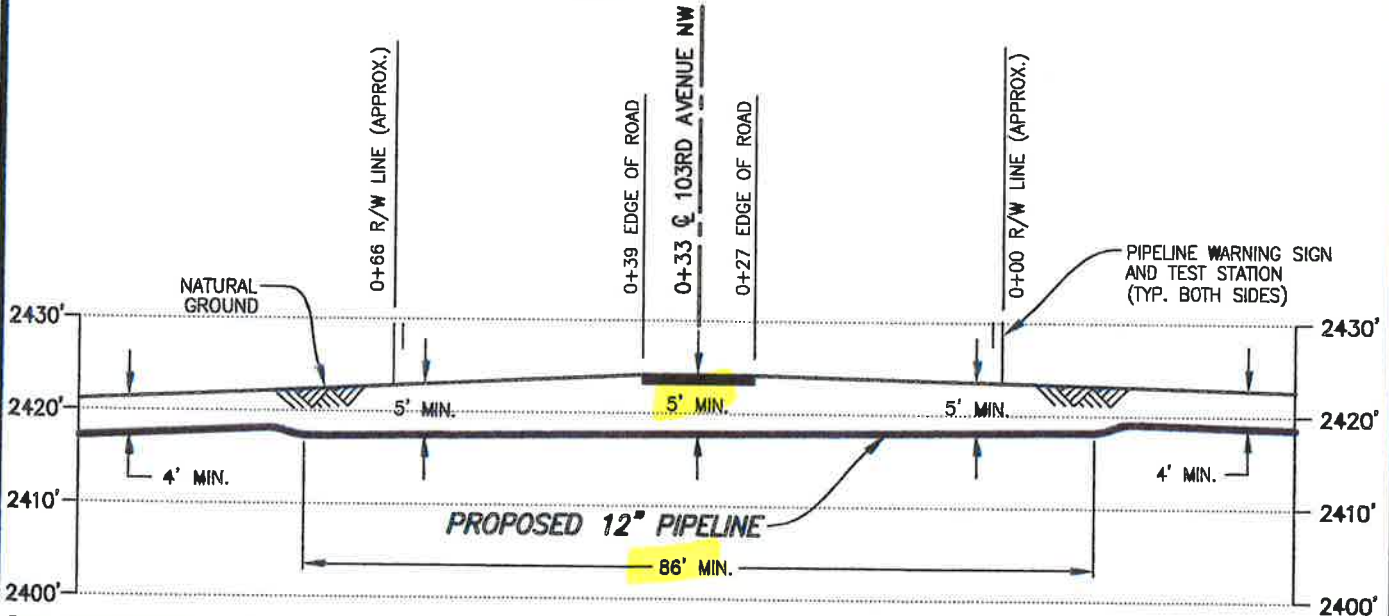
ND-W1-011-523.90  
103 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 32 & 33, TOWNSHIP 156 NORTH, RANGE 95 WEST



**PLAN**  
SCALE: 1" = 20'



**PROFILE**  
SCALE: 1" = 20' HORIZ.  
1" = 20' VERT.

① X=2147774.58  
Y=17556426.72

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: EDGE OF 103RD AVENUE NW AT STA. 0+39, ELEV. 2423.97'

**PIPE SPECIFICATIONS**  
PIPE 12.75" O.D. x 0.500" W.T.  
API 5LX-52 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC



### PROPOSED 12" DAPL PIPELINE CROSSING 103RD AVENUE NW

PROJECT NO. **10395700**  
**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PM	DATE: 02/19/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-011.523.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB--  
-011.523.900.dwg PLOT DATE: 5/6/2015 BY: VILLARREAL, PHIL

CONSENT FOR UTILITY COMPANY TO CROSS A  
PUBLIC ROAD OR SECTION ROAD

Dakota Access, LLC of 1300 MAIN STREET, Houston, TX 77002  
(Company) (Address)

hereinafter referred to as "utility company", having requested permission from Pleasant Valley Township, a political subdivision of the State of North Dakota, to cross an existing road or section line with a buried transmission facility designed to carry or conduct oil, gas, water, electricity, telephone, or any other substance or service whatsoever, and Pleasant Valley Township having considered the request does grant consent to cross the following described existing road or section line, upon the terms and conditions herein stated:

(Please include 911 Route #) North of 60th Street

Route 104 AVENUE in Section(s) 31/32, Township 156 N, Range 95 W

(Attach maps and construction plans)

At a minimum, acceptable plans will include method of crossing existing roads or section lines and size and material used for the buried facility.

Consent to cross such existing road or section line is granted on these terms and conditions:

1. Pay a fee **\$500.00** per crossing to Pleasant Valley Township.
2. Utility company must pay for all damage to the existing road caused by its activities, including but not limited to slumping in of trenches and collapse of pipe.
3. Utility company is responsible for any and all claims of damage, personal injury, or bodily injury that might result from their activities in crossing any existing road or section line in Pleasant Valley Township. Furthermore, utility company agrees to indemnify and hold harmless Pleasant Valley Township 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 Pleasant Valley Township on account of the activities conducted by the utility company in crossing any existing road or section line.
4. When the utility company crosses an existing road or a section line, the utility company shall be responsible to pay for all costs of moving, relocating, or reconstructing the buried transmission facility should Pleasant Valley Township 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 law. Should the utility company fail to take necessary steps to relocate or reconstruct its buried transmission facility, the Township may take steps to have the same accomplished, and the utility company agrees to reimburse the Township for all expenses incurred by Pleasant Valley Township in moving, relocating or reconstructing the buried transmission facility 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.

ND-WI-017.900  
104 AVE NW

5. The buried transmission facility to be installed by the utility company in crossing any existing road shall at a minimum comply with the following engineering standards:
- (a) Township paved roads or Township roads treated with road stabilization materials may only be bored.
  - (b) All crossings of existing roads not trenched as in Section 5 below shall be bored to a depth of five (5) feet below original ground or ditch elevations.
  - (c) Pipe shall be cased or heavy wall pipe used.
  - (d) All parallel borings must be a minimum of 75-80 feet from road centerline.
  - (e) Vent pipes must be outside existing right-of-way lines or 75-80 feet from road center, whichever is greater.
  - (f) All disturbed ground within right-of-way must be rehabilitated by covering with black dirt and seeding with an approved mix.
  - (g) If vent pipes are not used within the (10) feet of both sides of right-of-way, the transmission facility must have markers outside of the right-of-way line or 80 foot line, whichever is greater, on both sides of the road.
  - (h) The Company's plan to bury a transmission facility filed with the Township Clerk must show at a minimum, in plain view and cross sectional view, the location of the crossing from a section or quarter line; section, township and range the crossing is located in; the location of vent pipes, if any, in proximity to the crossing; and the angle of crossing.
  - (i) The Company's plan must be submitted to the Township Clerk for review prior to consideration by the Pleasant Valley Township Board. Plans must be available for consideration by the Board at least two (2) weeks prior to the commencement of the project.
6. When permission is specifically granted by the Pleasant Valley Township for a crossing to be trenched or plowed, the trenching or plowing may be no more than eight (8) inches in width. The Company will apply surfacing materials and pack the site, returning it as close as possible to the original compaction. The Company will be responsible for all such crossings for a period of three (3) years, repairing during those three (3) years any damages to the road resulting from their activity. Any crossing which cannot be accomplished with this method must be bored.
7. Utility company must comply with all terms and conditions stated herein, with particular attention to the minimum engineering standards. Failure to comply with this **CONDITIONAL CONSENT** shall cause the consent to be rescinded and utility company must remove facility from right-of-way immediately or be responsible for the costs incurred by the Township in removing the same. The Township specifically reserves the right to remove the buried transmission facility from right-of-way for non-compliance and reimbursement will be made to the Township by utility company for doing the same.

I, the undersigned, being an authorized agent of the utility company described in the above, do hereby agree on behalf of the utility company that all terms and conditions above will be complied with, and any assignment of this buried transmission facility described above shall include an assignment of this liability to comply with the terms and conditions as stated herein.

ND-W1-017.900  
104 AVE NW

Dated this 11 day of February 20 16

[Signature]  
Authorized Agent of Utility Company - signature

Telephone Number

Township Clerk: Please return a copy of the signed permit to:

Claire Cunningham  
Company or Agent Name

1100 Weiss Avenue  
Mailing Address

Bismarck, ND 58503  
City, State & Zip Code

Permission granted by Pleasant Valley Township, a political subdivision of the State of North Dakota for installation of the buried transmission facility proposed above under existing roads and section lines as stated above pursuant to the conditions and limitations stated this 11 day of February 20 16

Signature of Township Board

[Signature] 2-11-2016  
Chairman Date

[Signature] 2-11-2016  
Supervisor Date

[Signature] 2-11-2016  
Supervisor Date

ND-WI-D17.900  
104 ADE NW

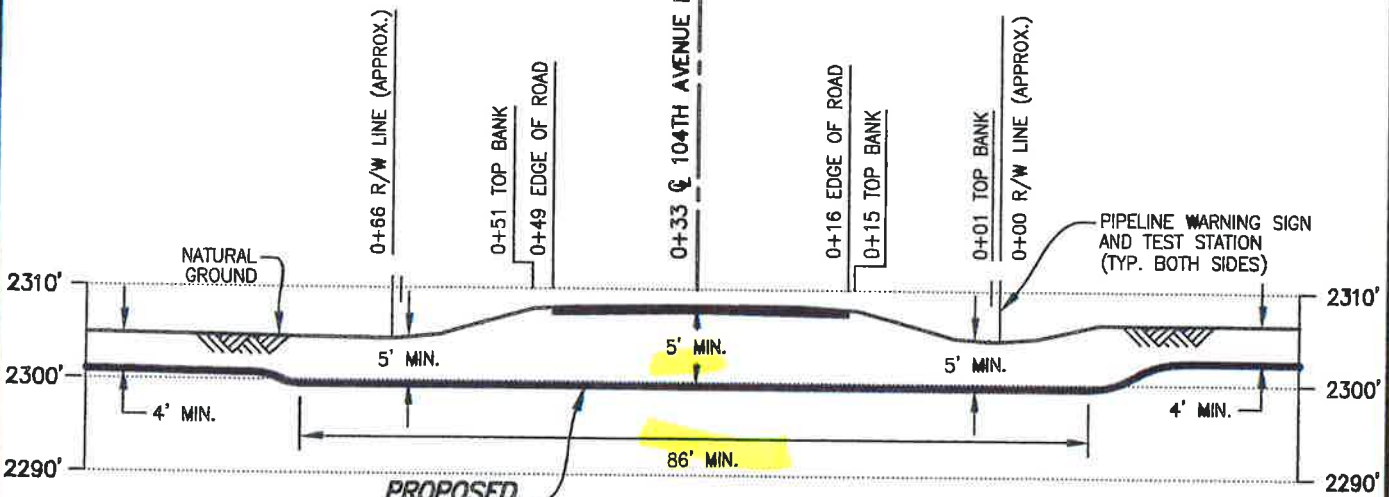
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 31 & 32, TOWNSHIP 156 NORTH, RANGE 95 WEST

ND-W-017.900

ND-MT-016.000  
RAYMOND DILLAND

ND-MT-017.000  
JENICE DAVIDSON



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=20' HORIZ.  
 1"=20' VERT.

① X=2142576.36  
 Y=17553897.98

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  104TH AVENUE NW  
 AT STA. 0+33, ELEV. 2308.22'

REV.	DATE	BY	DESCRIPTION	RC	CHK.
A	08/21/15	PRV	ISSUED FOR USE/PERMIT		

PROJECT NO. 10395700

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
 104TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: RG	DATE: 04/30/15	DWG. NO.	REV.
CHECKED BY:	DATE:	ND-WI-017.900	A
SCALE: AS SHOWN	APP.:		

FILE: F:\cts\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P6.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL



PERMIT NO. 11-2-07-1563

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 MAIN STREET, Houston, TX 77002 to BORE <sup>(Applicant)</sup> a 20" CRUDE OIL PIPELINE <sub>(place or bore)</sub>

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 8 located between the following Township and Range sections:

(S-6/31) (T-155/156N) (R-95W)  
(31) PLEASANT VALLEY + DRY FORK (6)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-W1-017.905  
CR #8

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way  
Phone \_\_\_\_\_

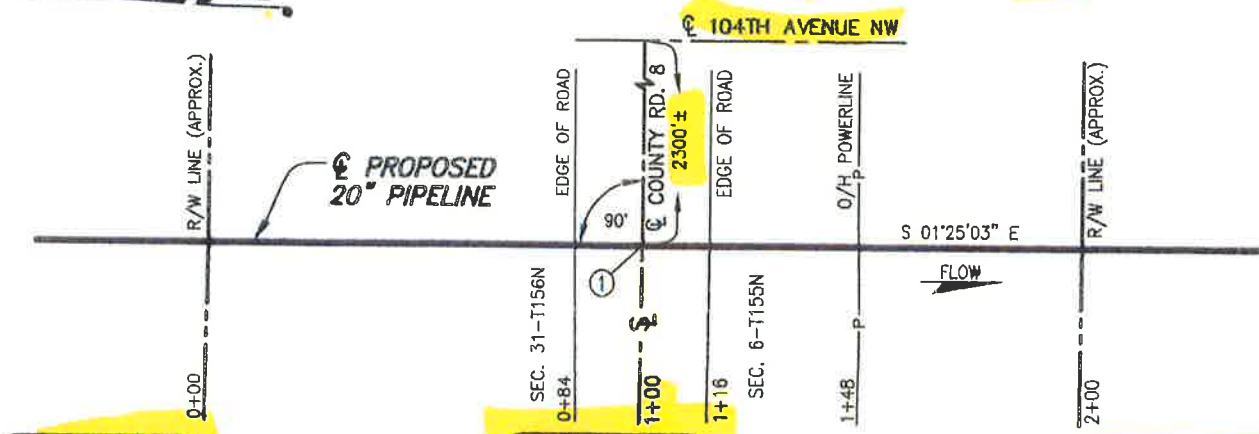
Date: 1/29/14

  
100'

ND 01-017-905  
CR #8

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 6 & 31, TOWNSHIPS 155 & 156 NORTH, RANGE 95 WEST



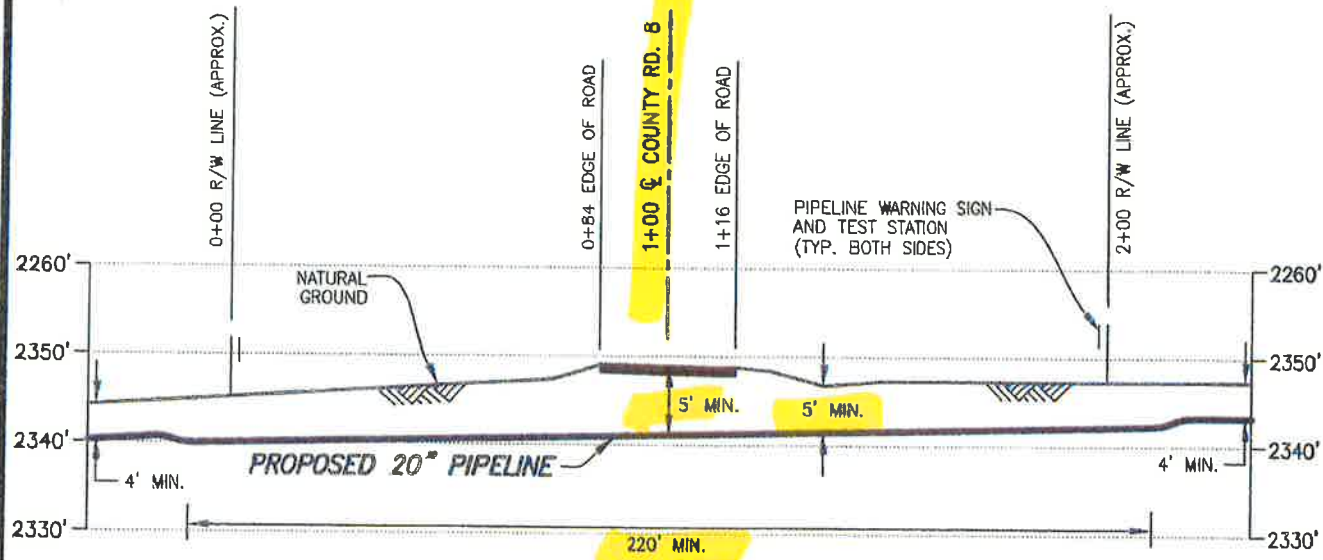
**ND-WI-017.000**  
JENICE DAVIDSON

**ND-WI-017.905CR**

**ND-WI-017.200**  
LOUIS IVERSON, JR.  
REVOCABLE LIVING TRUST

### PLAN

SCALE: 1" = 40'



### PROFILE

SCALE: 1" = 40' HORIZ.  
1" = 20' VERT.

① X=2140328.50  
Y=17552175.55

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  COUNTY ROAD 8  
AT STA. 1+00, ELEV. 2348.95'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
A	04/15/15	JTM	ISSUED FOR USE/PERMIT	



## PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 8

PROJECT NO. **10395700**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: JTM	DATE: 04/10/15	DWG. NO.	REV.
CHECKED BY:	DATE:	<b>ND-WI-017.905CR</b>	<b>A</b>
SCALE: AS SHOWN	APP.:		

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

FILE: R:\...103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-A.dwg PLOT DATE: 4/16/2015 BY: MADAMBA, JOEY



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

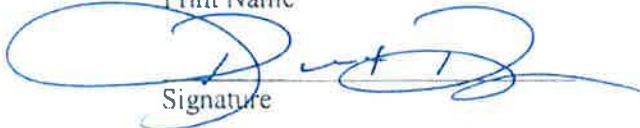
Signed by:  
Company Name

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1563

  
Signature

Invoice # 8859

(713) 989-2804  
Phone Number

Co. Rd # 8

2/24/14  
Date

Township PLEASANT VALLEY + DRY FORK

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name DRY FORK

Section-Township-Range (S-6)(T-155N)(R-95W)

Location in Section S-6 NE 1/4

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other

Additional Information \_\_\_\_\_

Accessing: County Road CR #8  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

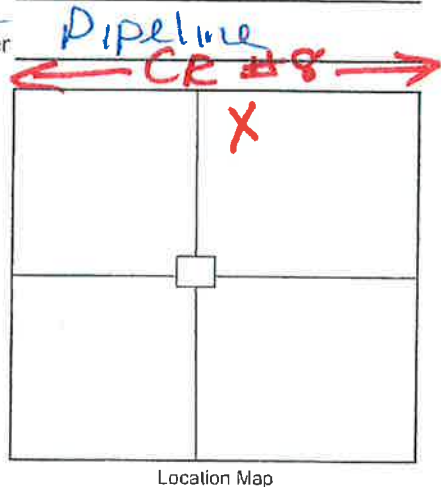
Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required.

Permit # <u>11-2-08-667</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant(Print and Sign)

Phone Number \_\_\_\_\_

Date 1/29/16

[Signature]  
Williams County Authorized Signature

Williams County Highway Agency

Date 2/29/16

ND-WI-017.905  
CR #8  
South Side

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-668

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner DAKOTA ACCESS, LLC

Address 1300 main STREET, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

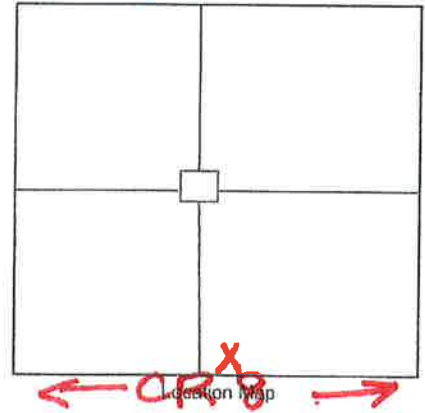
Township Name Pleasant Valley Section-Township-Range (S-31)(T-156W)  
 Location in Section S-31 SE 1/4 (R-95W)

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Accessing: County Road CR # 8  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***  
 Remarks: 18" cmp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
 Owner/Applicant (Print and Sign)  
[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date  
2/29/16  
 Date

ND-W1-017.905  
CR # 8  
North Side



PERMIT NO. 11-2-07-1562

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA Access, LLC whose address is 1300 Main STREET, Houston, Tx 77002 to bore a 20" CRUDE oil pipeline

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 21 located between the following Township and Range sections:

(S-6/1) (T-155) (R-95/96)  
(1) FARMVALE + DRY FORK (6)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-01-019-900  
CR #21

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

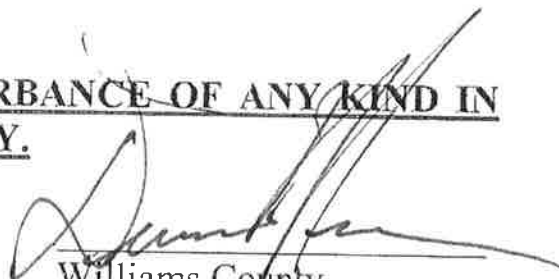
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 7/29/16

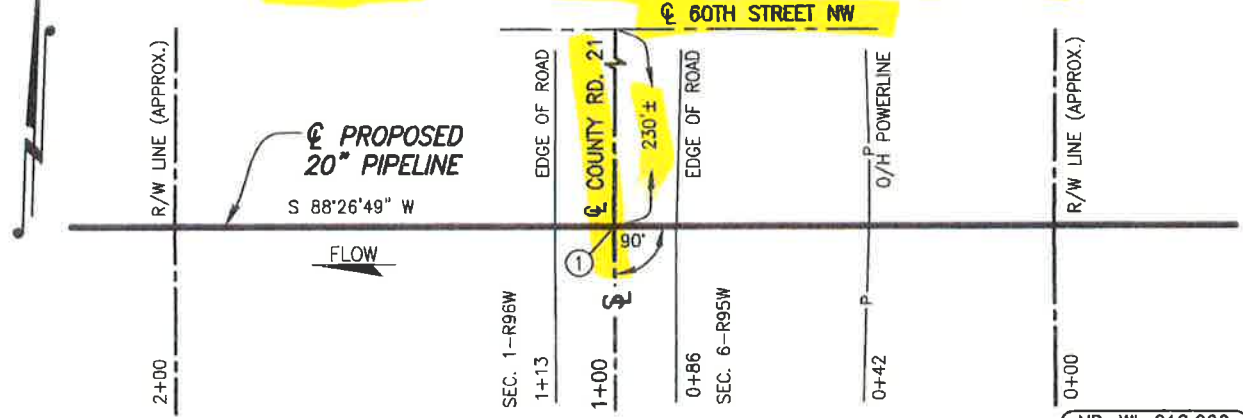
Phone \_\_\_\_\_

180'

ND-WI-019.900  
CR #21

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 1 & 6, TOWNSHIP 155 NORTH, RANGES 95 & 96 WEST



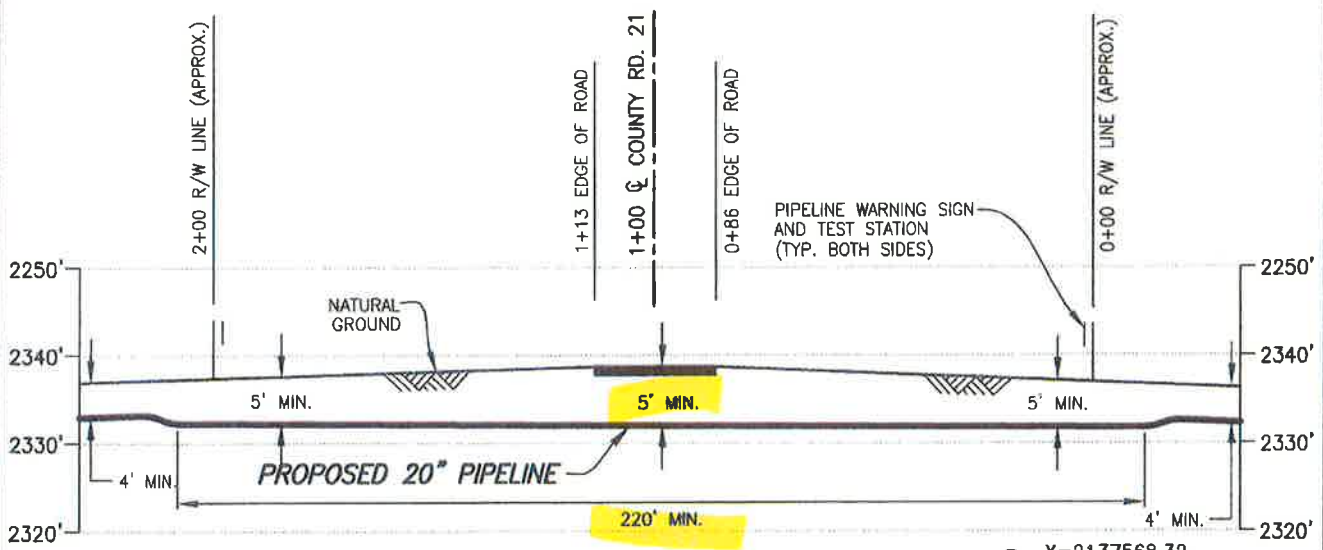
ND-WI-019.200  
JAMES T. IVERSON

ND-WI-019.900

ND-WI-018.200  
LOUIS IVERSON, JR.  
REVOCABLE LIVING TRUST

### PLAN

SCALE: 1"=40'



### PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=2137568.32  
Y=17551868.37

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: EDGE OF COUNTY ROAD 21 AT STA. 1+00, ELEV. 2338.68'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
D	12/10/15	JTM	ISSUED FOR USE/PERMIT	RC
C	09/18/15	PRV	ISSUED FOR USE/PERMIT	RC
B	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	CH



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 21

PROJECT NO. 10395700

WILLIAMS COUNTY NORTH DAKOTA

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: PM	DATE: 02/20/15	DWG. NO.	REV.
CHECKED BY: CH	DATE: 03/02/15	ND-WI-019.900	D
SCALE: AS SHOWN	APP.:		

FILE: R:\P\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957--P8--ND 19.900.dwg PLOT DATE: 12/15/2015 BY: HUMBERSON, JEREMY



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1562

  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 21

2/24/14  
Date

Township FARMVILLE + Dry Fork

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 300 Main Street, Harsta, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contacto \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name DRY FORK

Section-Township-Range (S-6)(T-155)(R-95W)

Location in Section S-6

Permit # 11-2-08-669

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

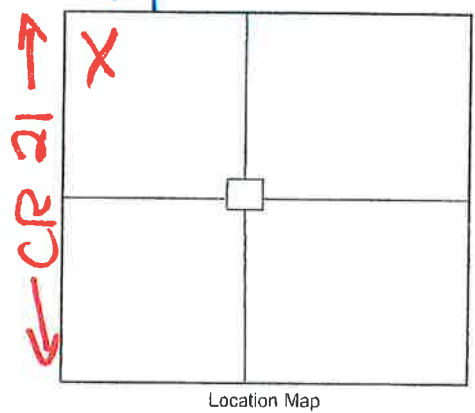
Accessing: County Road 21  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rose Dept 1  
Owner/Applicant (Print and Sign)

William Williams  
Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
Date

2/29/16  
Date

ND-WI-019.900  
CR #21  
EAST SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner DAKOTA ACCESS, LLC

Address 1300 MAIN STREET, HOUSTON, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name FARM VALLE

Section-Township-Range (S-1)(T-155N)(R-96W)

Location in Section S-1

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Accessing: County Road 21  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

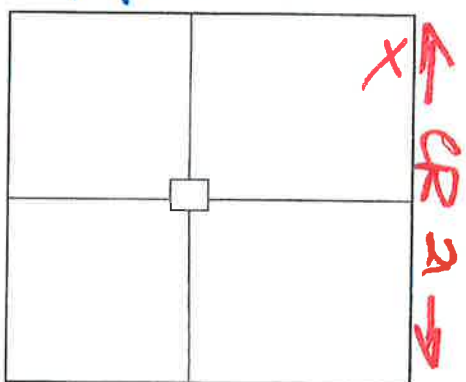
Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Permit # <u>11-2-08-670</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>



Location Map

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
Owner/Applicant(Print and Sign)

\_\_\_\_\_  
Phone Number

1/29/16  
Date

[Signature]  
Williams County Authorized Signature

\_\_\_\_\_  
Williams County Highway Agency

2/29/16  
Date

ND-W1-019.900  
CR #21  
WEST SIDE

# Farmvale Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 500.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Farmvale Township Board of Supervisors, or its representative,  
hereby grants permission to DAKOTA ACCESS, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 106 AVE NW located between the  
following Township and Range sections:  
(S-1/2) (T-155N) (R-96W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 648-9540 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Farmvale TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

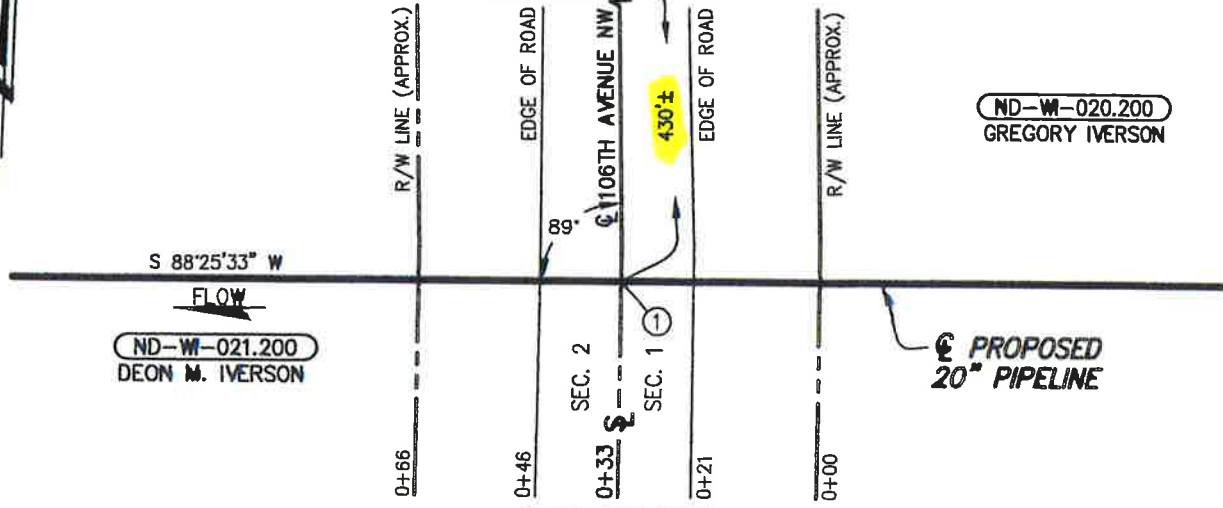
[Signature]  
Farmvale Township

Date: 1/29/14

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 1 & 2, TOWNSHIP 155 NORTH, RANGE 96 WEST

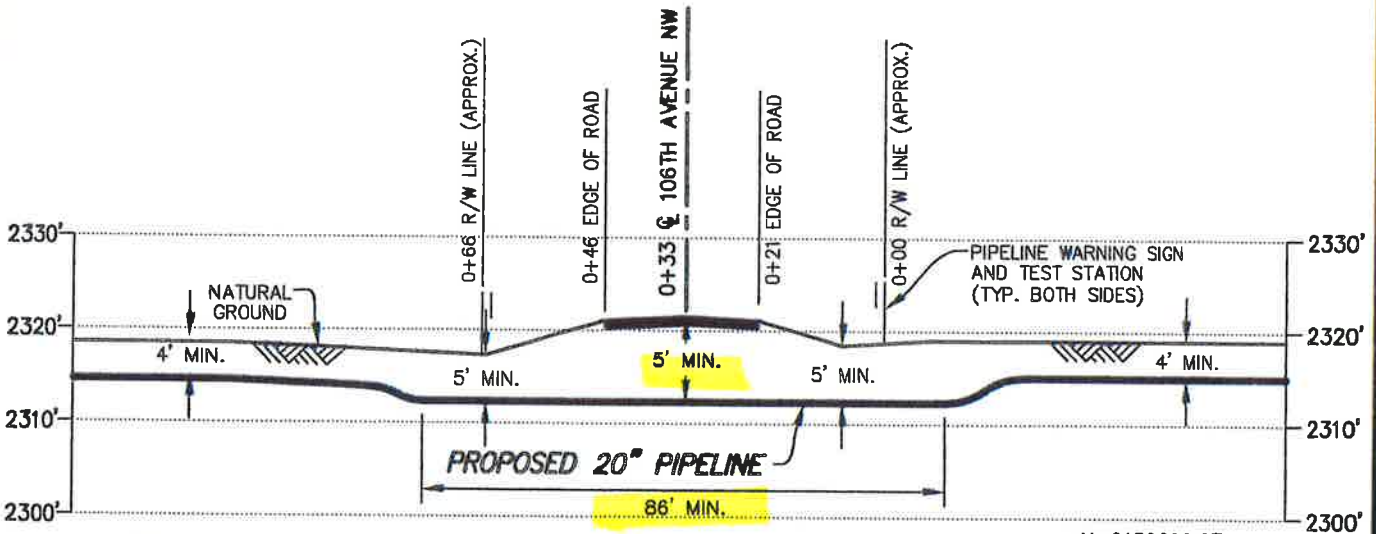
€ 60TH STREET NW



ND-W-020.910

### PLAN

SCALE: 1"=30'



### PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2132299.27  
Y=17551522.96

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: € 106TH AVENUE NW AT STA. 0+33, ELEV. 2321.49'

#### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	04/15/15	RG	ISSUED FOR USE/PERMIT	
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	CHA	ISSUED FOR REVIEW	



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING 106TH AVENUE NW

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 12/11/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-W-020.910	C
SCALE: AS SHOWN	APP.:		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-A--020.910.dwg PLOT DATE: 4/14/2015 BY: PRADO, NINO



PERMIT NO. 11-2-07-1561

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 MAIN STREET, HOUSTON, TX 77002 to BORE a 20" CRUDE OIL PIPELINE through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 19 located between the following Township and Range sections:

(S - 4/5) (T - 155N) (R - 96W)  
FARNACE (4+5)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-W1 - 028,570.900  
CR #19

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

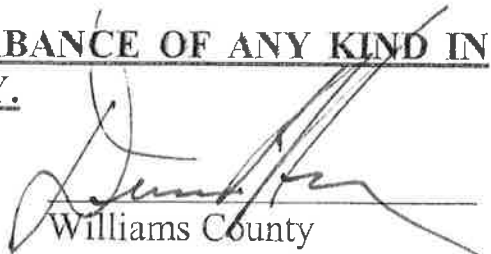
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

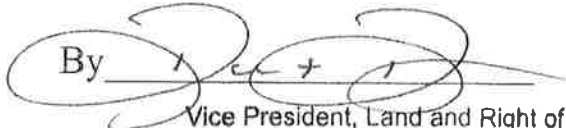
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way  
Phone \_\_\_\_\_

Date: 1/29/14

ND-01-028.50900  
CR #19

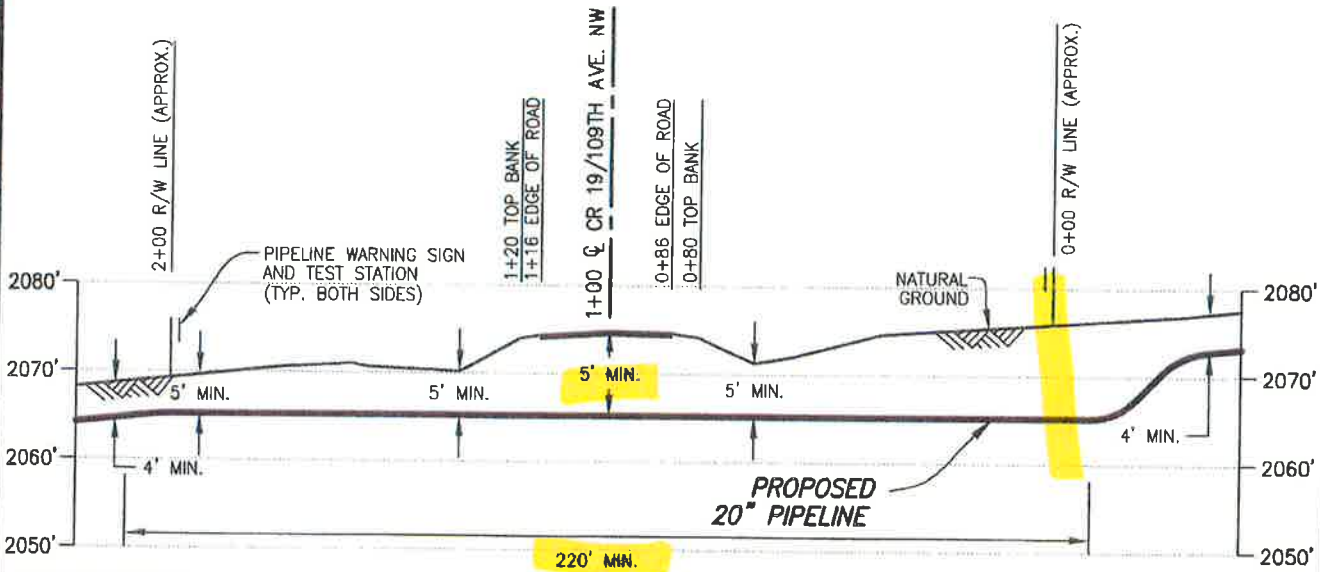
**WILLIAMS COUNTY, NORTH DAKOTA**  
**SECTIONS 4 & 5, TOWNSHIP 155 NORTH, RANGE 96 WEST**  
 § 60TH STREET NW



**ND-WI-027.200**  
 IDA ANN SHELDON

**PLAN**

SCALE: 1"=40'



**PROFILE**

SCALE: 1"=40' HORIZ.  
 1"=20' VERT.

① X=2116550.66  
 Y=17549442.66

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: § CR 19/109TH AVE. NW  
 AT STA. 1+00, ELEV. 2074.84'

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/07/15	JTM	ISSUED FOR USE/PERMIT	RC
B	04/15/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC



**PROPOSED 20" DAPL PIPELINE CROSSING  
 COUNTY ROAD 19/109TH AVENUE NW**

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 01/22/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-028.510.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Pro... 03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-4 .510.900.dwg PLOT DATE: 12/9/2015 BY: MADAMBA, JOEY



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1561

[Signature]  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 19

2/24/14  
Date

Township FARMVUE

**WILLIAMS COUNTY APPROACH PERMIT**

**APPROACH PERMIT FEE \$100.00**

**STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - (FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR))**

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

**TOTAL PERMIT FEE DUE:** \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-698</u> Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a> <b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>
---

Owner DAKOTA ACCESS, LLC

Address 1300 MAIN STREET, HAUSTON, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name FARMVALE

Section-Township-Range (S-4)(T-155N)(R-96W)

Location in Section S-4 NW 1/4

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other ACCESS FOR PERMANENT VALUE

Additional Information VALUE SITE FOR CRUDE OIL PIPELINE

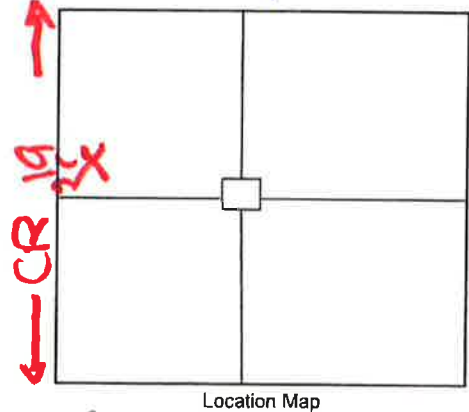
Accessing: County Road #19  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) 30'

Culvert Required:  No  Yes Size(18 inch min) 24" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 24" cmp culvert Required.



Location Map

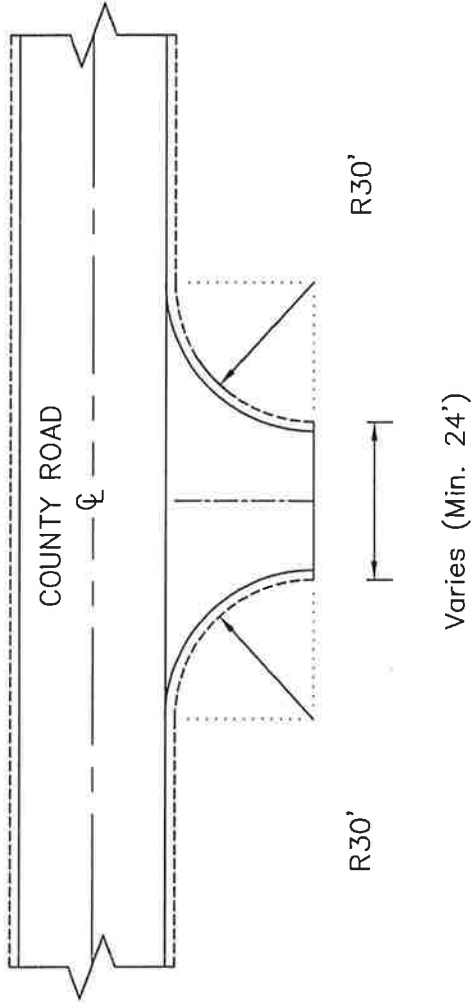
I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
 Owner/Applicant (Print and Sign)  
[Signature]  
 Williams County Authorized Signature

(713) 989-2864  
 Phone Number  
 Williams County Highway  
 Agency

1/29/16  
 Date  
3/15/16  
 Date

ND-W1-028.510.900  
CR #19  
EAST SIDE



NOTES:

- 1) Approach permit shall be obtained from the Williams County Highway Department.
- 2) Approach culverts shall be minimum of 18 inches in diameter.
- 3) Culverts shall be either corrugated metal pipe (CMP) or reinforced concrete pipe (RCP).
- 4) Road grades shall not exceed 7%.
- 5) Throat width and Radius may vary depending on the type and location of the approach.

DETAIL NO.		WILLIAMS COUNTY NORTH DAKOTA	APPROACH DESIGN STANDARD	REVISED 6/19/2014	N.T.S
------------	---	---------------------------------	-----------------------------	----------------------	-------

**Williams County Highway Department**

PO Box 1305  
Williston ND 58802-1305

Phone # (701)577-4521      rhondaw@co.williams.nd.us  
Fax # (701)577-4292

Date	Invoice #
3/16/2016	8865

Bill To
DAKOTA ACCESS LLC 1300 MAIN ST HOUSTON, TX 77022

Rep
KG

Quantity	Item Code	Description	Price Each	Amount
1	APPROACH FEE	PERMIT # 11-2-08-698 (CO 19)  <i>Perms 3-17-16 CH 001431</i>	100.00	100.00
<b>Total</b>				<b>\$100.00</b>

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-671

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 1300 main street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Farmville

Section-Township-Range (S-4)(T-155W)(R-96W)

Location in Section S-4 NW 1/4

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other ppeline

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

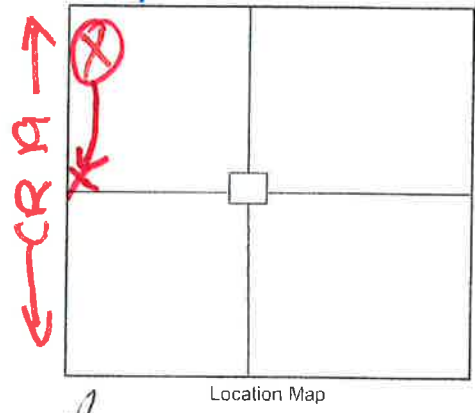
Accessing: County Road #19  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Ross Rose  
Owner/Applicant (Print and Sign)

[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
Date

2/29/16  
Date

ND-01-028.510.900  
CR # 19  
BACK SIDE

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-672

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX. 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Farmvale

Section-Township-Range (S-5)(T-155N)(R-96W)

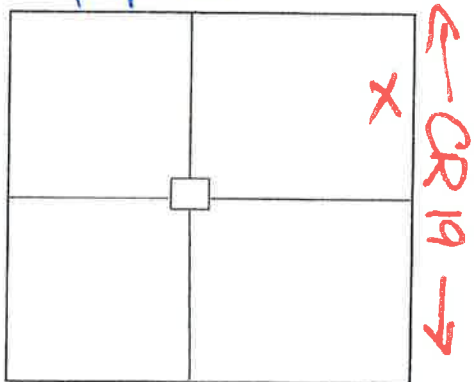
Location in Section S-5 NE 1/4

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_



Accessing: County Road 19  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***  
Remarks: 18" cmp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
Owner/Applicant (Print and Sign)

[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/14  
Date

2/29/16  
Date

ND-W1-028.510.900  
CR #19  
1113st 2nd



PERMIT NO. 11-2-07-1560

**COUNTY ROAD CROSSING PERMIT**

**FEE - \$250.00 PER PERMIT**

(PLEASE MAKE NO PAYMENT UNTIL YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, Tx 77002.

to bore (place or bore) a 20" crude oil pipeline (Applicant)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 8 located between the following Township and Range sections:

(S-5/32)(T-155/156W)(R-96W)  
FARMVILLE (5) WEST BANK (22)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-027.200.000  
CR # 8

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

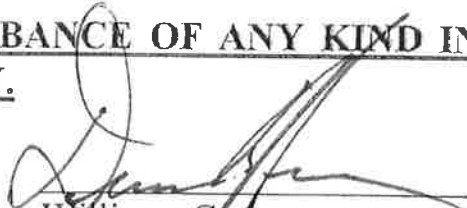
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

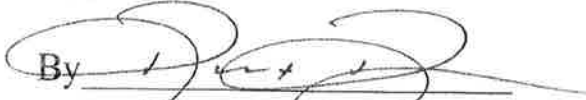
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

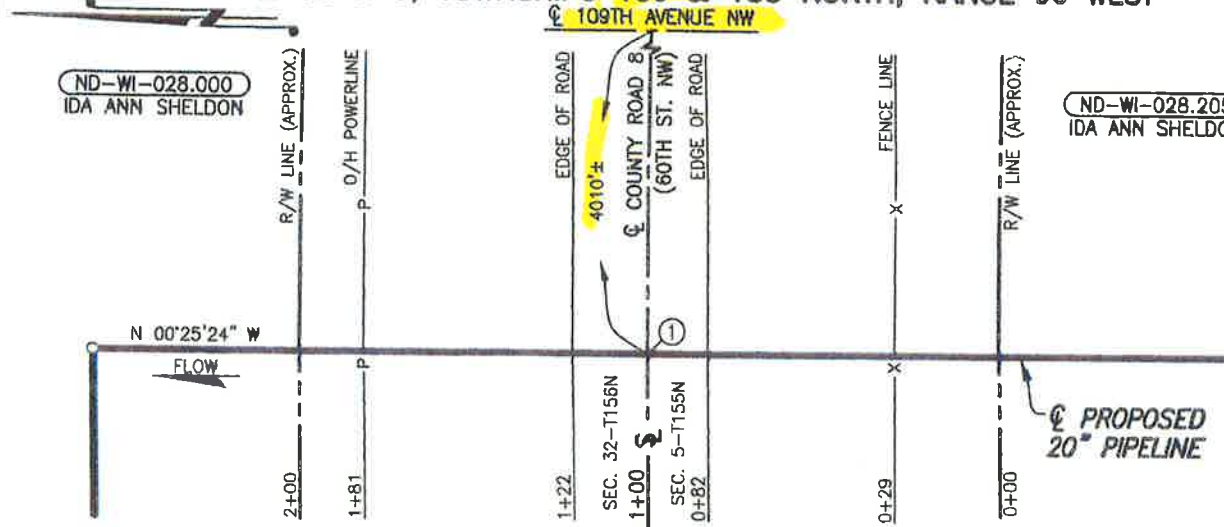
Phone \_\_\_\_\_

100'

ND-W1-027.200.900  
CR #8

# WILLIAMS COUNTY, NORTH DAKOTA

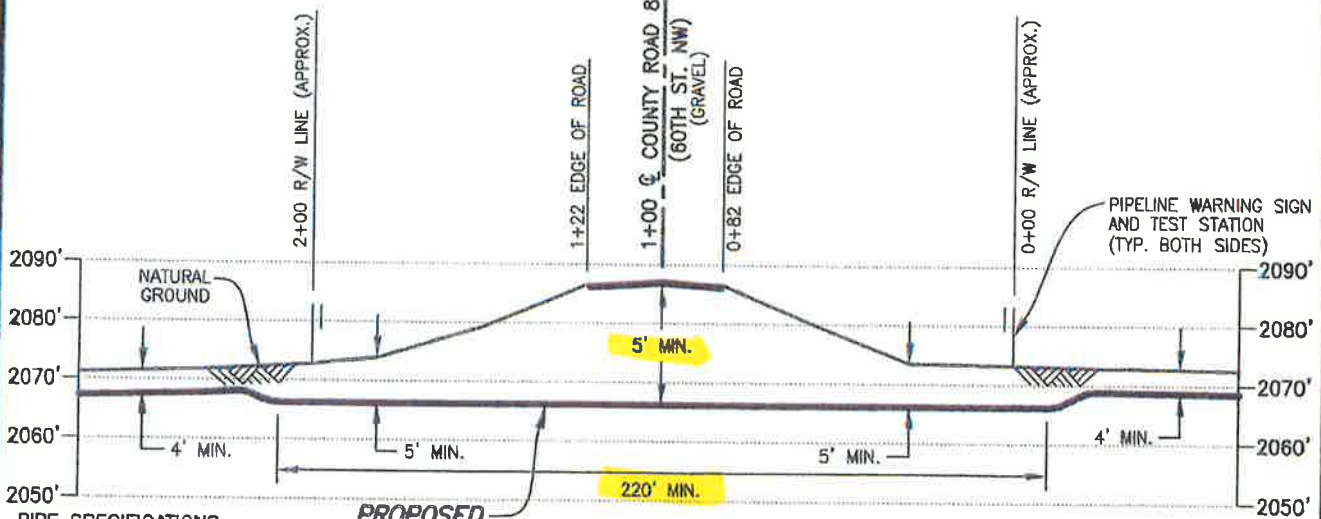
SECTIONS 32 & 5, TOWNSHIPS 156 & 155 NORTH, RANGE 96 WEST



ND-WI-027.200.900

**PLAN**

SCALE: 1"=50'



**PROPOSED  
20" PIPELINE**

**PROFILE**

SCALE: 1"=50' HORIZ.  
1"=30' VERT.

① X=2112465.78  
Y=17551503.05

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\oslash$  COUNTY ROAD 8 (60TH ST. NW) AT STA. 1+00, ELEV. 2087.29'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
COUNTY ROAD 8 (60TH ST. NW)**

WILLIAMS COUNTY NORTH DAKOTA

DRAWN BY: JWH	DATE: 03/19/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	ND-WI-027.200.900	A
SCALE: AS SHOWN	APP.:		

I-027.200.900.dwg PLOT DATE: 3/30/2015 BY: VILLARREAL, PHIL

C:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB

FILE: R



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

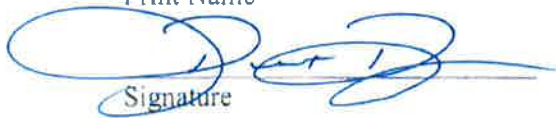
DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE

Print Name

Permit # 11-2-07-1560



Signature

Invoice # 8557

(713) 989-2864

Phone Number

Co. Rd # 8

2/24/16

Date

Township FARMVALLEY + West Brook

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-073</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner Dakota Access, LLC

Address 1300 main Street, Houston, Tx 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Farmvale

Section-Township-Range (S-5)(T-155N)(R-96W)

Location in Section NW 1/4 S 5

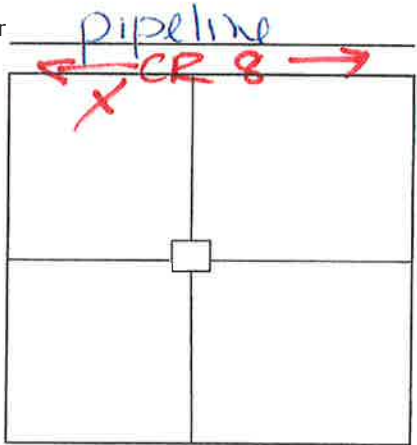
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other \_\_\_\_\_

Additional Information permanent drive to value site



Location Map

Accessing: County Road CR #8  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on-site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)

Phone Number \_\_\_\_\_

1/29/14  
Date

Monte B. B. A.  
Williams County Authorized Signature

Williams County Highway Agency

2/29/14  
Date

ND-WI-027.200.900  
CR # 8  
South Side

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name West Bank

Section-Township-Range (S-32)(T-156)(R-96)

Location in Section SW 1/4 S 32

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_

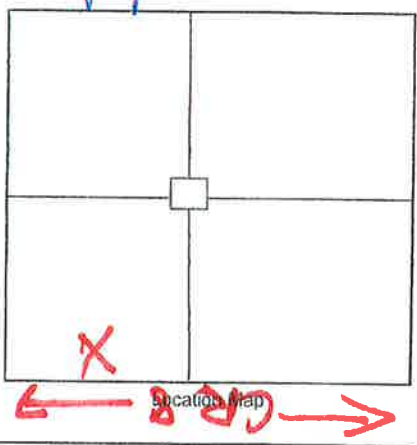
Accessing: County Road CR #8  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) \_\_\_\_\_ CMP  
**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_

Permit # <u>11-2-08-674</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Roger Rose  
Owner/Applicant (Print and Sign)

Monty B...  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/14  
Date

2/29/16  
Date

ND-WI-027.200.900  
CR #8  
NORTH SIDE

West Bank Township  
Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT

The West Bank Township Board or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main STREET, Houston, Tx 77002 to bore <sup>(Applicant)</sup> a 20 crude oil pipeline <sub>(place or bore)</sub> through the county road driving surface and across the drainage ditches and right-of-way of Township Road 111 Ave NW located between the following Township and Range sections:  
(S-31/36)(T-156N)(R-96/97W)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The Township shall not be held liable for damage to

ND-01-031.900  
111 AVE NW

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the Township Road.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on Township right-of-way line.

Please notify the Township as to when work will start and finish, (701)-667-3346. The contractor MUST have a copy of the permit and the cross section on site at all times.

**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

When requested by West Bank Township, the owner of the pipeline must-at their own expenselocate and expose the underground utility or pipeline in West Bank Township easement area.

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

\_\_\_\_\_  
Applicant



West Bank Township

By \_\_\_\_\_

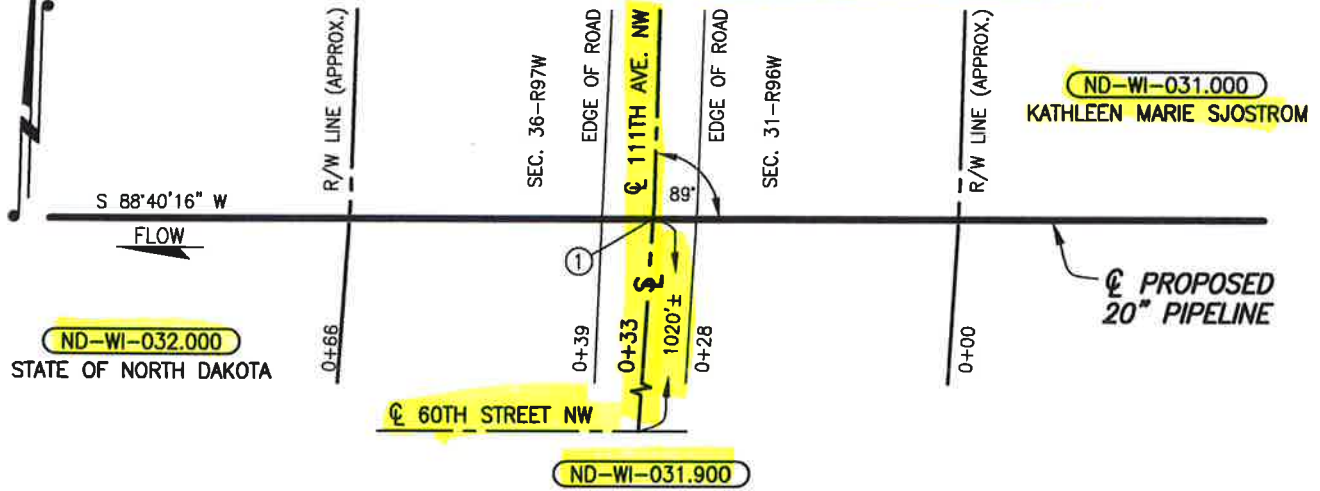
Date: 2-18-16

Phone \_\_\_\_\_

ND-WI-031.900  
111 Ave. NW

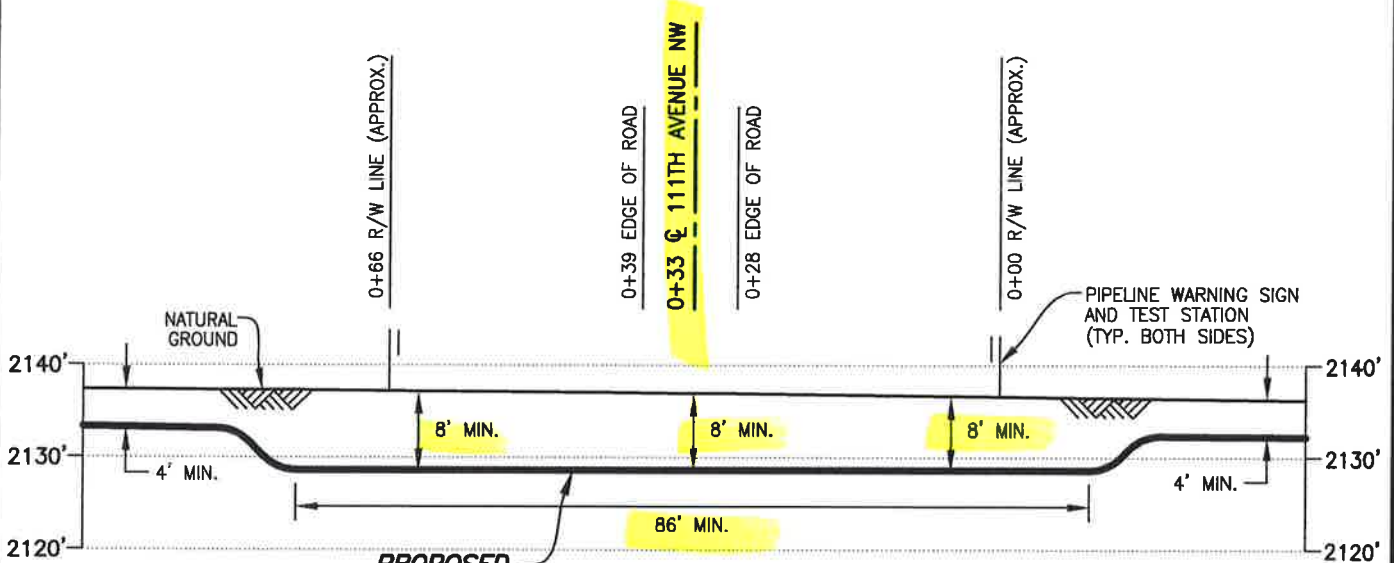
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 31 & 36, TOWNSHIP 156 NORTH, RANGES 96 & 97 WEST



## PLAN

SCALE: 1"=20'



## PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

① X=2105921.55  
Y=17552389.35

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  111TH AVENUE NW  
AT STA. 0+33, ELEV. 2136.91'

REV.	DATE	BY	DESCRIPTION	CHK.
B	07/07/15	JWH	ISSUED FOR USE/PERMIT	EDF
A	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING

111TH AVENUE NW

PROJECT NO. 10395700

WILLIAMS COUNTY 111TH AVENUE NW NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: PRV	DATE: 03/19/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	ND-WI-031.900	B
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-WI-031.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

# EQUALITY TOWNSHIP

PERMIT NO. 118

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Equality Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 111 Ave NW located between the  
following Township and Range sections:

3 (S - 31/36) (T - 156N) (R - 96/97W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-101-031.900  
111 Ave NW

Page 1

PAW  
4-2-16

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701)568-2468. The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN EQUALITY TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

DAKOTA ACCESS, LLC  
Applicant

By:   
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

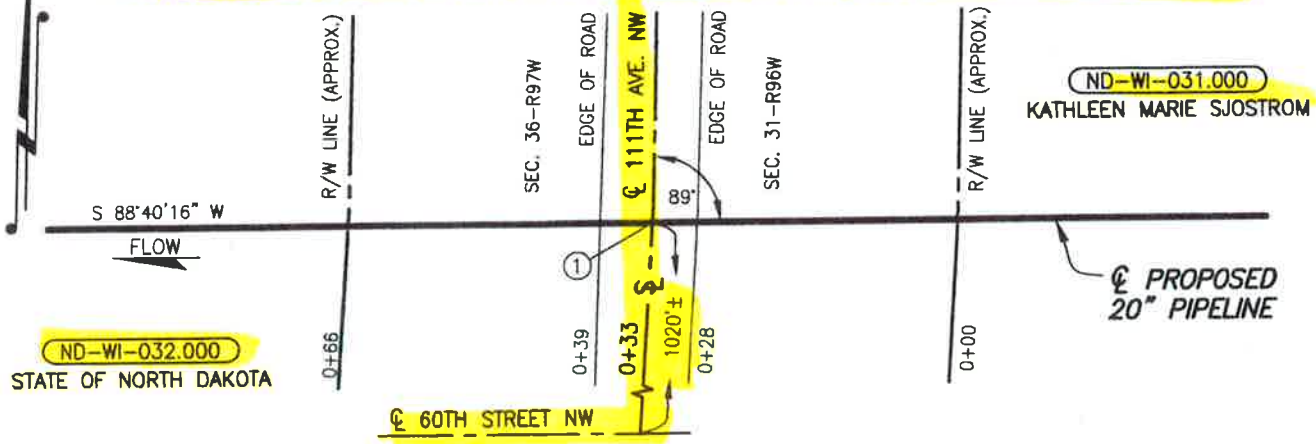
 Clerk 4-2-16  
Equality Township

Date: 1/29/16

ND-WI-031.900  
111 Ave NW

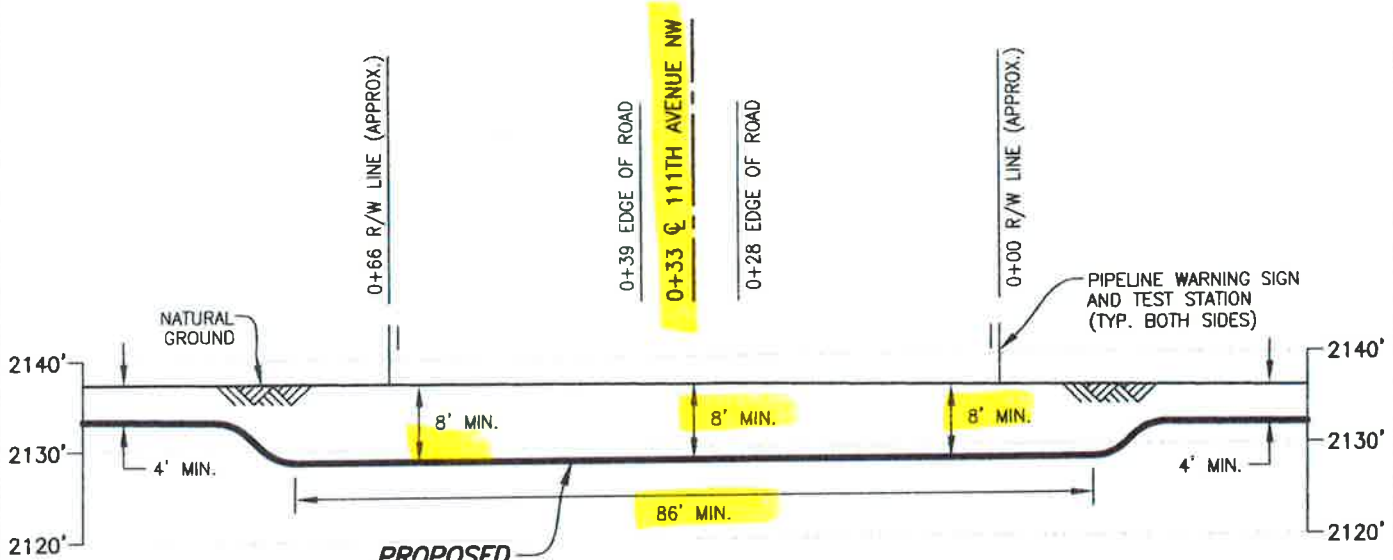
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 31 & 36, TOWNSHIP 156 NORTH, RANGES 96 & 97 WEST



## PLAN

SCALE: 1"=20'



## PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

① X=2105921.55  
Y=17552389.35

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  111TH AVENUE NW AT STA. 0+33, ELEV. 2136.91'

REV.	DATE	BY	DESCRIPTION	CHK.
B	07/07/15	JWH	ISSUED FOR USE/PERMIT	EDF
A	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING

**111TH AVENUE NW**

NORTH DAKOTA

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY	DATE: 03/19/15	DWG. NO.	REV.
DRAWN BY: PRV	DATE: 03/27/15	ND-WI-031.900	B
CHECKED BY: PA	APP.:		
SCALE: AS SHOWN			

# EQUALITY TOWNSHIP

PERMIT NO. 117

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Equality Township Board of Supervisors, or its representative,  
hereby grants permission to Dalcoita Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 112 AVE NW located between the  
following Township and Range sections:

2 (S-36/35) (T-156N) (R-97W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-034.514.900 Page 1

112 ave NW

mpw  
4.2.16

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701)568-2468. The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN EQUALITY TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Wade Park, Clerk 4-2-16  
Equality Township

By:   
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

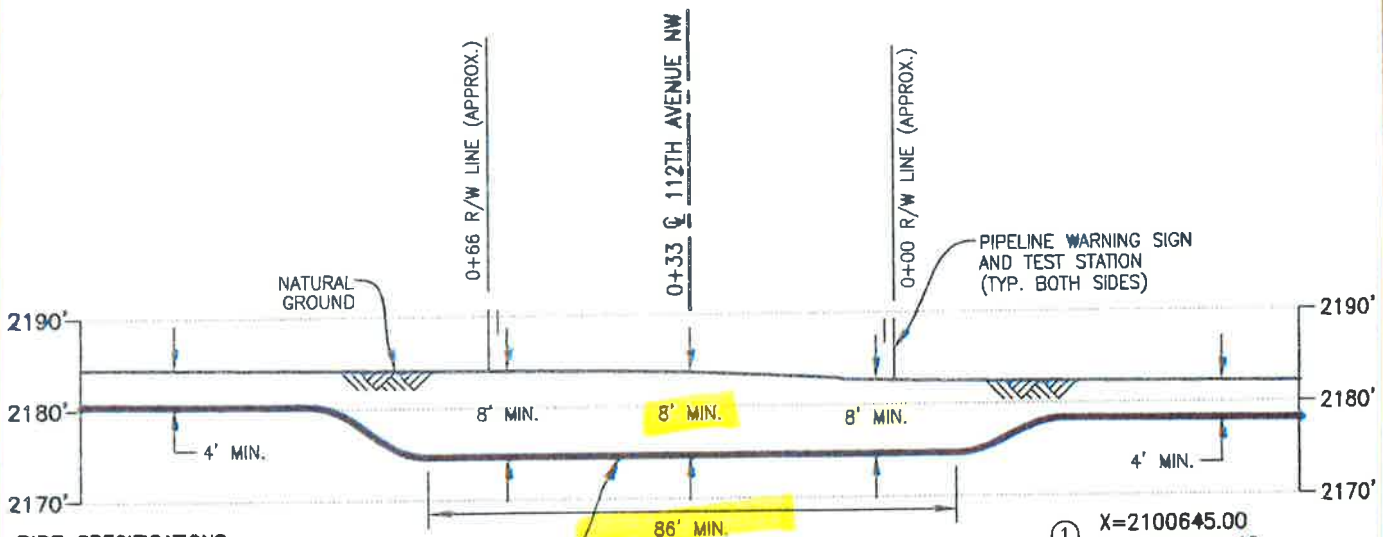
ND-wi-034.574.900  
112 Ave. NW  
Page 2

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 36 & 35, TOWNSHIP 156 NORTH, RANGE 97 WEST



**PLAN**  
SCALE: 1"=30'



**PROFILE**  
SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2100645.00  
Y=17552306.42

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  112TH AVENUE NW AT STA. 0+33, ELEV. 2183.70'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	07/07/15	JWH	ISSUED FOR USE/PERMIT	EDF
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
112TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: CHA	DATE: 12/31/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-034.514.900	B
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

PROJECT NO. 10395700

FILE: I:\projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-Pl

ND-WI-034.514.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

# EQUALITY TOWNSHIP

PERMIT NO. 116

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Equality Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 113 Ave NW located between the  
following Township and Range sections:

1 (S-34|35)(T-156N)(R-97W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-036900  
113 Ave. NW

PAW  
4-2-16

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701)568-2468. The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN EQUALITY TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Andrew Clerk 4-2-16  
Equality Township

By:   
Vice President, Land and Right of Way

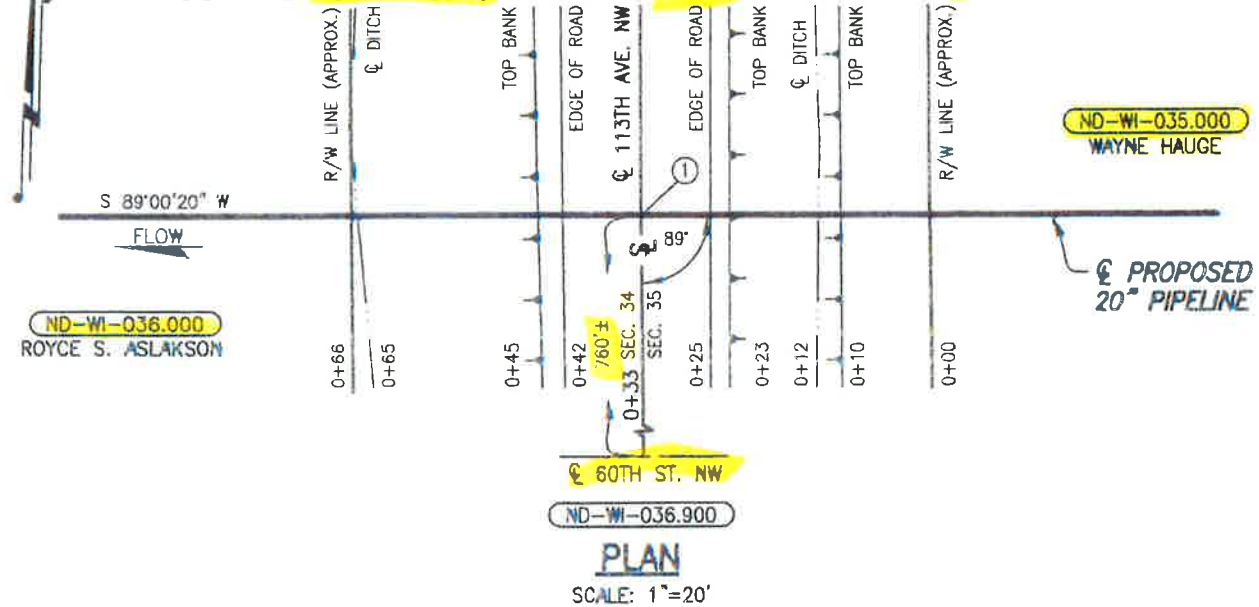
Date: 1/29/16

Phone: \_\_\_\_\_

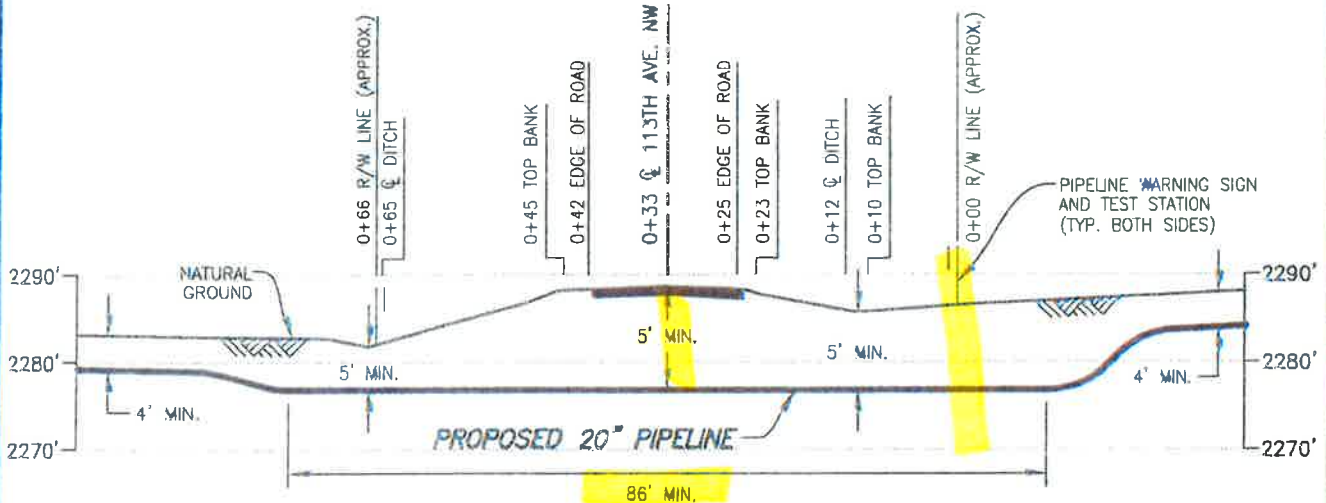
NDWI-036.900  
113 Ave. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 34 & 35, TOWNSHIP 156 NORTH, RANGE 97 WEST



**PLAN**  
SCALE: 1"=20'



**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=20' VERT.


① X=2095368.86  
Y=17551882.85

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: 113TH AVENUE NW AT STA. 0+33, ELEV. 2288.65'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

FILE: R:\F...s\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-N...-036.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

REV.	DATE	BY	DESCRIPTION	CHK.
C	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	JMH	ISSUED FOR REVIEW	RC



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
113TH AVENUE NW**

WILLIAMS COUNTY NORTH DAKOTA

DRAWN BY: MS	DATE: 11/04/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-036.900	C
SCALE: AS SHOWN	APP.:		


**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

PROJECT NO. **10395700**



PERMIT NO. 11-2-071559

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 main street, Houston, TX 77002 to Boro a 20" crude oil pipeline (place or bore)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 8 located between the following Township and Range sections:

(S-3|34) (T-155|156) (R-9740)  
VIEW (3) + Equality (34)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

NDW1-037.920  
CR #8

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

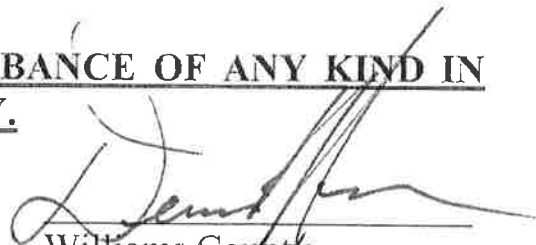
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

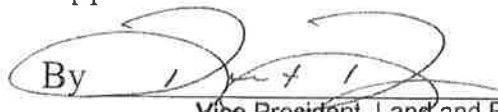
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/28/16

Phone \_\_\_\_\_

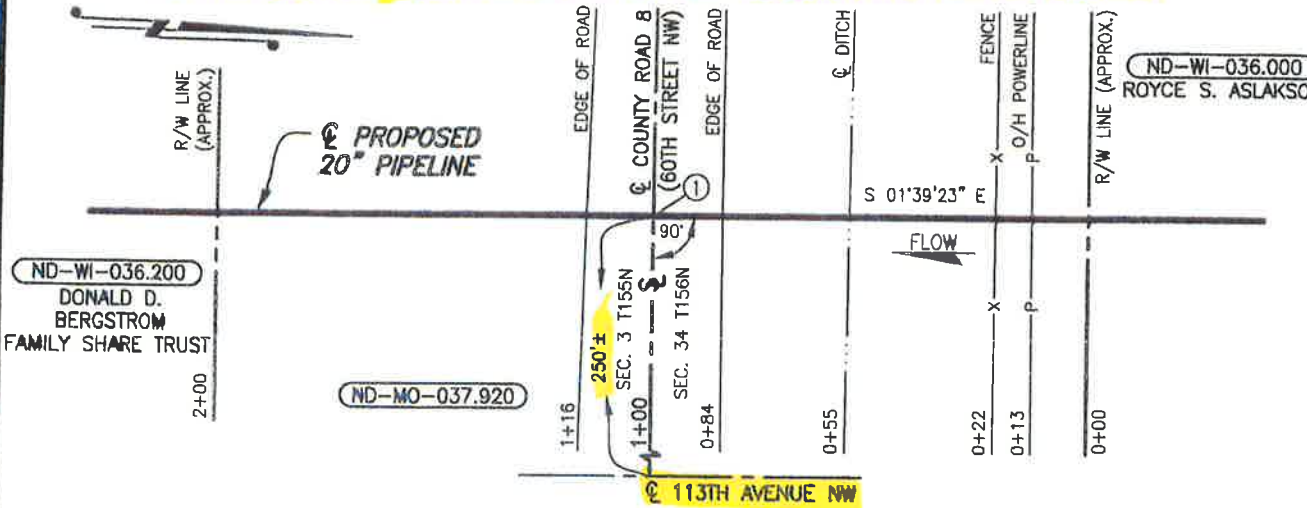
100'

ND-01-037.920

CR #8

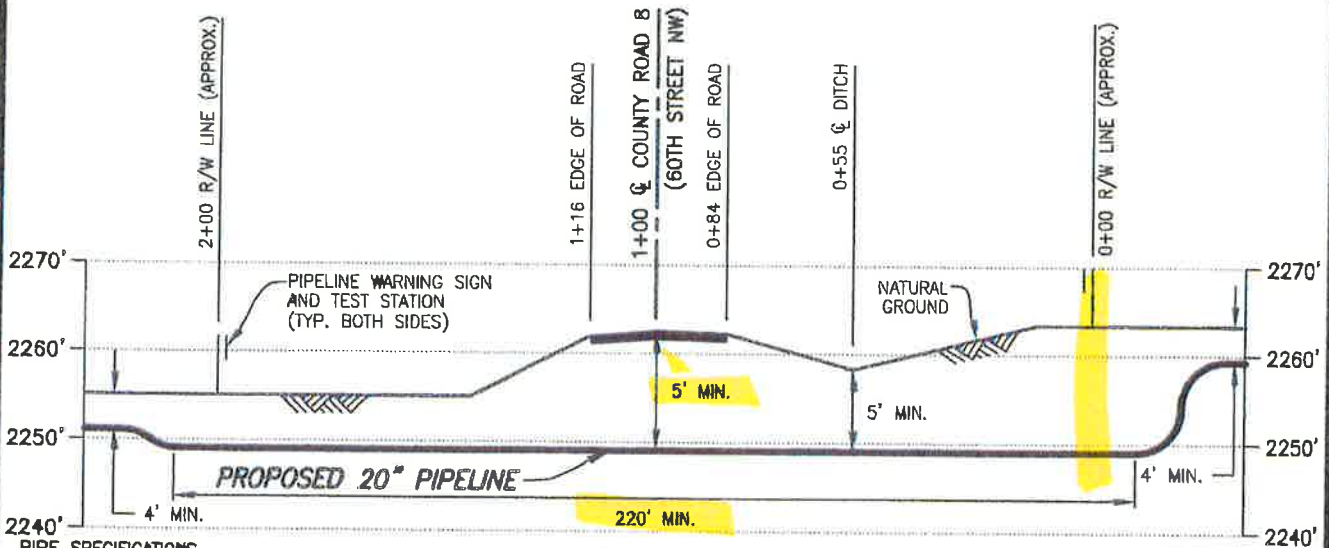
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 3 & 34, TOWNSHIPS 155 & 156 NORTH, RANGE 97 WEST



## PLAN

SCALE: 1"=40'



## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=2095139.81  
Y=17551109.75

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: COUNTY ROAD 8 (60 ST. NW) AT STA. 1+00, ELEV. 2262.41'

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

FILE: R c:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB A-037.920.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

REV.	DATE	BY	DESCRIPTION	CHK.
B	06/21/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 8 (60TH STREET NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 01/06/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-037.920</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE

Print Name

Permit # 11-2-07-1559

Signature

Invoice # 8857

(713) 989-2864

Phone Number

Co. Rd # 8

2/24/11

Date

Township Vien + Equality

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$1100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-675</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner Dakota Access, LLC

Address 1300 main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Equality

Section-Township-Range (S34)(T-150N)(R-97W)

Location in Section SE 1/4 of S-34

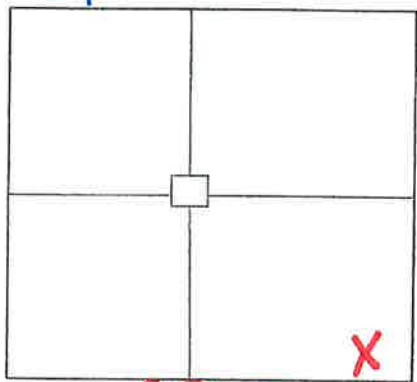
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_



Accessing: County Road # 8

(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" CMP culvert required

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)

Phone Number \_\_\_\_\_

1/29/16  
Date

[Signature]  
Williams County Authorized Signature

Williams County Highway Agency

2/29/16  
Date

ND-61-037.920  
CR #8  
NORTH SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 main street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name VIEW

Section-Township-Range (S-3)(T-155N)(R-97W)

Location in Section NE 1/4 of S-3

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Permit # 11-2-08-670

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

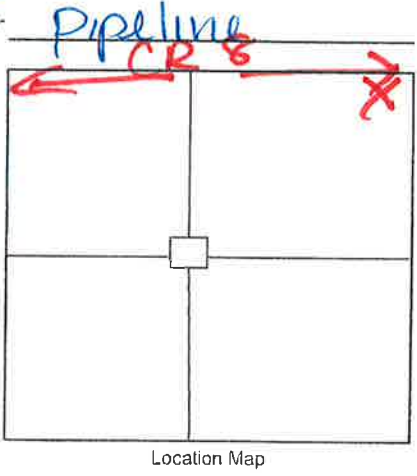
**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Accessing: County Road CR #8  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) \_\_\_\_\_ CMP  
**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
 Owner/Applicant (Print and Sign)

[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/11  
 Date

[Signature]  
 Date

ND-01-037.920  
CR#8  
SOUTH SIDE



PERMIT NO. 11-2-07-1558

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dalco Access, LLC whose address is 1300 Main Street, Houston, TX 77002 to BORE a 20" CRUDE OIL Pipeline (place or bore)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 17 located

between the following Township and Range sections:

(S-3/4) (T-156N) (R-97W)  
View (3+4)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-037.900  
CR # 17

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

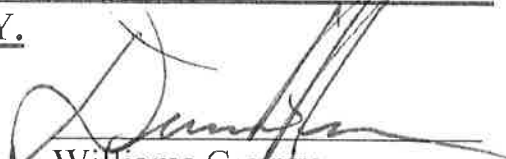
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

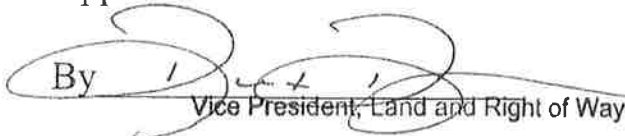
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

Phone \_\_\_\_\_

100'

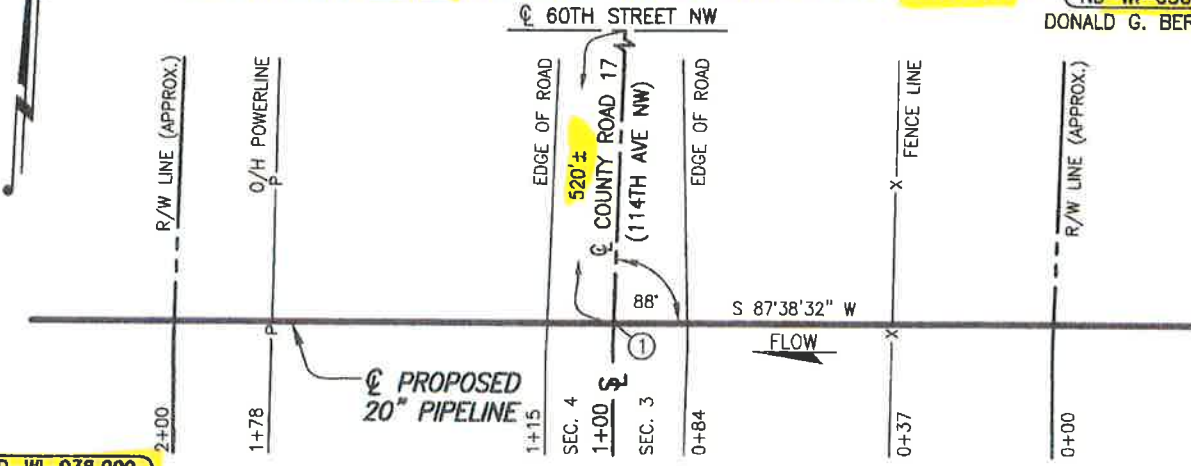
ND-WI-037.900  
CR #17

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 3 & 4, TOWNSHIP 155 NORTH, RANGE 97 WEST

ND-WI-036.205

DONALD G. BERGSTROM

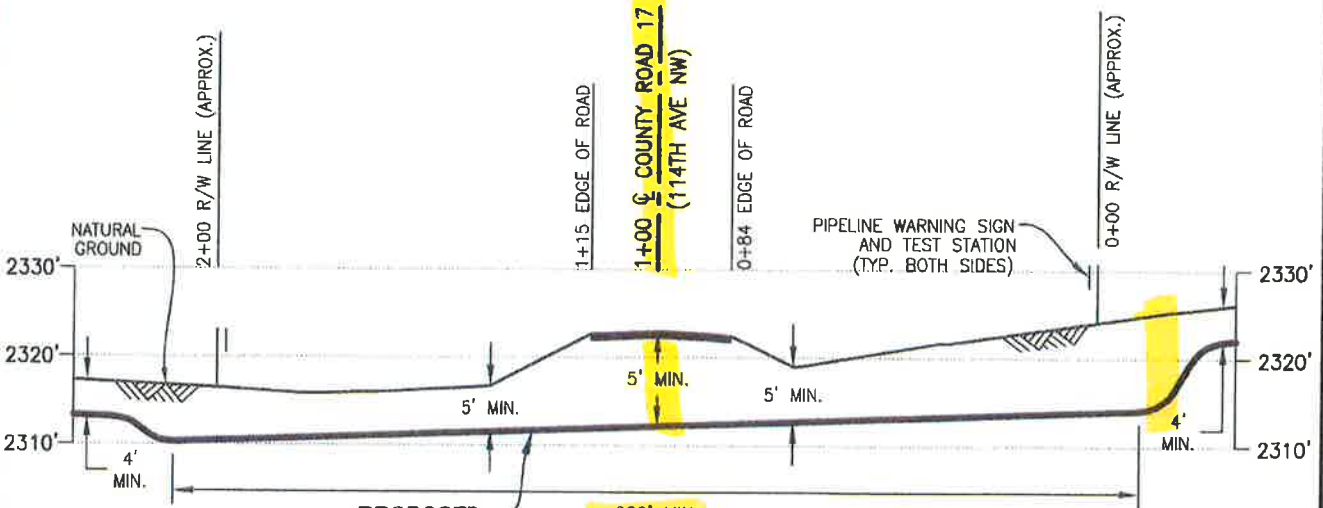


ND-WI-038.000  
JELEAN BRAATEN

ND-WI-037.900

## PLAN

SCALE: 1"=40'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED 20" PIPELINE**

**PROFILE**  
 SCALE: 1"=40' HORIZ.  
 1"=20' VERT.

① X=2090126.33  
 Y=17550492.90

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.: @ COUNTY ROAD 17 (114TH AVE NW)  
 AT STA. 1+00, ELEV. 2322.94'

REV.	DATE	BY	DESCRIPTION	CHK.
E	12/09/15	PRV	ISSUED FOR USE/PERMIT	RC
D	08/14/15	PRV	ISSUED FOR USE/PERMIT	RC
C	04/15/15	NLP	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 17 (114TH AVE NW)

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: MS	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-037.900	E
SCALE: AS SHOWN	APP.:		

S COUNTY\103957-PB-ND-WI-037.900.dwg PLOT DATE: 12/10/2015 BY: MUALLEM, MIKE

G:\projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\

FILE: \\mus



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

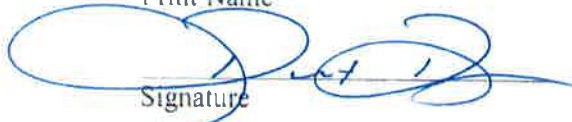
Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1558

  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 17

2/24/14  
Date

Township VIEW

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$1,000.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name VIEW

Section-Township-Range (S-3)(T-155N)(R-97W)

Location in Section NW 1/4 S-3

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_

Accessing: County Road #17  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

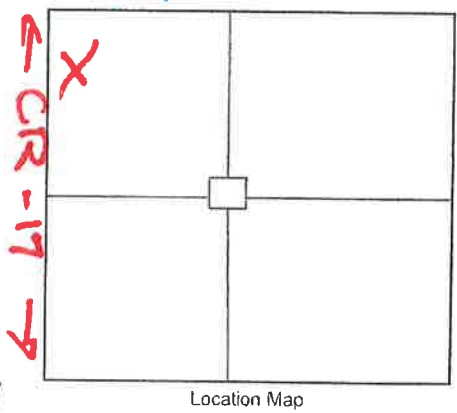
Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***  
Remarks: 18" cmp culvert required.

Permit # 11-2-08-677

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. (This permit must be on site with the contractor during construction.)

Roger Rose  
Owner/Applicant(Print and Sign)

Mark R. [Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/16  
Date

2/29/16  
Date

ND-WI-037.900  
CR #17  
FIRST SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-678</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner DAKOTA ACCESS, LLC

Address 1300 MAIN STREET, HOUSTON, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contacting \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name VIEW

Section-Township-Range (S-4)(T-155N)(R-97W)

Location in Section NE 1/4 of S-4

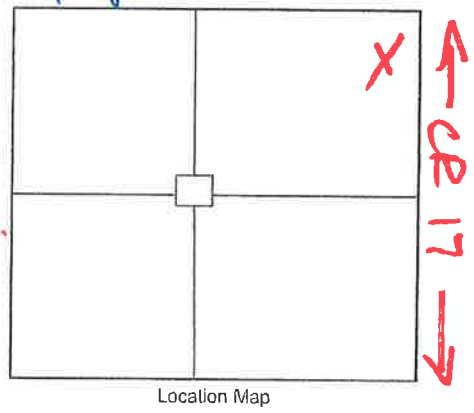
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Accessing: County Road CR #17  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP \_\_\_\_\_

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rose  
Owner/Applicant (Print and Sign)

[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
Date

2/23/16  
Date

ND-WI-037.900  
CR # 17  
WEST SIDE

# View Township

Williams County

## Township Road Crossing Permit

**Fee - \$500.00 Per Permit**

The View Township Commission Board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street,  
Houston, TX 77002 to bore through the township road driving surface and across  
the drainage ditches and right-of way of Township road.

115 AVE NW S-415  
T-155N  
R-47W

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The Township shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on township right-of-way line.

Please sign and return with payment.

Dakota Access, LLC  
Applicant

By [Signature]

Vice President, Land and Right of Way

Phone \_\_\_\_\_

Chairman  
Marty Lesene 2/21/16  
Township

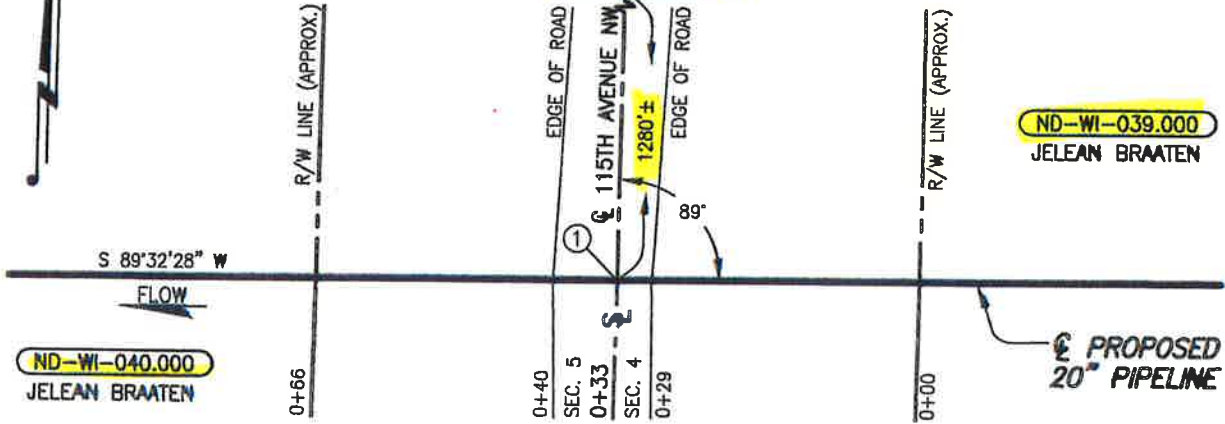
Date: 1/21/16

ND-WI-040-900  
115 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 4 & 5, TOWNSHIP 155 NORTH, RANGE 97 WEST

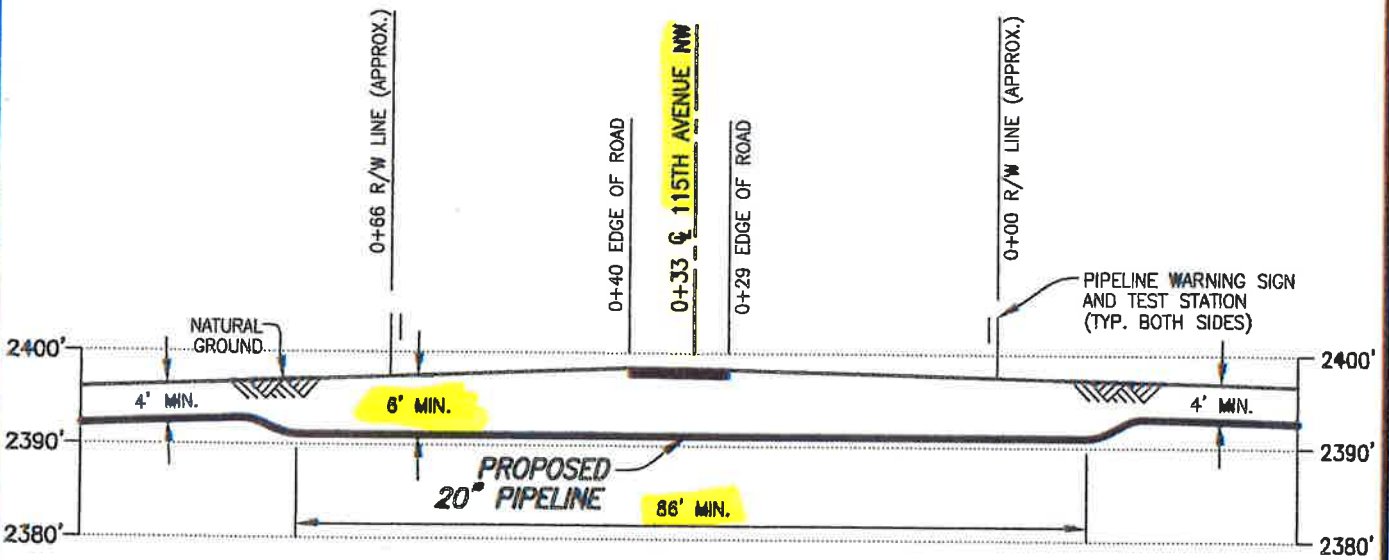
60TH STREET NW



ND-WI-040.900

**PLAN**

SCALE: 1"=20'



**PROFILE**

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

① X=2084877.97  
Y=17549570.04

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: 115TH AVENUE NW AT STA. 0+33, ELEV. 2398.27'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	03/30/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	JTM	ISSUED FOR REVIEW	RC



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
115TH AVENUE NW**

PROJECT NO. 10395700

WILLIAMS COUNTY

NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**

NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: JTM

DATE: 11/05/14

DWG. NO.

REV.

CHECKED BY: RC

DATE: 03/02/15

**ND-WI-040.900**

**C**

SCALE: AS SHOWN

APP.:

# View Township

Williams County

## Township Road Crossing Permit

**Fee - \$500.00 Per Permit**

The View Township Commission Board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street  
Houston, TX. 77002 to bore through the township road driving surface and across the drainage ditches and right-of way of Township road. 116 Ave. NW

S-516  
T-155N  
R-97W

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The Township shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on township right-of-way line.

Please sign and return with payment.

Dakota Access, LLC  
Applicant

By [Signature]  
Vice President, Land and Right of Way

Phone \_\_\_\_\_

Chairman

Marty Lisens 2/21/16  
Township

Date: 1/29/16

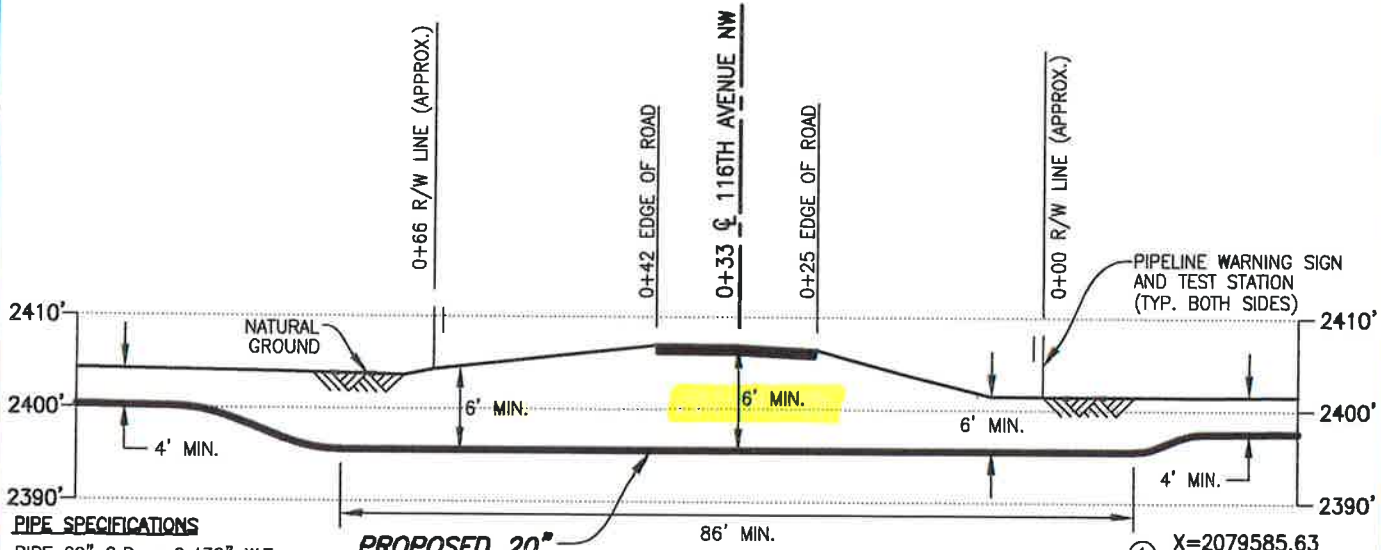
ND-WI-042.900  
116 Ave NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 5 & 6, TOWNSHIP 155 NORTH, RANGE 97 WEST



**PLAN**  
SCALE: 1"=20'



**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  116TH AVENUE NW  
 AT STA. 0+33, ELEV. 2406.85'

REV.	DATE	BY	DESCRIPTION	CHK.
C	07/07/15	RG	ISSUED FOR USE/PERMIT	EDF
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	PRV	ISSUED FOR REVIEW	



### PROPOSED 20" DAPL PIPELINE CROSSING 116TH AVENUE NW

PROJECT NO. <b>10395700</b>		WILLIAMS COUNTY NORTH DAKOTA	
 <b>WOOD GROUP MUSTANG, INC.</b> NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C	DRAWN BY: PRV	DATE: 12/17/14	DWG. NO.
	CHECKED BY: RC	DATE: 03/02/15	REV.
	SCALE: AS SHOWN	APP.:	<b>ND-WI-042.900</b>

FILE: R:\Pro... \03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-1... .900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$1000.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" Crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 117 Ave NW located between the  
following Township and Range sections:  
(S-1/6) (T-155N) (R-98/97W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

NDWI-04490  
117 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-8226 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Rodney Johnson 4/22/16  
Brooklyn Township Clerk

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/22/16

Phone: \_\_\_\_\_

ND-WI-044.900  
117 AOE NW

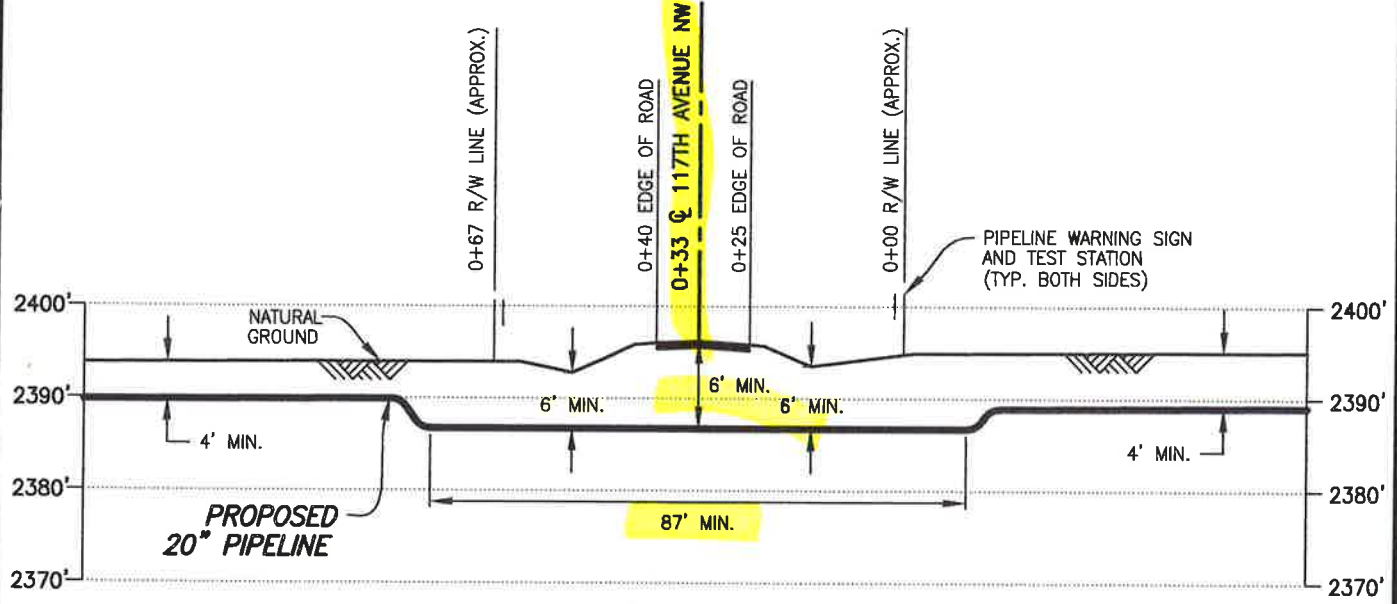
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 1 & 6, TOWNSHIP 155 NORTH, RANGES 97 & 98 WEST



## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2074516.61  
Y=17550008.27

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: @ 117TH AVENUE NW AT STA. 0+33, ELEV. 2396.24'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

FILE: R:\P\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA WILLIAMS COUNTY\1039

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/15/15	JMH	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**



### PROPOSED 20" DAPL PIPELINE CROSSING 117TH AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: CHA	DATE: 12/04/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-044.900	B
SCALE: AS SHOWN	APP.:		

J-ND-WI-044.900.dwg PLOT DATE: 12/16/2015 BY: HUMBERSON, JEREMY

# View Township

Williams County

## Township Road Crossing Permit

**Fee - \$500.00 Per Permit**

The View Township Commission Board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 main street Houston, TX 77002 to bore through the township road driving surface and across the drainage ditches and right-of way of Township road. 117 AVE NW (S-1/6) (T-155N) (R-98197W)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The Township shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on township right-of-way line.

Please sign and return with payment.

Dakota Access, LLC  
Applicant

By [Signature]  
Vice President, Land and Right of Way

Phone \_\_\_\_\_

Chairman  
Marty Jensen 2/21/16  
Township

Date: 1/22/16

ND-01-044-900  
117 Ave NW

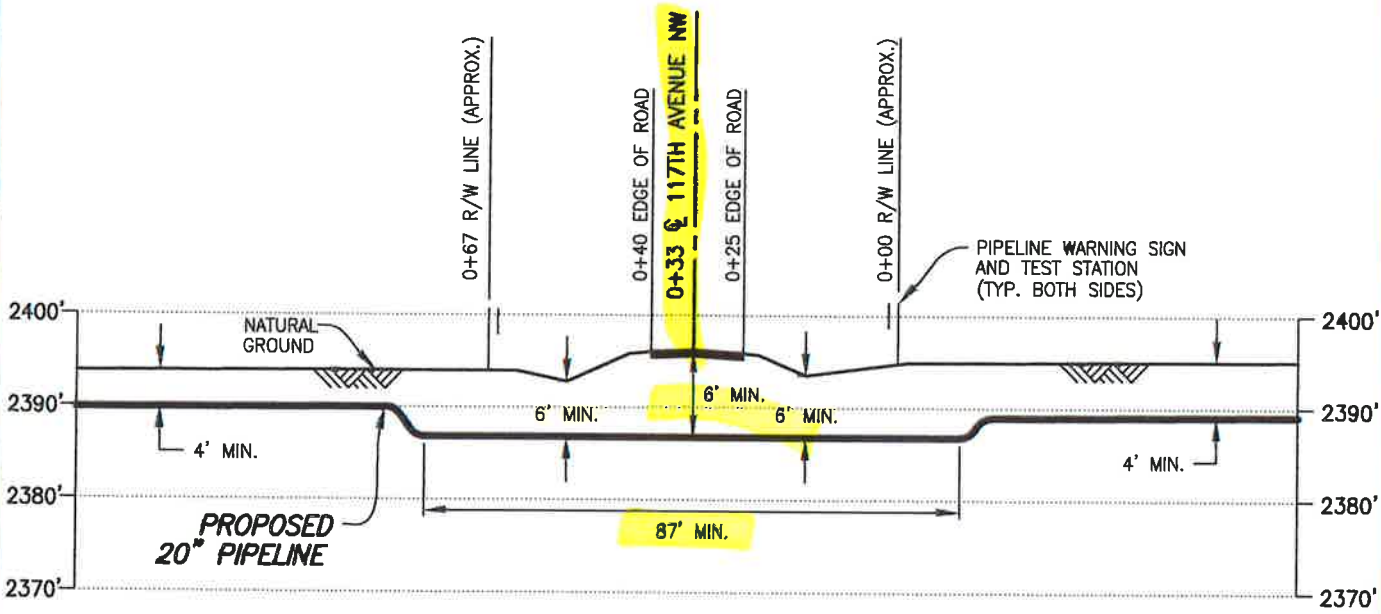
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 1 & 6, TOWNSHIP 155 NORTH, RANGES 97 & 98 WEST



## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2074516.61  
Y=17550008.27

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  117TH AVENUE NW AT STA. 0+33, ELEV. 2396.24'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/15/15	JMH	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
117TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: CHA	DATE: 12/04/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-044.900	B
SCALE: AS SHOWN	APP.:		

FILE: R:\Prj\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-ND-WI-044.900.dwg PLOT DATE: 12/16/2015 BY: HUMBERSON, JEREMY

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$1000.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to DAKOTA ACCESS, LLC whose  
(Applicant)  
address is 1300 Main Street Houston, TX, 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 118 Ave NW located between the  
following Township and Range sections:  
(S-1/2)(T-155N)(R-98W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

NDWI-046-910  
118 ave NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-8226 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Rodney Johnson 4/22/16  
Brooklyn Township Clerk

By: [Signature]  
Vice President, Land and Right of Way

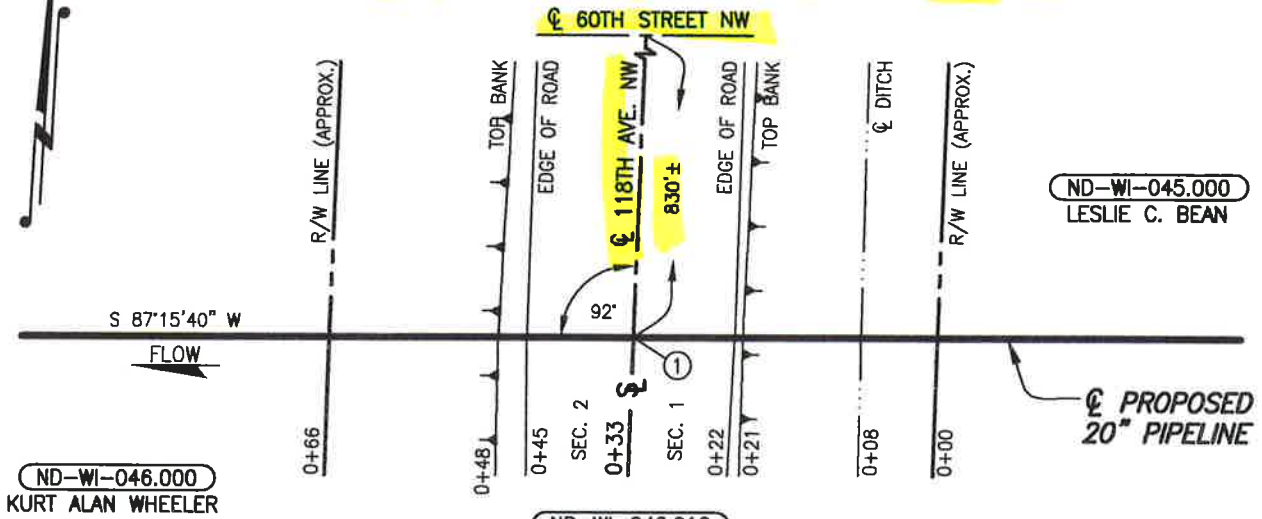
Date: 4/22/16

Phone: \_\_\_\_\_

ND-WI-046-910  
118 AOE NW

# WILLIAMS COUNTY, NORTH DAKOTA

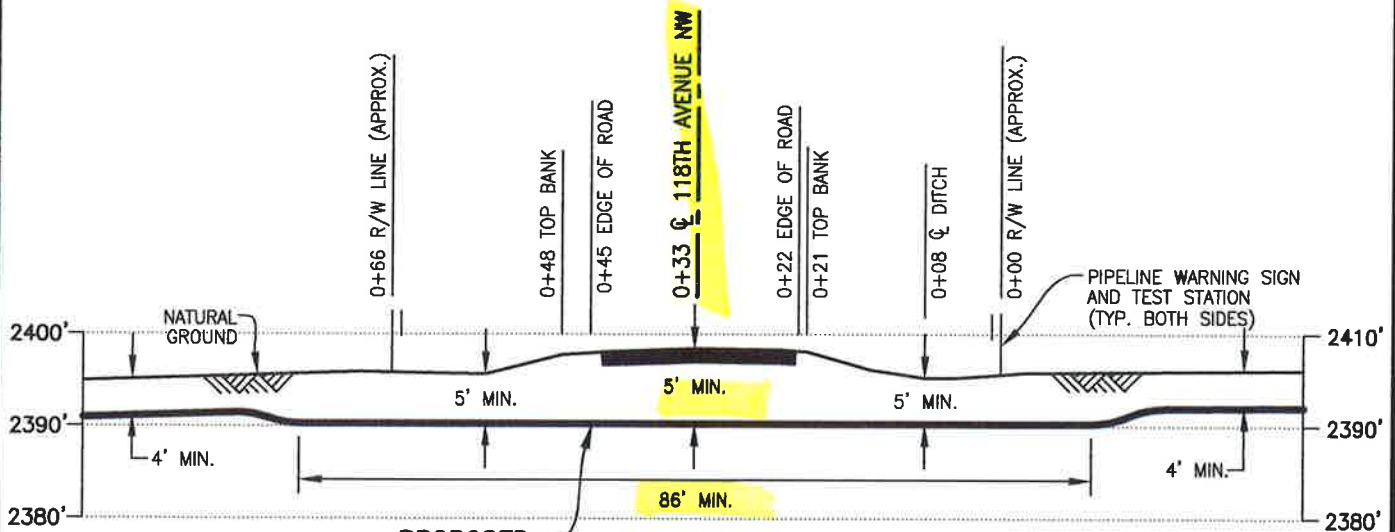
## SECTIONS 1 & 2, TOWNSHIP 155 NORTH, RANGE 98 WEST



ND-WI-046.910

### PLAN

SCALE: 1"=20'



PROPOSED 20" PIPELINE

### PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

① X=2069246.29  
Y=17549740.93

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: ☉ 118TH AVENUE NW AT STA. 0+33, ELEV. 2398.41'

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING 118TH AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/24/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	ND-WI-046.910	B
SCALE: AS SHOWN	APP.:		

FILE: \\mus\gbl\HOU\Pipeline\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\103957-PB-ND-WI-046.910.dwg PLOT DATE: 12/10/2015 BY: MUALLEM, MIKE



PERMIT NO. 11-2-07-1557

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 Main Street Houston, TX 77002 to Bore a 20" CRUDE OIL PIPELINE through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 15 located between the following Township and Range sections:  
(S-2/3)(T-155W)(R-98W)  
BROOKLYN (2+3)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-048.910  
CR #15

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

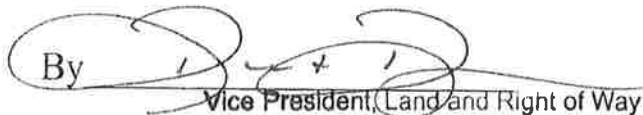
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

Phone \_\_\_\_\_

ND-01-048.910  
CR # 15

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 2 & 3, TOWNSHIP 155 NORTH, RANGE 98 WEST

ND-WI-047.000  
MARLA R. BEAN

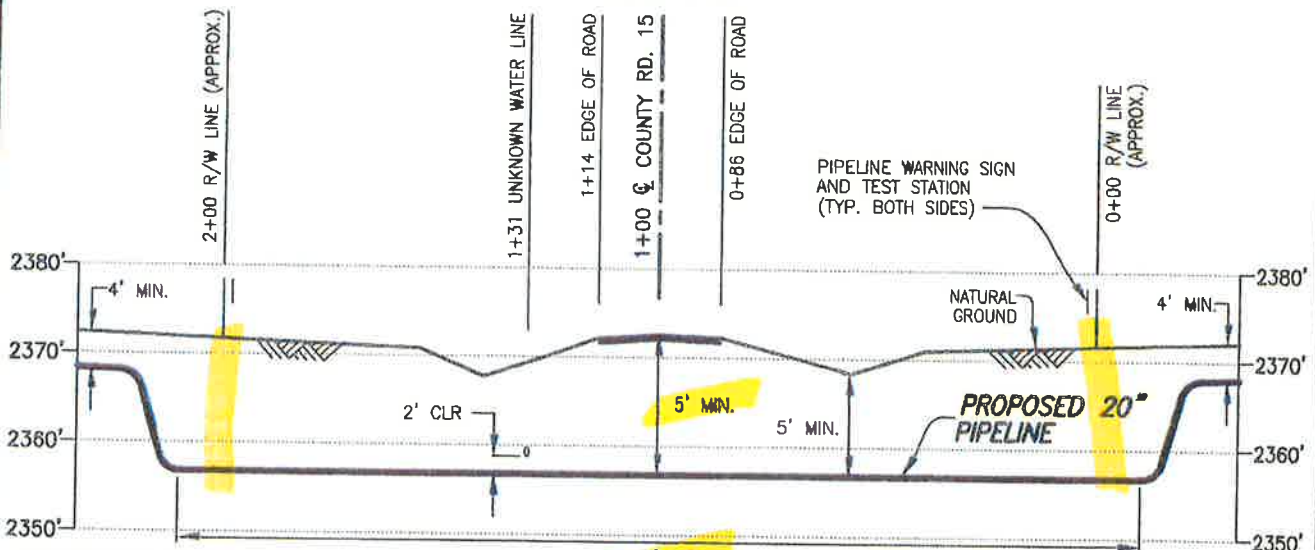


ND-WI-048.000  
JEROME D. ENGEL

ND-WI-048.910

## PLAN

SCALE: 1"=40'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=2063963.67  
Y=17549926.53

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.: ☉ COUNTY ROAD 15  
 AT STA. 1+00, ELEV. 2372.62'

REV.	DATE	BY	DESCRIPTION	CHK.
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	OP	ISSUED FOR REVIEW	



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 15

PROJECT NO. 10395700

WILLIAMS COUNTY NORTH DAKOTA



DRAWN BY: PRV	DATE: 12/17/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-048.910	B
SCALE: AS SHOWN	APP.:		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-048.910.dwg PLOT DATE: 3/3/2015 BY: ANDREWS, CINDY



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1557

[Signature]  
Signature

Invoice # 8859

(713) 909-2864  
Phone Number

Co. Rd # 15

2/24/16  
Date

Township Brooklyn

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-679</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner DAKOTA ACCESS, LLC

Address 1300 main street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Brooklyn

Section-Township-Range (S-2)(T-153N)(R-98W)

Location in Section NW 1/4 of S-2

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_

Accessing: County Road # 15

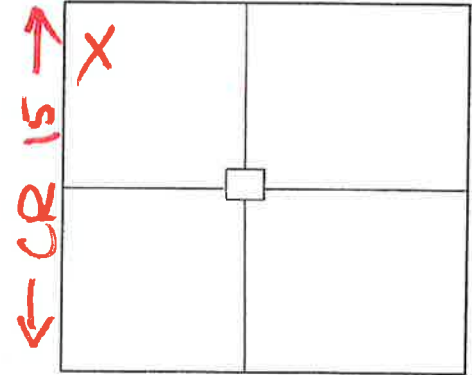
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_



Location Map

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rose  
 \_\_\_\_\_  
 Owner/Applicant(Print and Sign)  
Mark M. B...  
 \_\_\_\_\_  
 Williams County Authorized Signature

\_\_\_\_\_  
 Phone Number  
 \_\_\_\_\_  
 Williams County Highway  
 \_\_\_\_\_  
 Agency

1/29/16  
 \_\_\_\_\_  
 Date  
2/29/16  
 \_\_\_\_\_  
 Date

ND-WI-048.910  
CR # 15  
EAST SIDE

# WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-080

Williams County Highway Dept.  
PO Box 1305  
Williston ND 58802-1305  
Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 300 main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contacto \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Brooklyn

Section-Township-Range (S-3)(T-155W)(R-9810)

Location in Section NE 1/4 of S.3

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

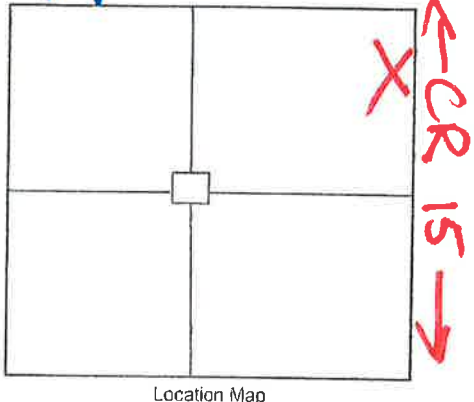
Accessing: County Road # 15  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required.



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)

Monty B...  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/16  
Date

2/29/16  
Date

NDW1-048.910  
CR #15  
WEST SIDE

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$1000.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 120 AVE NW located between the  
following Township and Range sections:  
(S-314)(T-155N)(R-98W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-051.900 Page 1  
120 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish.  
(701) 570-8226 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By:   
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

Rodney Johnson 4/22/16  
Brooklyn Township Clerk

Date: 4/22/16

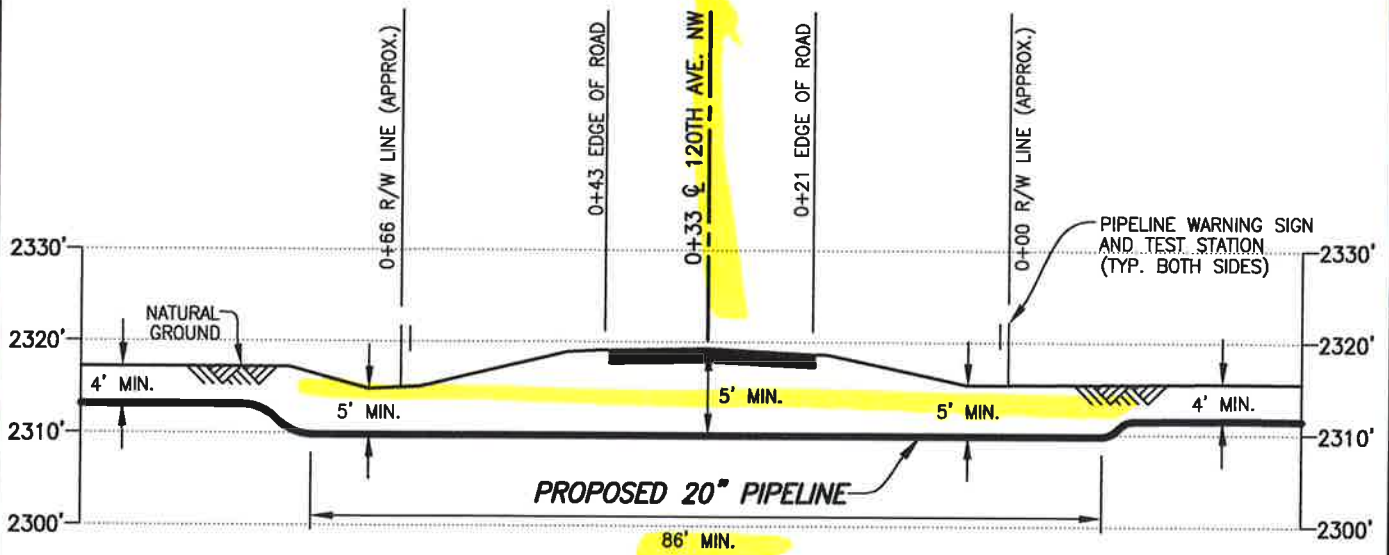
ND-WI-051.900  
120 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 4 & 3, TOWNSHIP 155 NORTH, RANGE 98 WEST



**PLAN**  
SCALE: 1"=20'



**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=20' VERT.

① X=2058681.96  
Y=17549682.50

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: 120TH AVENUE NW AT STA. 0+33, ELEV. 2319.28'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
D	01/14/16	MM	ISSUED FOR USE/PERMIT	RC
C	06/21/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC



### PROPOSED 20" DAPL PIPELINE CROSSING 120TH AVENUE NW

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 12/17/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-051.900</b>	<b>D</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-WI-051.900.dwg PLOT DATE: 1/15/2016 BY: MADAMBA, JOEY

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$1000.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to DAKOTA ACCESS LLC whose  
(Applicant)  
address is 1300 Main STREET, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 121 AVE NW located between the  
following Township and Range sections:

(S-41S)(T-155N)(R-98W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-053.900  
121 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish.  
(701) 570-8226 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

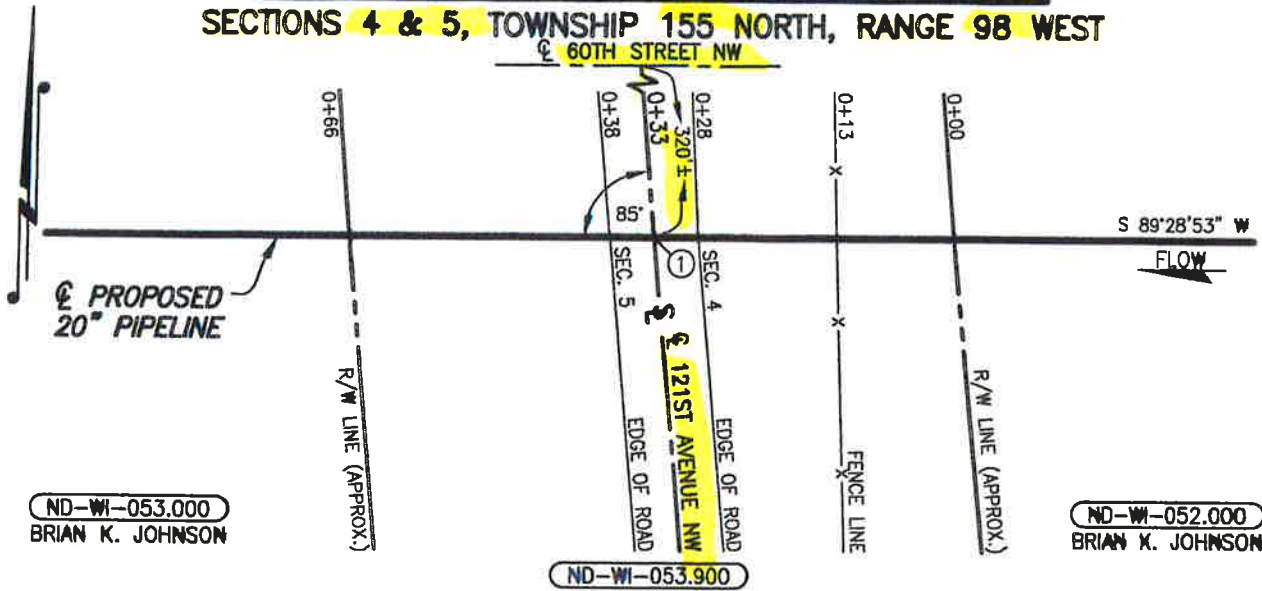
Rodney Johnson 4/22/16  
Brooklyn Township Clerk

Date: 1/29/16

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 4 & 5, TOWNSHIP 155 NORTH, RANGE 98 WEST

60TH STREET NW



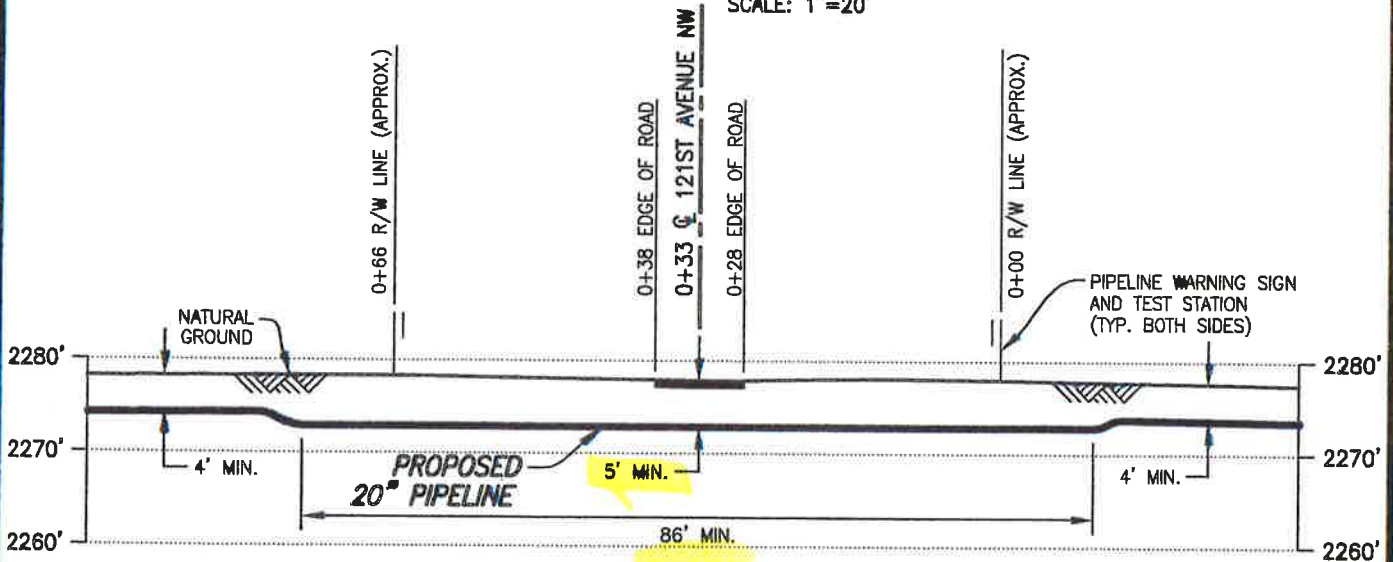
ND-WI-053.000  
BRIAN K. JOHNSON

ND-WI-052.000  
BRIAN K. JOHNSON

ND-WI-053.900

### PLAN

SCALE: 1"=20'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

### PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

① X=2053416.14  
Y=17549933.64

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
 T.B.M.: 121ST AVENUE NW AT STA. 0+33, ELEV. 2277.84'

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 121ST AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: JWH	DATE: 03/24/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	<b>ND-WI-053.900</b>	<b>A</b>
SCALE: AS SHOWN	APP.:		

I-053.900.dwg PLOT DATE: 3/30/2015 BY: VILLARREAL, PHIL

c:\s\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8

FILE: R:



3

PERMIT NO. 11-2-07-1551

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 Main Street, Houston, Tx 77002

to Bore (Applicant) a 20' crude oil pipeline  
(place or bore)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 8 located between the following Township and Range sections:

(S-5/32) (T-155/156) (R-98W)  
Brooklyn (5) + Wheelock (32)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-01-057. 517.900  
CR #18

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

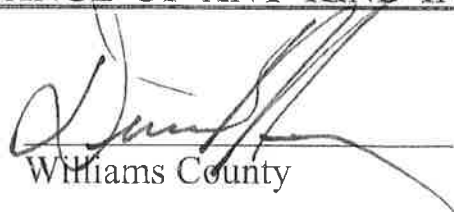
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

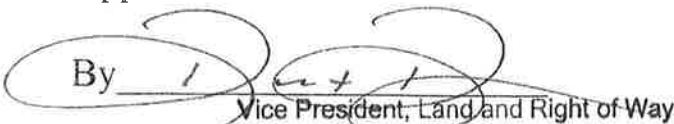
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

Phone \_\_\_\_\_

ND-wi -057.57.900  
ER #8



# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 32 & 5, TOWNSHIPS 156 & 155 NORTH, RANGE 98 WEST

ND-WI-T-001.000  
EPPING TERMINAL SITE

ND-WI-055.300  
CRESTWOOD CRUDE  
TERMINALS, LLC

PROPOSED  
20" PIPELINE

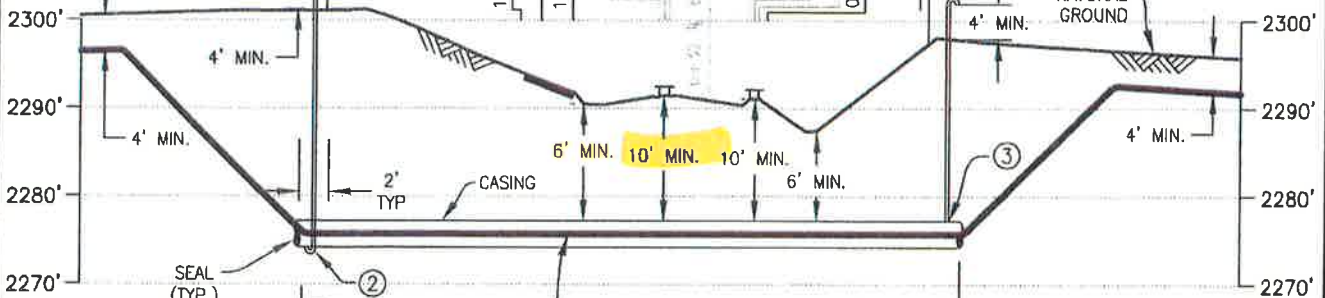
122ND AVENUE NW  
ND-WI-057.517.900

ND-WI-055.900  
GN RAILWAY COMPANY

**PLAN**  
SCALE: 1"=100'

VENT PIPE  
AND TEST STATION  
(TYP. BOTH SIDES)

PIPELINE WARNING SIGN  
AND TEST STATION  
(TYP. BOTH SIDES)



**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI  
PIPELINE TO BE CATHODICALLY PROTECTED

**PROPOSED 20" PIPELINE**  
366' MIN.

**PROFILE**

SCALE: 1"=100' HORIZ.  
1"=20' VERT.

**CASING SPECIFICATIONS**  
24" O.D. X 0.375" W.T. (MIN.)  
API 5L GRADE B ERW  
COATING: BARE

① X=2049950.15  
Y=17550188.82

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS  
OBSERVATIONS (GEOID 2012, NAVD 88)  
BEARINGS BASED ON UTM ZONE 13  
NORTH AMERICAN DATUM 1983.  
U.S. SURVEY FEET  
T.B.M.: TOP RAIL BNSF RAILROAD  
AT STA. 0+55, ELEV. 2291.48'

D	12/11/15	MM	ISSUED FOR USE/PERMIT	RC
C	09/17/15	PRV	ISSUED FOR USE/PERMIT	RC
B	04/15/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
REV.	DATE	BY	DESCRIPTION	CHK.



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
COUNTY ROAD 8 (60TH STREET NW)**

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY

NORTH DAKOTA

DRAWN BY: PRV DATE: 06/18/15

DWG. NO.

REV.

CHECKED BY: EDF DATE: 06/29/15

**ND-WI-057.517.900**

**D**

SCALE: AS SHOWN

APP.:

517.900 REV D.dwg PLOT DATE: 12/16/2015 BY: MADAMBA, JOEY

03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-1

FILE: R:\Pro



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

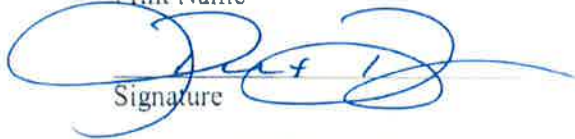
Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-207-1551

  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 8

2/24/14  
Date

Township Bronckwyn + Wheelock

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 N Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactoer \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Wheelock

Section-Township-Range (S-32)(T-156N)(R-98-10)

Location in Section SW 1/4 of S-32

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Accessing: County Road 8  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

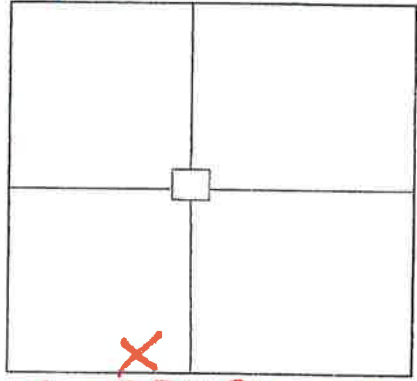
Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***  
 Remarks: 18" cap culvert required.

Permit # 11-2-08-081

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

[Signature]  
 Owner/Applicant(Print and Sign)  
[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date  
2/29/16  
 Date

ND-WI-057.57.900  
CR # 8  
NORTH SIDE



?

PERMIT NO. 11-2-07-1552

**COUNTY ROAD CROSSING PERMIT**

**FEE - \$250.00 PER PERMIT**

(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 Main STREET, Houston, TX 77002 to Bore a 20" CRUDE OIL pipeline

(place or bore)  
through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 8 located between the following Township and Range sections:

(S-32/5) (T-156/155) (R-98W)  
WHEELOCK (32) BROOKLYN (5)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

NO-61-057-517.902,  
CR #8

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

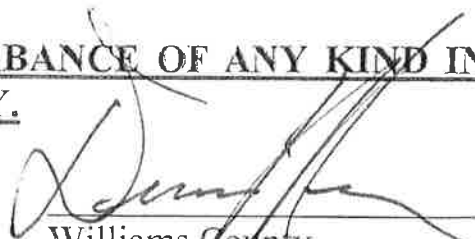
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

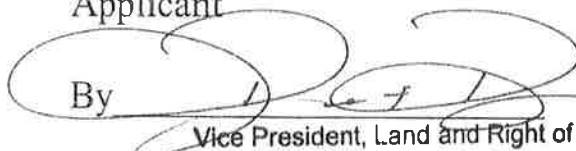
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/14

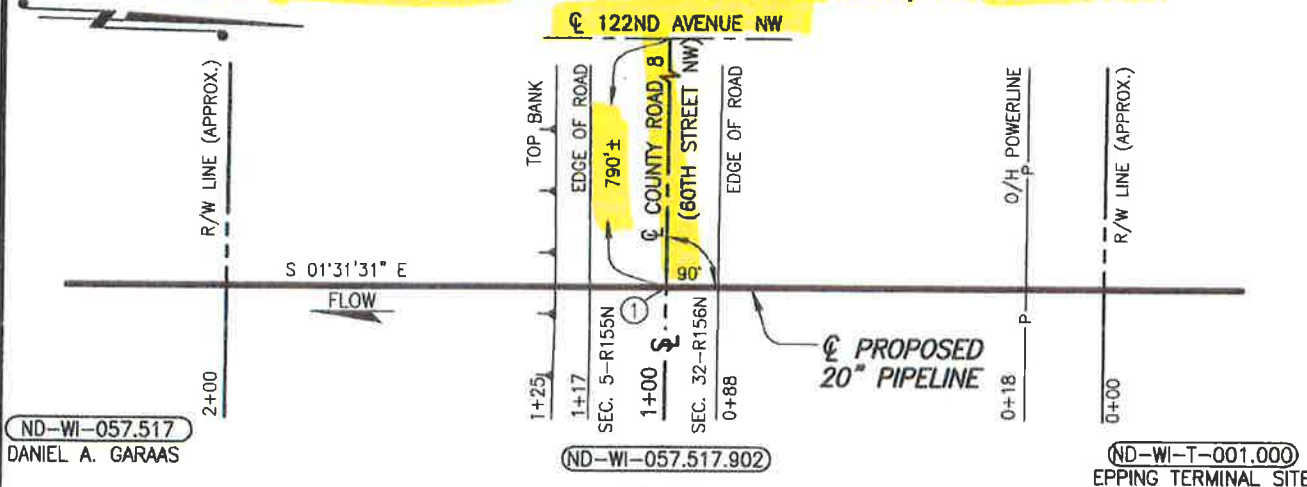
Phone \_\_\_\_\_

100

ND-601-057-517.902.  
CR #8

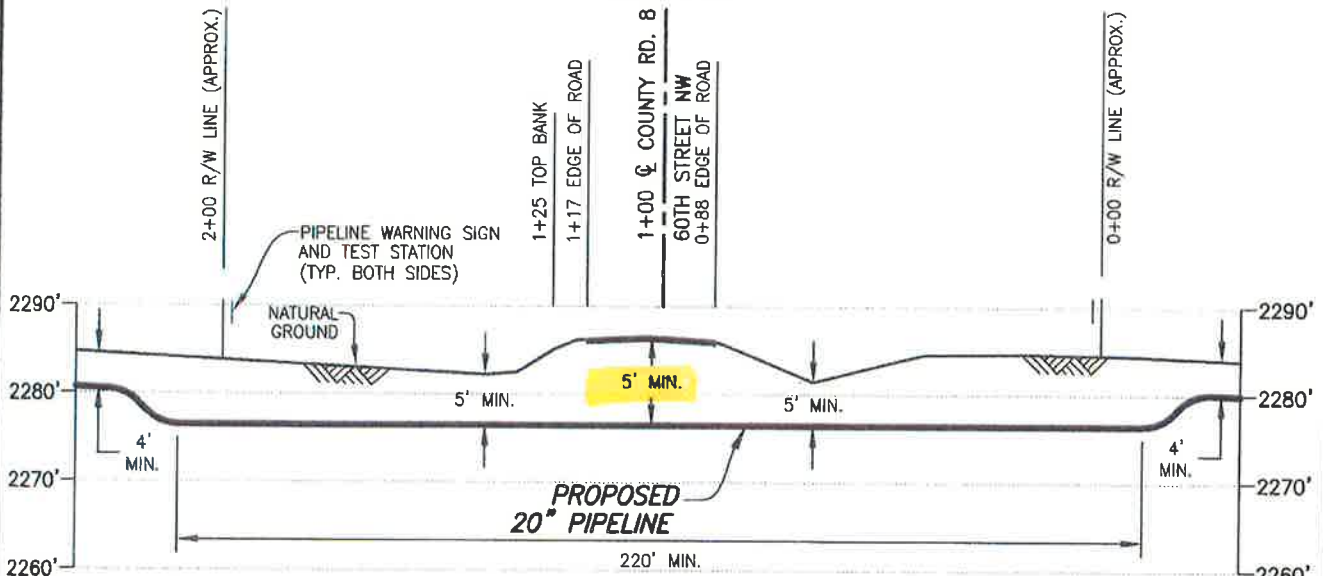
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 5 & 32, TOWNSHIPS 155 & 156 NORTH, RANGE 98 WEST



## PLAN

SCALE: 1"=40'



## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=2048912.95  
Y=17550166.63

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  COUNTY ROAD 8 (60TH ST. NW) AT STA. 1+00, ELEV. 2286.54'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/23/15	JTM	ISSUED FOR USE/PERMIT	RC
B	12/11/15	JTM	ISSUED FOR USE/PERMIT	RC
A	09/17/15	PRV	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 8 (60TH STREET NW)

WILLIAMS COUNTY NORTH DAKOTA

DRAWN BY: PRV	DATE: 02/10/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-057.517.902</b>	<b>C</b>
SCALE: AS SHOWN	APP.: RC		

FILE: R:\Proj\03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-WI-517.902.dwg PLOT DATE: 12/23/2015 BY: MADAMBA, JOEY



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1552

[Signature]  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 8

2/24/14  
Date

Township WARRLOCK + BROOKLYN

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \_\_\_\_\_

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dalcoata Access, LLC

Address 1300 main street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contacto \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Wheellock

Section-Township-Range (S-32)(T-156W)(R-98W)

Location in Section SW 1/4 of S-32

Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Permit # 11-2-08-682

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

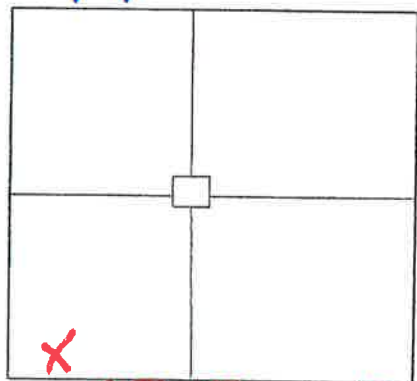
Accessing: County Road #8  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: Already installed as of 2/29/16



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
 Owner/Applicant(Print and Sign)

[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date

2/29/16  
 Date

ND-WI-057.577.902  
NORTH SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-083  
 Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)  
**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC  
 Address 1300 main street, Houston, 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Brooklyn Section-Township-Range (S-5)(T-155N)(R-98W)

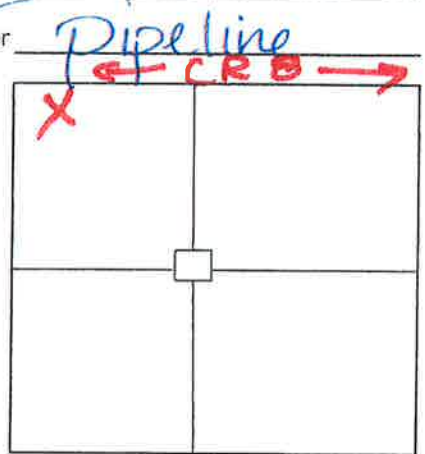
Location in Section NW 1/4 of S-5

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_



Location Map

Accessing: County Road 8  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
 Owner/Applicant(Print and Sign)  
Mark A. Rose  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date  
2/29/16  
 Date

ND-WI-057.517.902  
CR # 8  
South Side

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$1000.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to DAKOTA ACCESS, LLC whose  
(Applicant)  
address is 1300 MAIN STREET, HOUSTON, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 122 AVE NW located between the  
following Township and Range sections:

(S-6/5)(T-155N)(R-98W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

MD-WI-055.570.910 Page 1  
122 ave. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 570-8226 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

Rodney Johnson 4/22/16  
Brooklyn Township Clerk

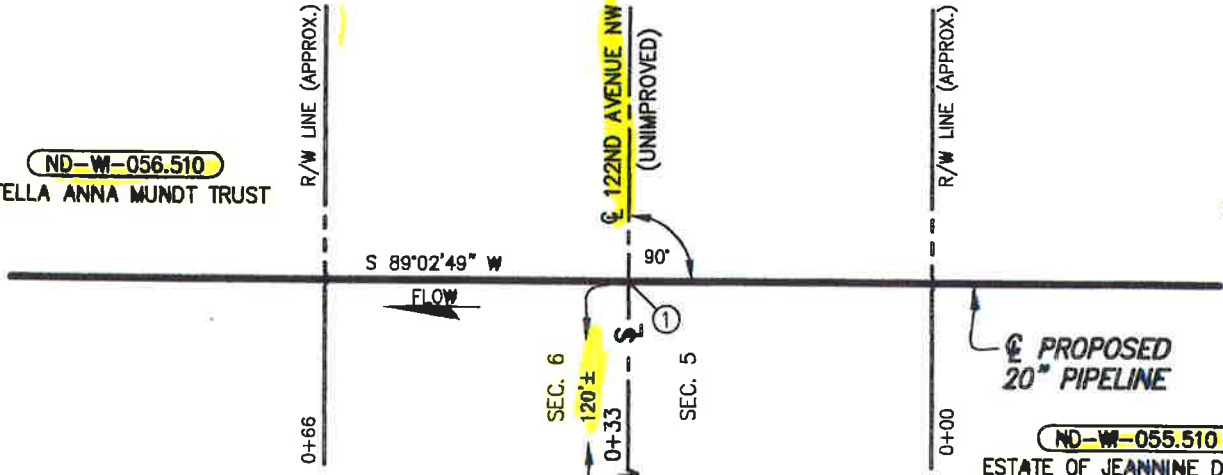
Date: 4/22/16

ND-WI-055.510.910  
122 AVE NW  
Page 2

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 6 & 5, TOWNSHIP 155 NORTH, RANGE 98 WEST

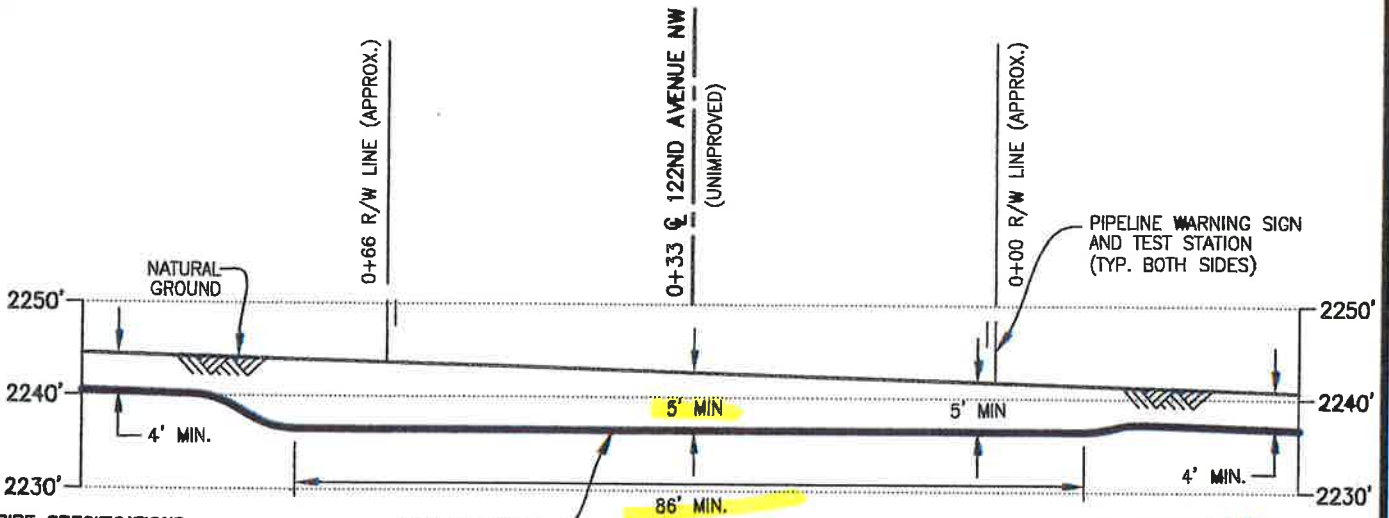
ND-W-056.510  
STELLA ANNA MUNDT TRUST



59TH STREET NW  
ND-W-055.510.910

### PLAN

SCALE: 1"=20'



#### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

PROPOSED  
20" PIPELINE

### PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

#### DATUM

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: 122ND AVENUE NW (UNIMPROVED) AT STA. 0+33, ELEV. 2242.68'

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1-055.510.910.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

A	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
REV.	DATE	BY	DESCRIPTION	CHK.

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING 122ND AVENUE NW (UNIMPROVED)

WILLIAMS COUNTY NORTH DAKOTA

DRAWN BY: RG	DATE: 04/29/15	DWG. NO.	REV.
CHECKED BY:	DATE:	ND-W-055.510.910	A
SCALE: AS SHOWN	APP.:		

# Brooklyn Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$1000.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Brooklyn Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" Crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 123 AVE NW located between the  
following Township and Range sections:

(S-6/1) (T-155N) (R-98/99 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-058510.900 Page 1  
123 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.


Please notify Township as to when work will start and finish, (701) 570-8226 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Brooklyn TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By:   
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

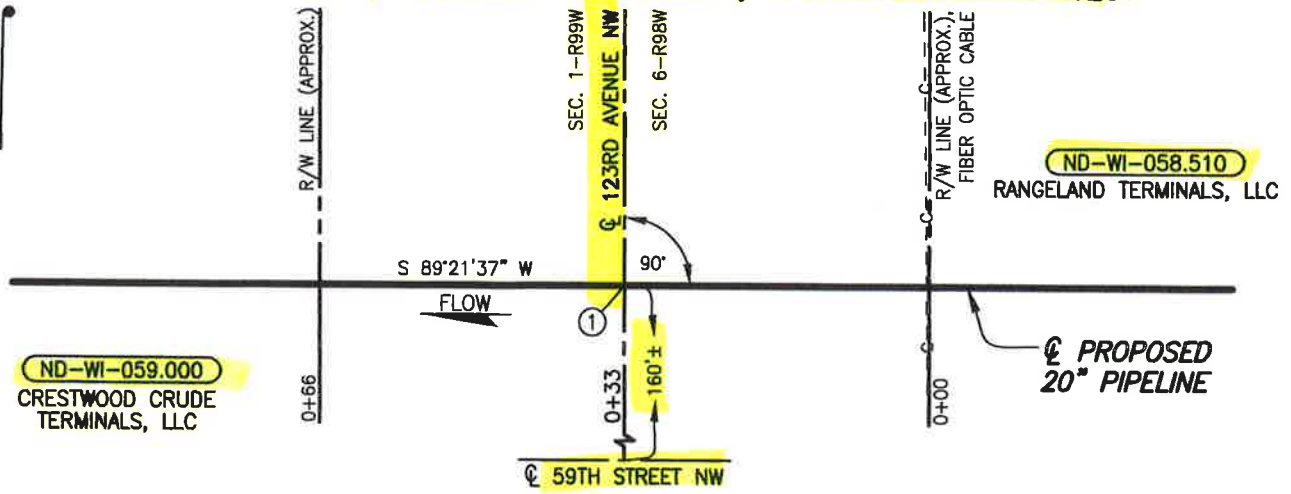
Rodney Johnson 4/22/16  
Brooklyn Township Clerk

Date: 1/29/16

ND-WI-058.510.900  
123 Ave NW

# WILLIAMS COUNTY, NORTH DAKOTA

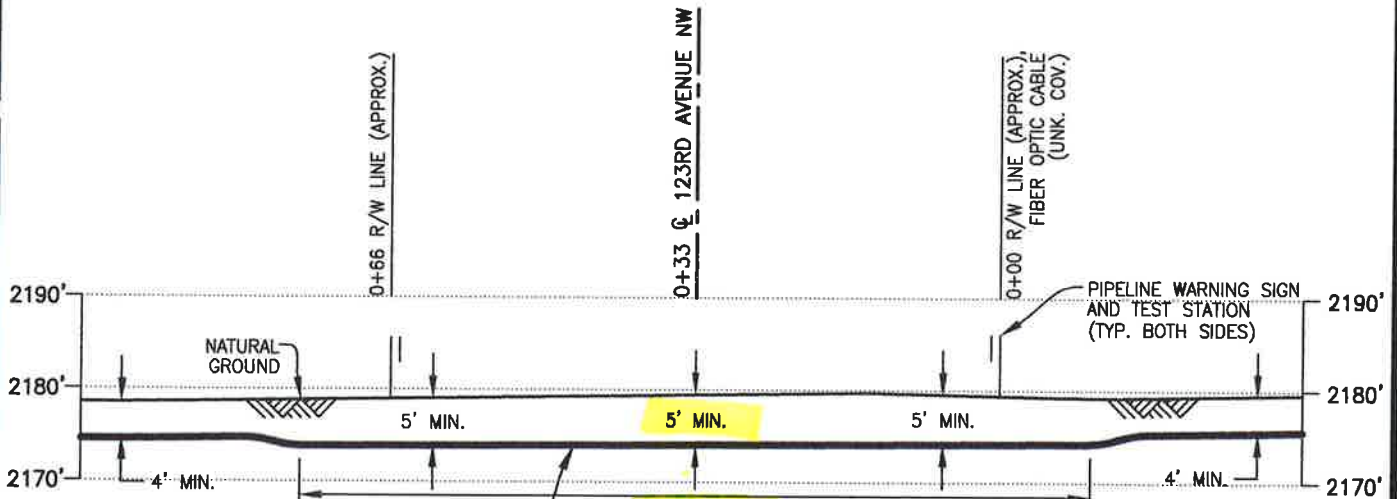
SECTIONS 1 & 6, TOWNSHIP 155 NORTH, RANGES 98 & 99 WEST



ND-WI-058.510.900

## PLAN

SCALE: 1"=20'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=20' HORIZ.  
 1"=20' VERT.

① X=2043278.94  
 Y=17544934.72

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\phi$  123RD AVENUE NW (UNIMPROVED)  
 AT STA. 0+33, ELEV. 2179.43'

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 123RD AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/25/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	ND-WI-058.510.900	B
SCALE: AS SHOWN	APP.:		

FILE: R:\P\d\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-1 .510.900.dwg PLOT DATE: 12/15/2015 BY: HUMBERSON, JEREMY

PERMIT NO. \_\_\_\_\_

**Springbrook township**  
**ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**

The Springbrook Township board, or its representative,  
hereby grants permission to DAKOTA ACCESS LLC  
whose address is 1100 WEISS AVE. BISMARCK N.D. 58503  
to UNIMPROVED SECTION LINE  
(place or bore)

through the county road driving surface and across the drainage  
ditches and right-of-way of Springbrook Township road No. \_\_\_\_\_  
located between the following Township and Range sections:

THIS IS BLANKET FORM FOR SPRINGBROOK TOWNSHIP

Applicant shall be responsible to leave site in same condition  
as before crossing was made and repair any damages resulting  
from crossing.

Applicant shall promptly remove said facilities from highway  
right-of-way, or shall relocate or adjust said facilities, at its sole  
cost and expense when requested to do so by the Board or their  
representative. The Township shall not be held liable for damage  
to said facilities located within the public right-of-way resulting  
from reconstruction or maintenance of the roadway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on Township right-of-way line.

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.** ON EXISTING IMPROVED ROADWAYS. C.A.M.

DAKOTA ACCESS  
Applicant

*C.A.M.*  
Township

By *Billy Lambert*

Date: 5-5-16

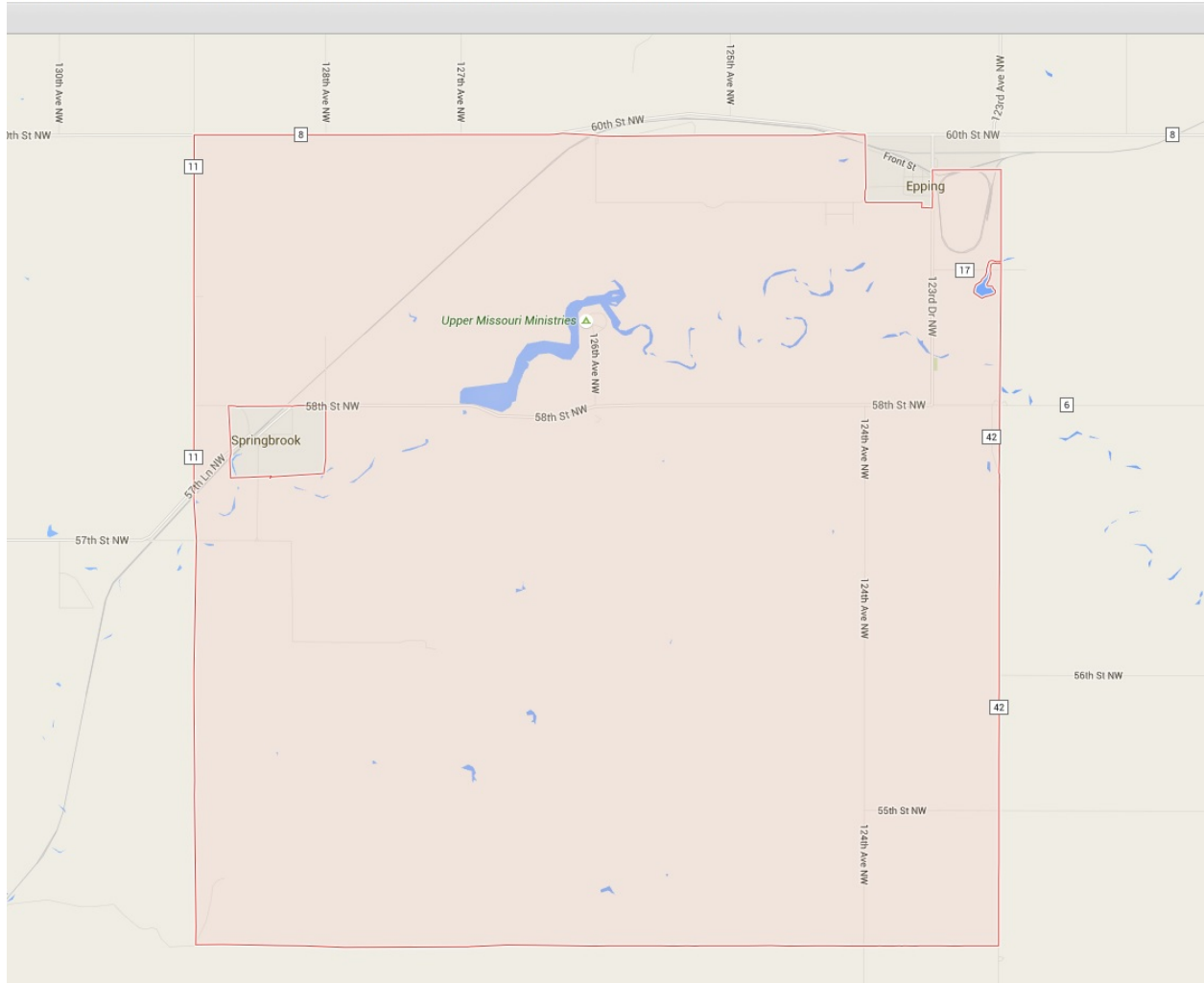
Phone 936-328-0167

**May 5<sup>th</sup> 2016 – 1:00pm**  
**Meeting Minutes**  
**Springbrook Township, Williams County**  
**12588 59<sup>th</sup> Ave**  
**Epping, ND 58843**

Craig Moen  
Township Supervisor  
701-580-5015

**Attendees:** Craig Moen (Springbrook Township Supervisor Member)  
Chad Ward (Superintendent Spread 9 – Precision Pipeline)  
Steve Heavin (Project Safety Coordinator Spread 9 – Precision Pipeline)  
Billy Lambeth (Construction Manager Spread 9 - DAPL)  
Jessie Hanson (Office Manager Spread 9 - DAPL)

- One blanket permit is required for crossing the entire Township of Springbrook with a \$250 fee
- “Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on Township ROW line.” Excerpt from Springbrook Township permit.
- 6’ of clearance under bar ditch
- Precision traffic control plan discussed
- Precision dust control plan discussed
- Culverts – No flares necessary, No particular size needed
- Precision boring all township roads and some section lines, OK with Craig to open cut section lines



# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 123 AVE NW located between the  
following Township and Range sections:  
(S-116) (T-155N) (R-99/98 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-058.510.900  
123 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

*Robert A. Healy*  
Springbrook Township

By: *[Signature]*  
Vice President, Land and Right of Way

Date: *1/29/14*

Phone: \_\_\_\_\_

ND-601-058.510.900 Page 2  
123 AVE NW

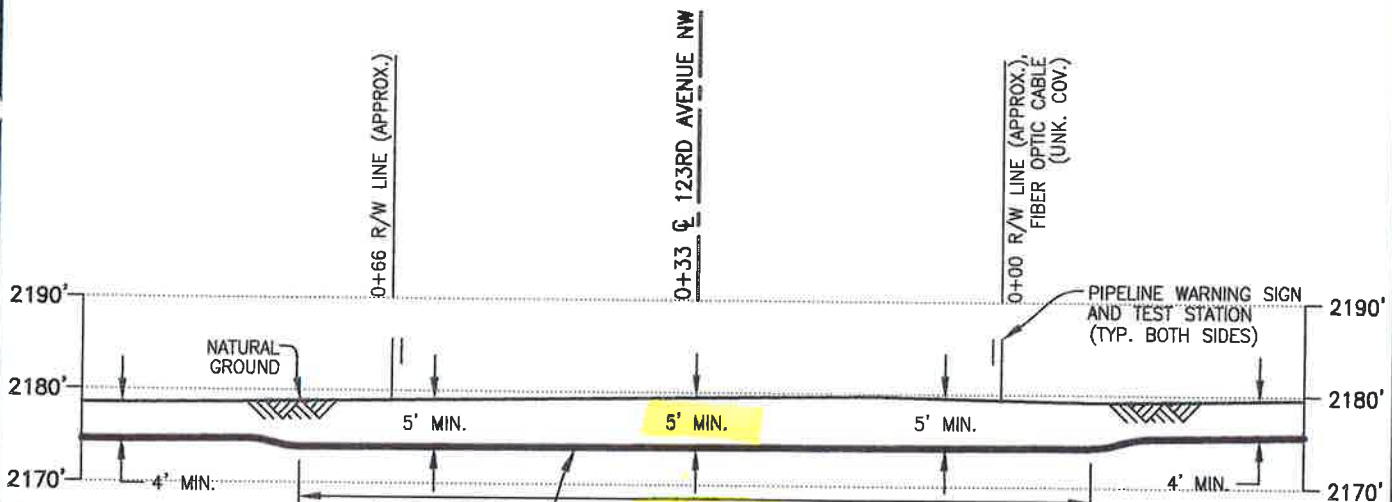
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 1 & 6, TOWNSHIP 155 NORTH, RANGES 98 & 99 WEST



## PLAN

SCALE: 1"=20'



## PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  123RD AVENUE NW (UNIMPROVED)  
 AT STA. 0+33, ELEV. 2179.43'

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING 123RD AVENUE NW

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/25/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	<b>ND-WI-058.510.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Prc 103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957--PB--ND--1 .510.900.dwg PLOT DATE: 12/15/2015 BY: HUMBERSON, JEREMY



PERMIT NO. 11-2-07-1556

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 main STREET, Houston, Tx 77002

to Bore (place or bore) a 20" Crude oil Pipeline (Applicant)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 42 located between the following Township and Range sections:

(S-1)(T-155N)(R-99W)  
SPRINGBROOK (1)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-01-059.940  
CR #42

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

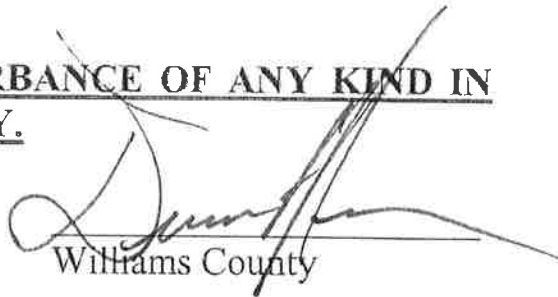
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/20/16

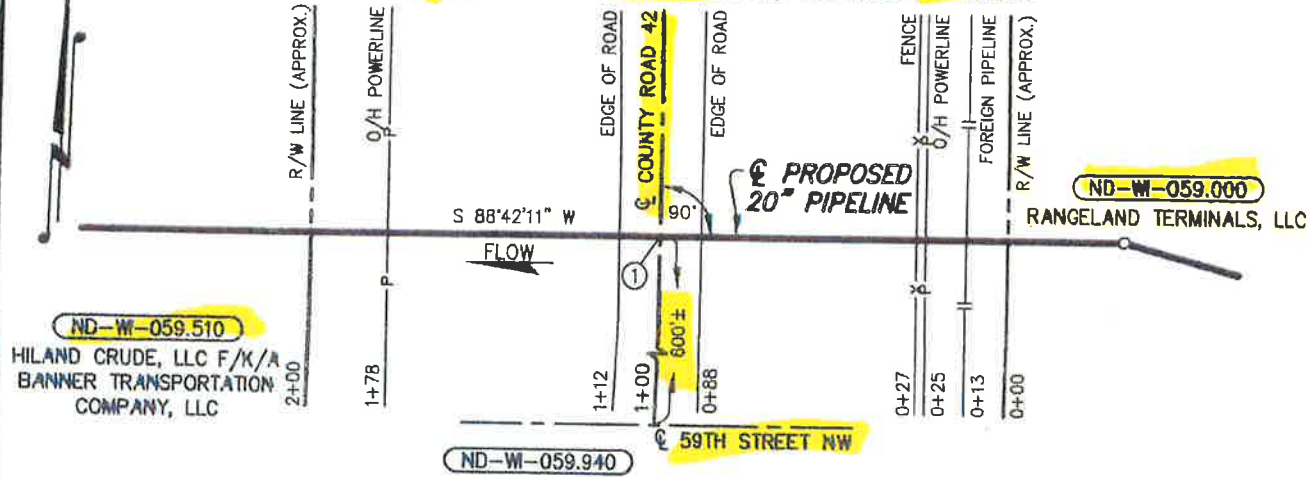
Phone \_\_\_\_\_

100'

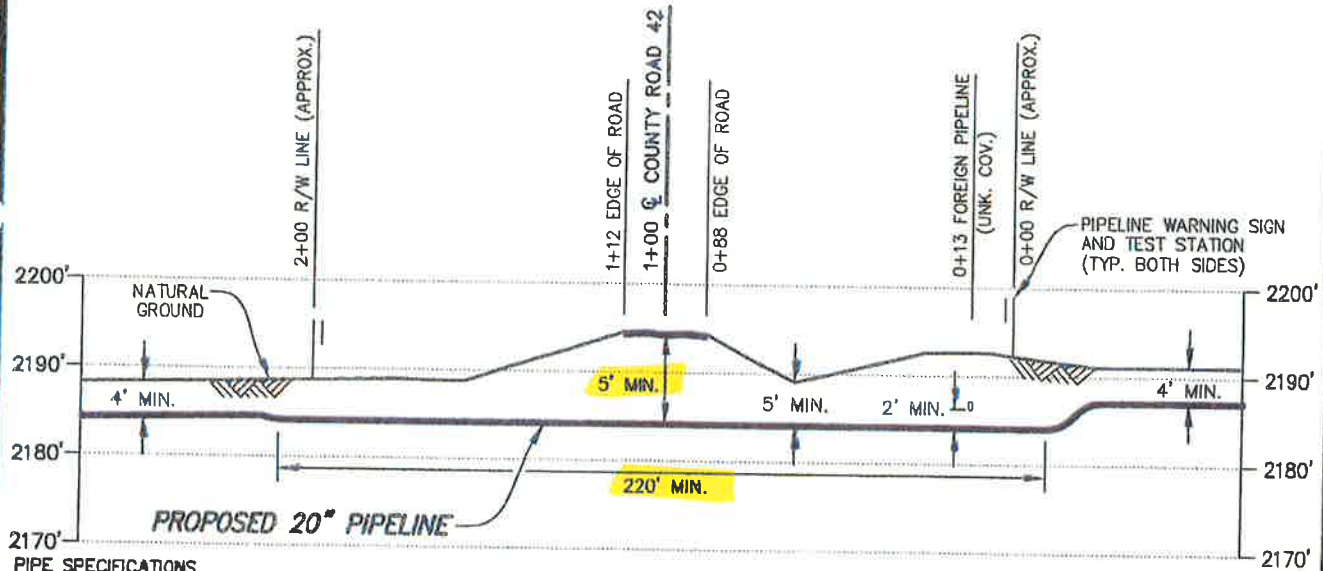
ND-W-059.940  
CR #42

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTION 1, TOWNSHIP 155 NORTH, RANGE 99 WEST



**PLAN**  
SCALE: 1"=50'



**PROFILE**  
SCALE: 1"=50' HORIZ.  
1"=20' VERT.

① X=2040634.94  
Y=17545319.96

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: ☉ COUNTY ROAD 42 AT STA. 1+00, ELEV. 2194.46'

**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	04/15/15	RG	ISSUED FOR USE/PERMIT	
B	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC
A	12/22/14	CHA	ISSUED FOR REVIEW	

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 42 (123RD DRIVE NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-059.940</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R: \\s103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1-059.940.dwg PLOT DATE: 4/13/2015 BY: GARCIA, REFUGIO



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE

Print Name

Permit # 11-2-07-1556



Signature

Invoice # 8859

(713) 989-2864

Phone Number

Co. Rd # 42

2/24/14

Date

Township SPRINGBROOK

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR**)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-684</u> Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a> <b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>
---

Owner Dakota Access, LLC

Address 1300 main Street, Houston, Tx 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactoer \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Spring brook

Section-Township-Range (S-1)(T-155N)(R-99W)

Location in Section SE 1/4 sec 1

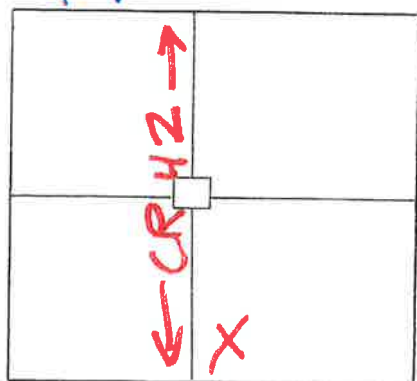
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Location Map

Accessing: County Road #42

(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***  
 Remarks: 18" cmp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Roger Rose  
 Owner/Applicant(Print and Sign)  
[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/14  
 Date  
2/22/16  
 Date

ND-101-059.940  
CR #42  
EAST SIDE

## WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-685

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 1300 main STREET, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contacto \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Springbrook

Section-Township-Range (S-1)(T-155N)(R-99W)

Location in Section SW 1/4 of Section 1

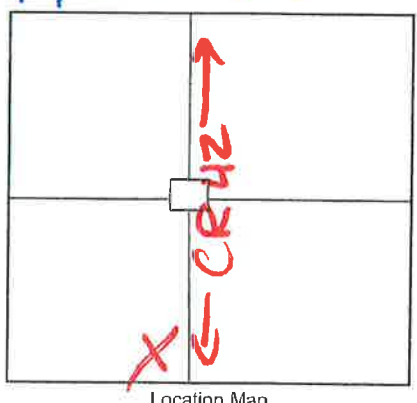
Rig Location: \_\_\_\_\_

Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline valve site

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Accessing: County Road #42

(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rose  
 Owner/Applicant(Print and Sign)

Phone Number \_\_\_\_\_

1/29/16  
 Date

[Signature]  
 Williams County Authorized Signature

Williams County Highway Agency

2/29/16  
 Date

ND-WI-059940  
CR #42  
WEST SIDE

# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 124 AVE NW located between the  
following Township and Range sections:  
(S-1/2) (T-155N) (R-99W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-064.900  
124 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Alana Hodel  
Springbrook Township

By: [Signature]  
Vice President, Land and Right of Way

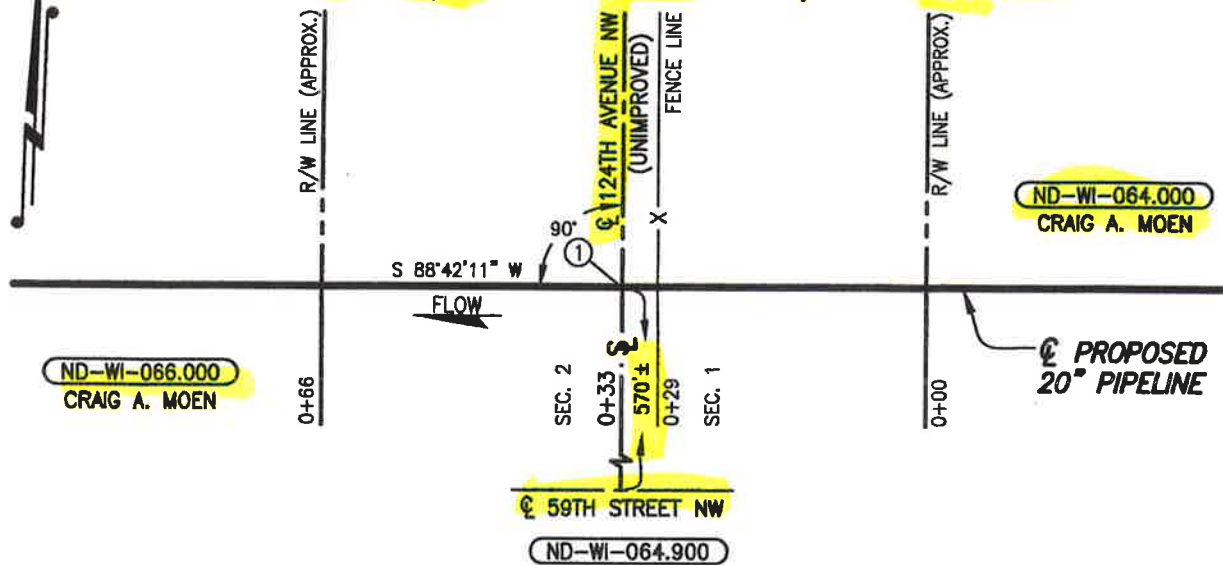
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-064.900  
124 AVE NW

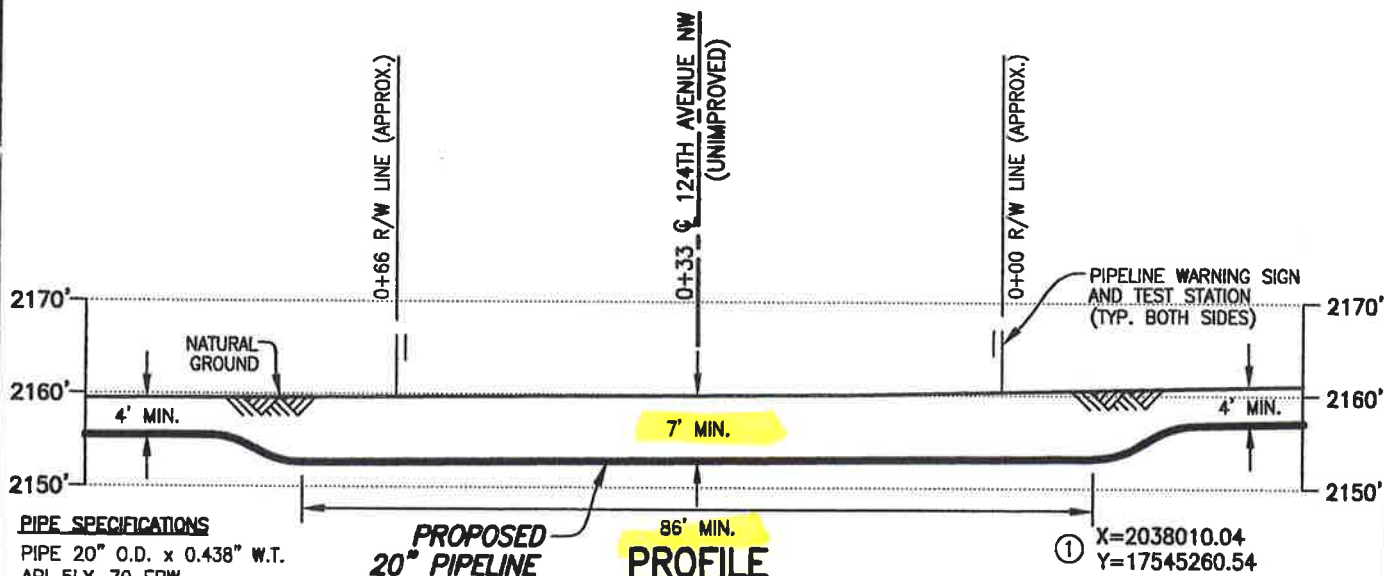
# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 1 & 2, TOWNSHIP 155 NORTH, RANGE 99 WEST



### PLAN

SCALE: 1"=20'



#### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED  
20" PIPELINE**

#### PROFILE

SCALE: 1"=20' HORIZ.  
 1"=20' VERT.

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.:  $\odot$  124TH AVENUE NW (UNIMPROVED)  
 AT STA. 0+33, ELEV. 2159.89'

REV.	DATE	BY	DESCRIPTION	CHK.
A	04/22/15	JMH	ISSUED FOR USE/PERMIT	PN

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING 124TH AVENUE NW (UNIMPROVED)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 04/06/15	DWG. NO.	REV.
CHECKED BY: PN	DATE: 04/15/15	ND-WI-064.900	A
SCALE: AS SHOWN	APP.:		

-064.900.dwg PLOT DATE: 4/22/2015 BY: HUMBERSON, JEREMY

I:\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-

FILE: R:

# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main STREET, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 125 AVE NW located between the  
following Township and Range sections:

(S-213) (T-155N) (R-99W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-101-067.900  
125 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

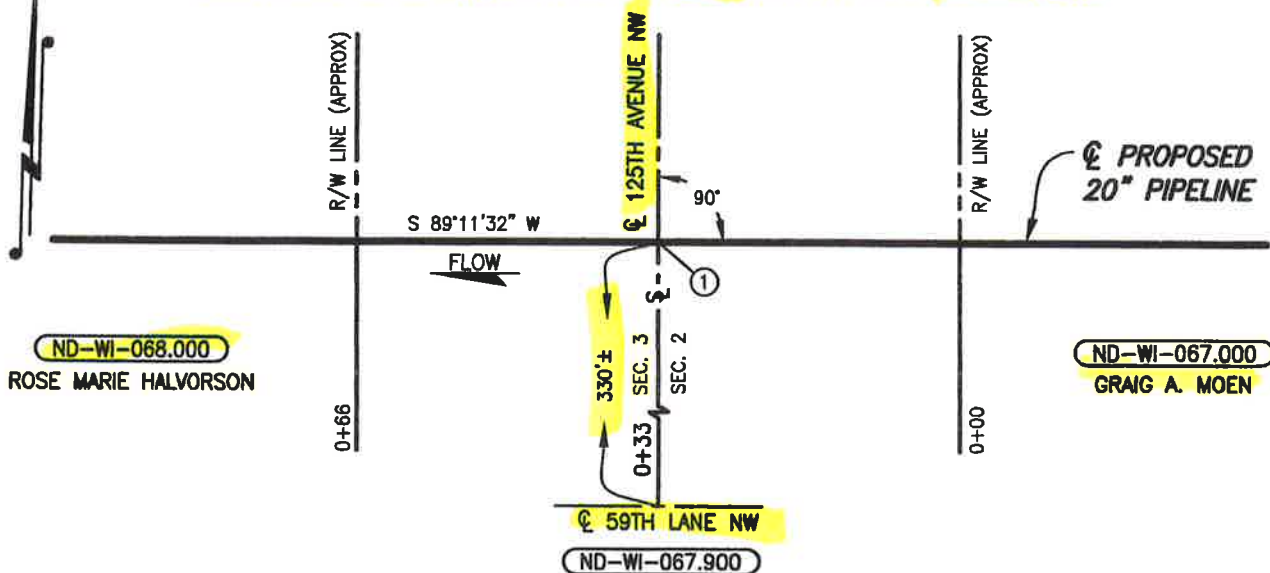
[Signature]  
Springbrook Township

Date: 1/29/16

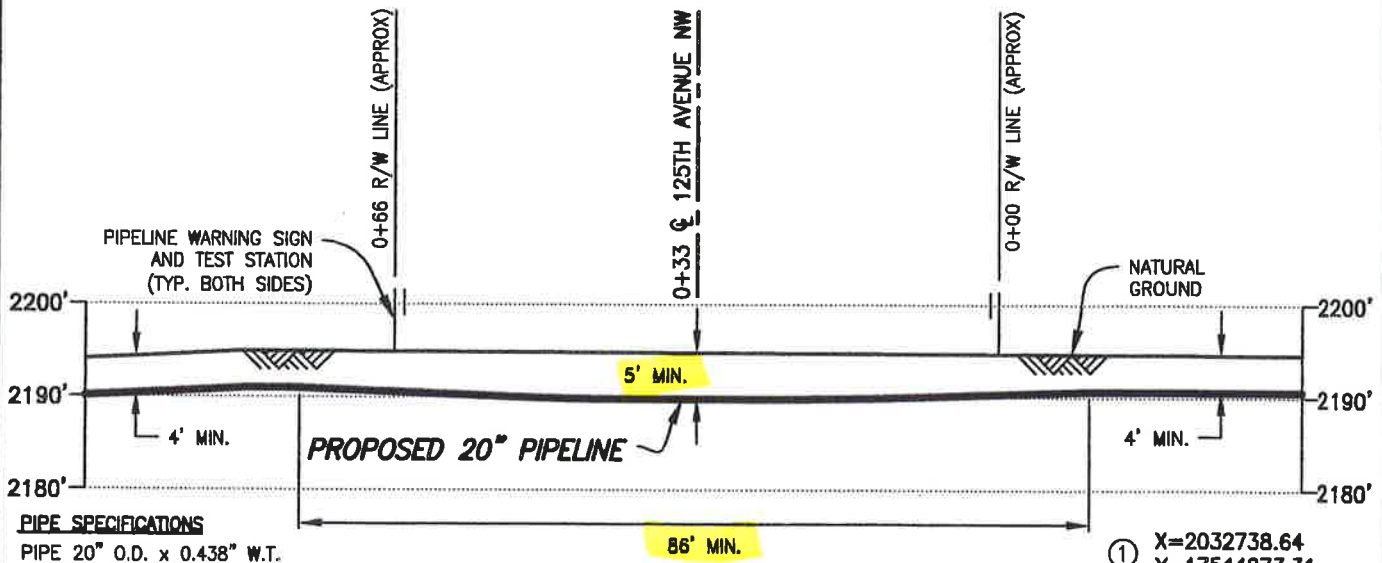
ND-WI-067.900  
125 AVE. NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 2 & 3, TOWNSHIP 155 NORTH, RANGE 99 WEST



**PLAN**  
SCALE: 1"=20'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: OPEN CUT  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
SCALE: 1"=20' HORIZ.  
1"=20' VERT.

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  125TH AVENUE NW  
 AT STA. 0+33, ELEV. 2194.80'

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1-067.900.dwg PLOT DATE: 2/28/2015 BY: HUMBERSON, JEREMY

A	03/02/15	JMH	ISSUED FOR USE/PERMIT	RC	
REV.	DATE	BY	DESCRIPTION	CHK.	
PROJECT NO. 10395700			<b>WOOD GROUP MUSTANG, INC.</b> NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C		

DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
125TH AVENUE NW**

WILLIAMS COUNTY	NORTH DAKOTA	
DRAWN BY: OP	DATE: 02/10/15	DWG. NO.
CHECKED BY: RC	DATE: 03/02/15	REV.
SCALE: AS SHOWN	APP.:	<b>ND-WI-067.900</b>
		<b>A</b>

# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 126 AVE NW located between the  
following Township and Range sections:

(S-3/4) (T-155 N) (R-99W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-070.900  
126 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Paul Helder  
Springbrook Township

By: [Signature]  
Vice President, Land and Right of Way

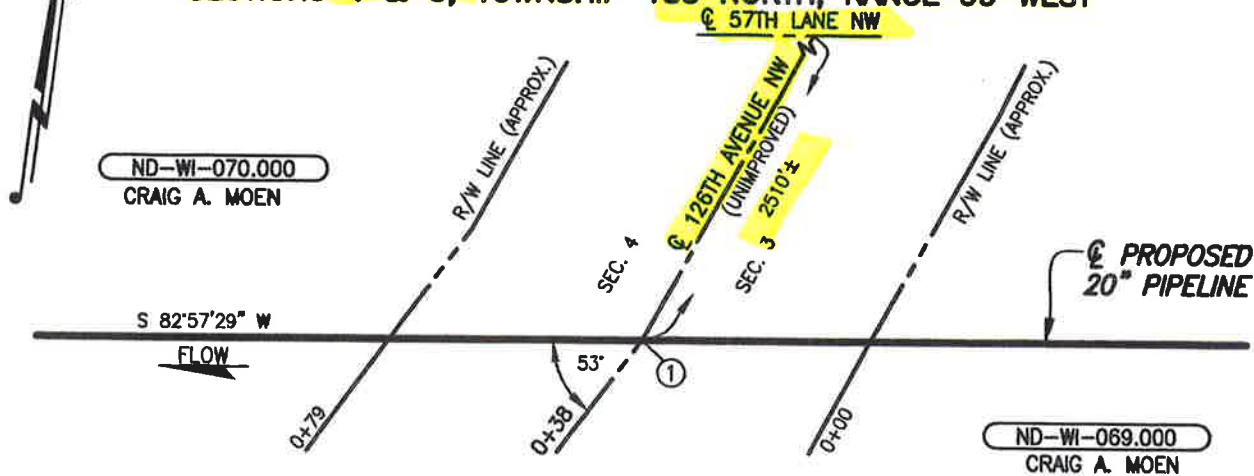
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-070900  
126 Ave. NW

# WILLIAMS COUNTY, NORTH DAKOTA

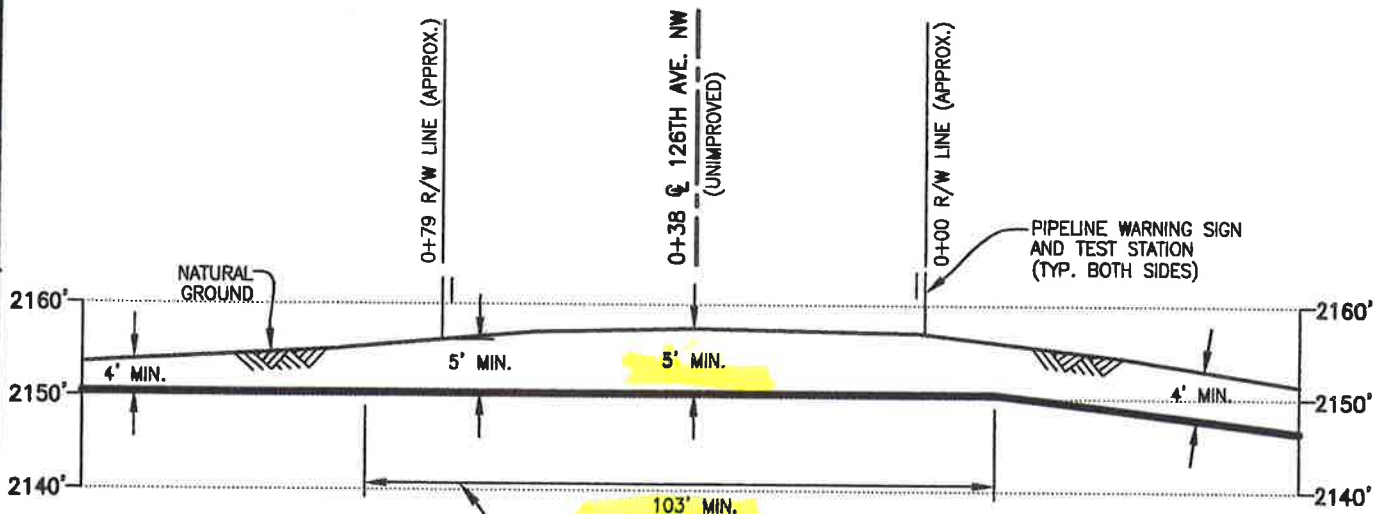
SECTIONS 4 & 3, TOWNSHIP 155 NORTH, RANGE 99 WEST



ND-WI-070.900

## PLAN

SCALE: 1"=30'



### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: OPEN CUT  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

## PROFILE

SCALE: 1"=30' HORIZ.  
 1"=20' VERT.

① X=2027341.07  
 Y=17544546.21

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  126TH AVE. NW (UNIMPROVED) AT STA. 0+38, ELEV. 2157.41'

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-1.dwg PLOT DATE: 3/30/2015 BY: VILLARREAL, PHIL

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 126TH AVENUE NW (UNIMPROVED)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: RG	DATE: 03/25/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	ND-WI-070.900	A
SCALE: AS SHOWN	APP.:		

# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 128 Ave W located between the  
following Township and Range sections:

(S-516)(T-155N)(R-99W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-080.900 Page 1

128 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

[Signature]  
Springbrook Township

Date: 1/22/16

ND-WI-080.900  
128 AVE. NW

# Springbrook Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Springbrook Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main STREET, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 59 ST. NW located between the  
following Township and Range sections:

(S-6/7) (T-155N) (R-99W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-02.900  
59 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 580-5015 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Springbrook TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

*Robert Kelly*  
Springbrook Township

By: *[Signature]*  
Vice President, Land and Right of Way

Date: *1/29/16*

Phone: \_\_\_\_\_

ND-WI-082.900  
59 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 6 & 7, TOWNSHIP 155 NORTH, RANGE 99 WEST

☉ COUNTY ROAD 11 (129TH AVENUE NW)

ND-WI-082.000

BETTY M. CHRISTOPHERSON

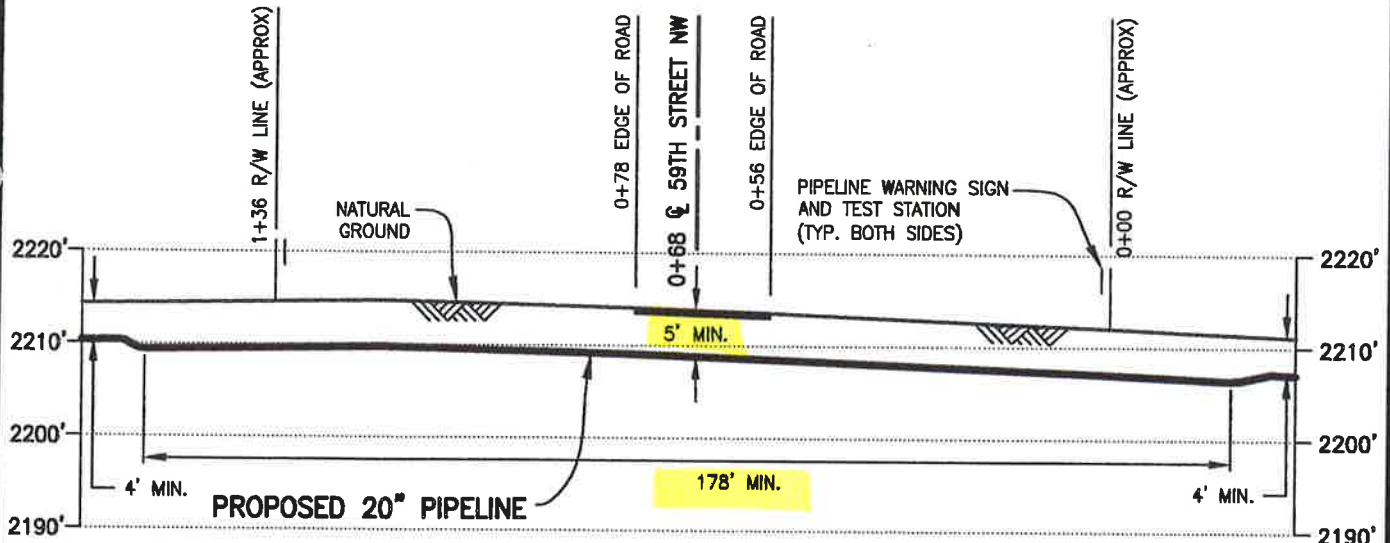
ND-WI-083.000

BETTY M. CHRISTOPHERSON

ND-WI-082.900

## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=2012344.77  
Y=17544092.39

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ 59TH STREET NW AT STA. 0+68, ELEV. 2213.77'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: OPEN CUT  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/30/15	JWH	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700

WOOD GROUP MUSTANG, INC.



DAKOTA ACCESS, LLC

PROPOSED 20" DAPL PIPELINE CROSSING  
59TH STREET NW

WILLIAMS COUNTY

NORTH DAKOTA

DRAWN BY: OP

DATE: 03/20/15

DWG. NO.

REV.

CHECKED BY: PA

DATE: 03/27/15

ND-WI-082.900

A

SCALE: AS SHOWN

APP.:

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Pherrin

Section-Township-Range (S-12)(T-155N)(R-100W)

Location in Section NE 1/4 of Section 12

Rig Location: \_\_\_\_\_

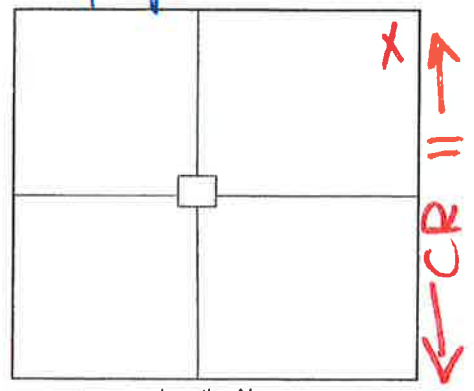
Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Permit # <u>11-2-08-687</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>



Accessing: County Road 11  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" comp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rose  
Rose  
 Owner/Applicant (Print and Sign) \_\_\_\_\_ Phone Number \_\_\_\_\_  
William  
 Williams County Authorized Signature \_\_\_\_\_ Agency \_\_\_\_\_

2/29/16  
 Date \_\_\_\_\_  
2/29/16  
 Date \_\_\_\_\_

ND-WI-084900  
CPM  
WEST SIDE

WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - (FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner DAKOTA ACCESS, LLC

Address 1300 Main Street, Harston, TX 77002

Home Phone

Alternate Phone

Contact

Contractor Phone #

Township Name Springbrook

Section-Township-Range (S-7)(T-155N)(R-99W)

Location in Section NW 1/4 - Section 7

Rig Location: Rig Name

Approach Type: [ ] New [ ] Improved [x] Temporary [ ] Other

Approach Use: [ ] Residential [ ] Commercial [ ] Field Access [x] Other Pipeline

Additional Information

Accessing: County Road # 11 (The part of the approach that meets the County Road MUST be one (1) foot below the shoulder of the County Road.)

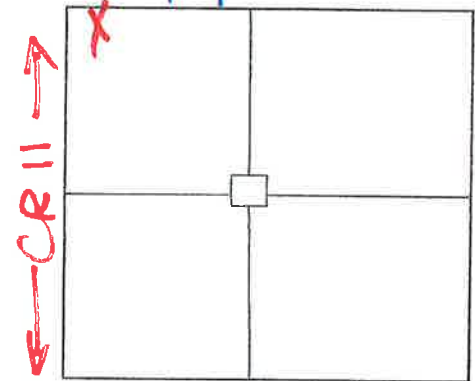
Approach Width (20' min - 30' max) (25 ft rad max)

Culvert Required: [ ] No [x] Yes Size(18 inch min) 18" CMP

\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\*

Remarks: 18" cmp culvert Required

Permit # 11-2-08-684
Williams County Highway Dept.
PO Box 1305
Williston ND 58802-1305
Phone: (701)577-4521
rhondaw@co.williams.nd.us
ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS



Location Map

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Owner/Applicant (Print and Sign) [Signature]
Williams County Authorized Signature

Phone Number
Williams County Highway Agency

1/29/16 Date
2/29/16 Date

ND-01-084.900
CR # 11
EAST SIDE



PERMIT NO. 11-2-07/555

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 main Street, Houston, TX 77002 to Boize a 20" crude oil pipeline

(Applicant)  
(place or bore)  
through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 11 located between the following Township and Range sections:

(S- 7/12) (T- 155 N) (R- 99/100W)  
SPRINGBROOK (7) + PATERIN (12)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-084.900  
CR# 11

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

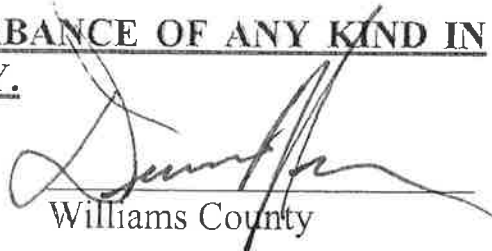
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

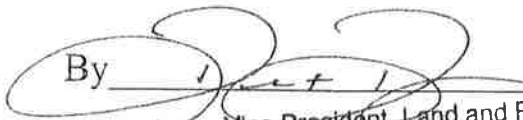
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

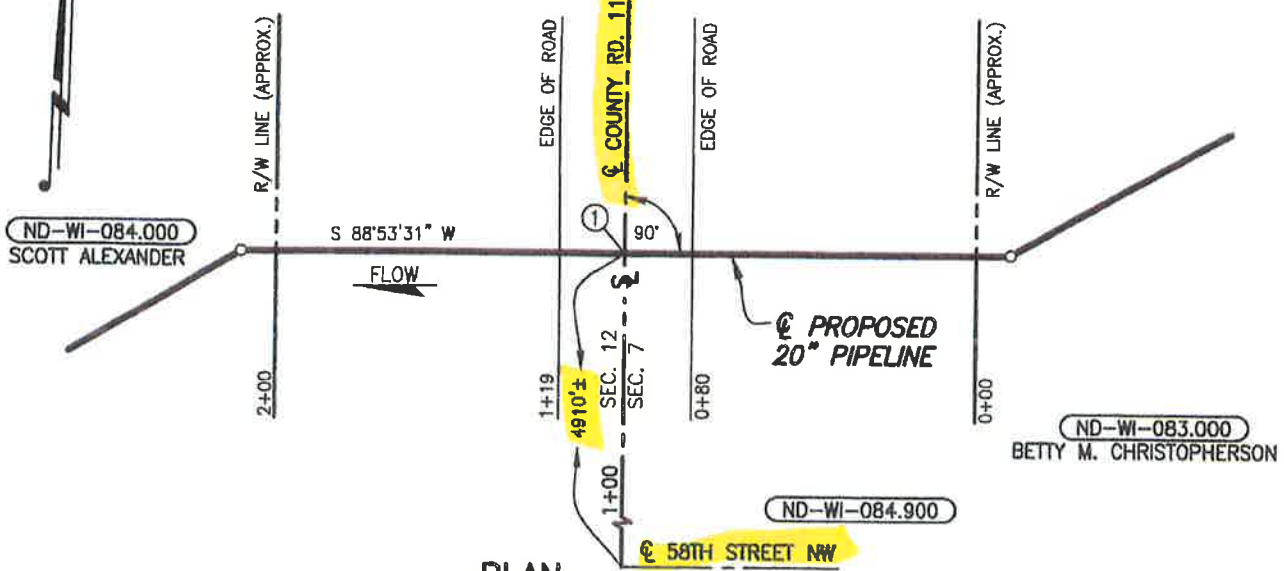
By   
Vice President, Land and Right of Way  
Phone \_\_\_\_\_

Date: 1/29/16

ND-WI-084.900  
CP # 11

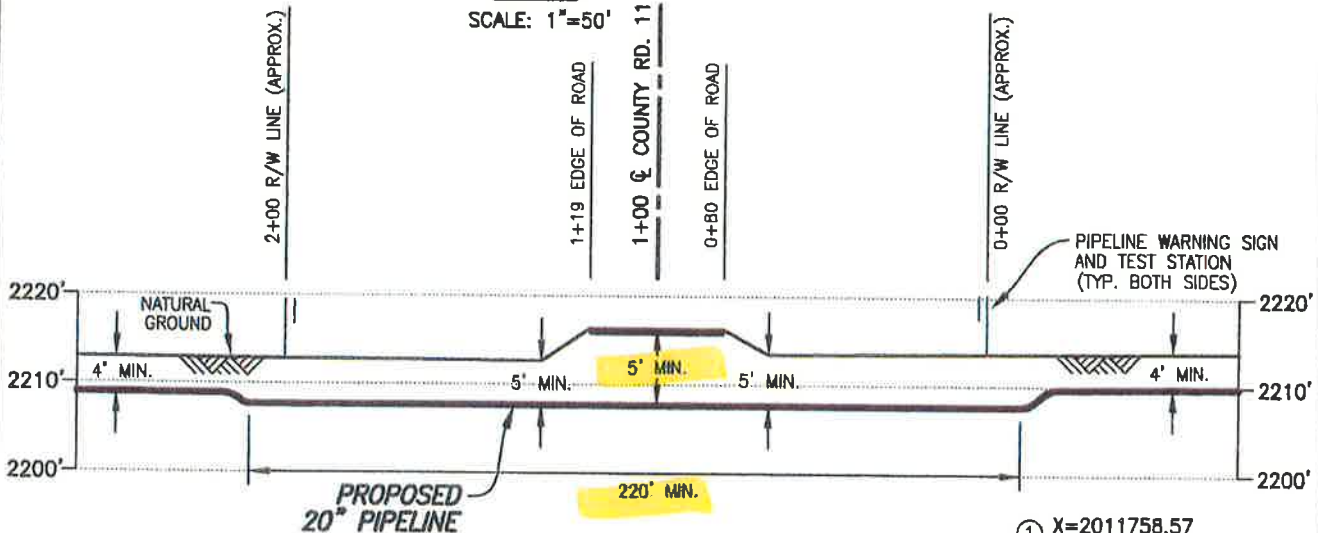
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 7 & 12, TOWNSHIP 155 NORTH, RANGES 99 & 100 WEST



### PLAN

SCALE: 1" = 50'



### PROFILE

SCALE: 1" = 50' HORIZ.  
1" = 20' VERT.

#### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ♀ COUNTY ROAD 11 AT STA. 1+00, ELEV. 2216.29'

REV.	DATE	BY	DESCRIPTION	CHK.
C	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	OP	ISSUED FOR USE/PERMIT	RC
A	12/22/14	OP	ISSUED FOR REVIEW	



DAKOTA ACCESS, LLC

### PROPOSED 20" DAPL PIPELINE CROSSING COUNTRY ROAD 11

PROJECT NO. 10395700

WILLIAMS COUNTY

NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**

NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: OP

DATE: 12/03/14

DWG. NO.

REV.

CHECKED BY: RC

DATE: 03/02/15

**ND-WI-084.900**

**C**

SCALE: AS SHOWN

APP.:

384.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

A:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-N

FILE: R:\V



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1555

[Signature]  
Signature

Invoice # 8859

(713) 989-2804  
Phone Number

Co. Rd # 11

2/24/16  
Date

Township SPRING BROOK + DEER CREEK

# Pherrin Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$0.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Pherrin Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 132 Avenue NW located between the  
following Township and Range sections:  
(S-9/10) (T-155N) (R-100 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-093-900  
132 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 770-2915 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Pherrin TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

[Signature]  
Pherrin Township

By: [Signature]  
Vice President, Land and Right of Way

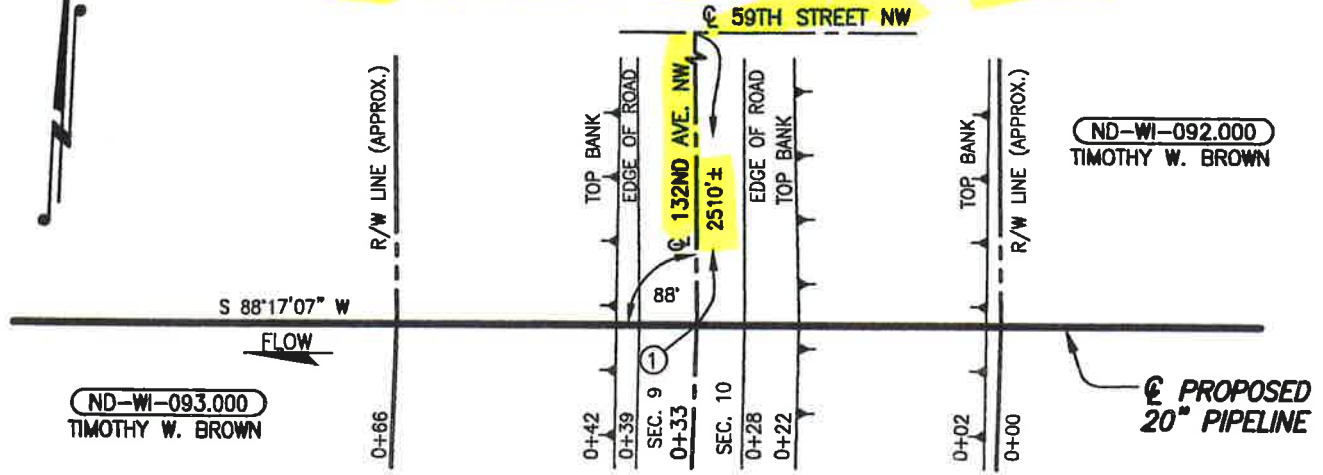
Date: 1/22/16

Phone: \_\_\_\_\_

ND-WI-093900  
139 Ave NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 9 & 10, TOWNSHIP 155 NORTH, RANGE 100 WEST



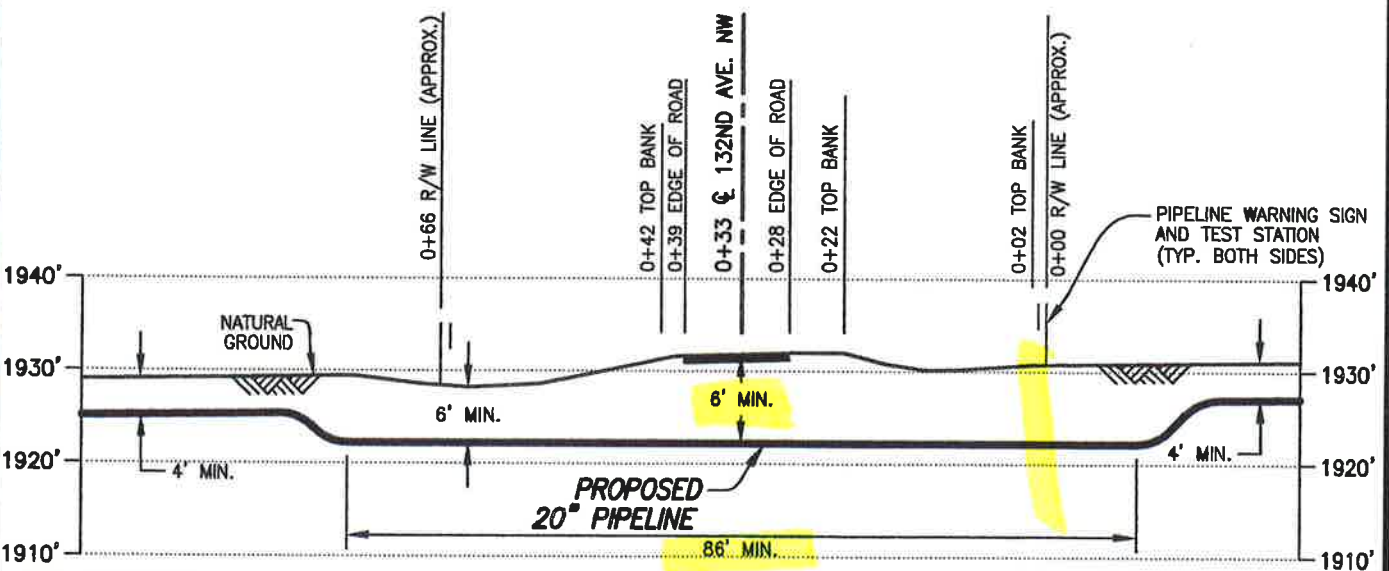
ND-WI-093.000  
TIMOTHY W. BROWN

ND-WI-092.000  
TIMOTHY W. BROWN

ND-WI-093.900

## PLAN

SCALE: 1"=20'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

## PROFILE

SCALE: 1"=20' HORIZ.  
 1"=20' VERT.

① X=1995959.30  
 Y=17541305.09

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  132ND AVENUE NW  
 AT STA. 0+33, ELEV. 1931.80'

REV.	DATE	BY	DESCRIPTION	CHK.
C	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA
B	03/02/15	OP	ISSUED FOR USE/PERMIT	RC
A	12/22/14	ET	ISSUED FOR REVIEW	



DAKOTA ACCESS, LLC

## PROPOSED 30" DAPL PIPELINE CROSSING

132ND AVENUE NW

WILLIAMS COUNTY	NORTH DAKOTA	
DRAWN BY: ET	DATE: 11/06/14	DWG. NO.
CHECKED BY: RC	DATE: 03/02/15	REV.
SCALE: AS SHOWN	APP.:	ND-WI-093.900

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

FILE: R:\F:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-N 93.900.dwg PLOT DATE: 3/31/2015 BY: HARBOLT, JASON



PERMIT NO. 11-2-07-1554

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 main STREET, Houston, TX 77002 to Bore a 20" CRUDE OIL pipeline

(place or bore)  
through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 9 located between the following Township and Range sections:

(S-819) (T-155N) (R-100W)  
PREVIOUS (8+9)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-101-100.905  
CR#9

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

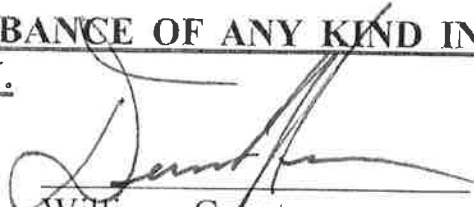
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

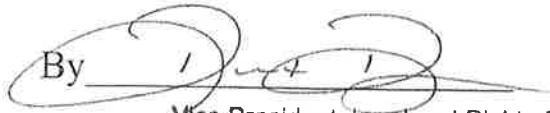
**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way  
Phone \_\_\_\_\_

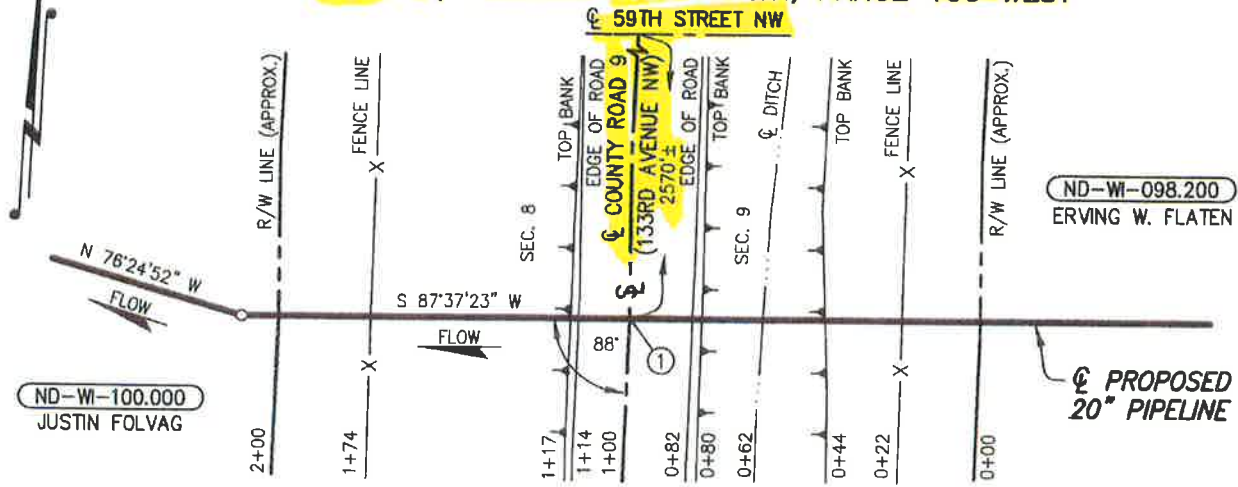
Date: 1/29/14

100'

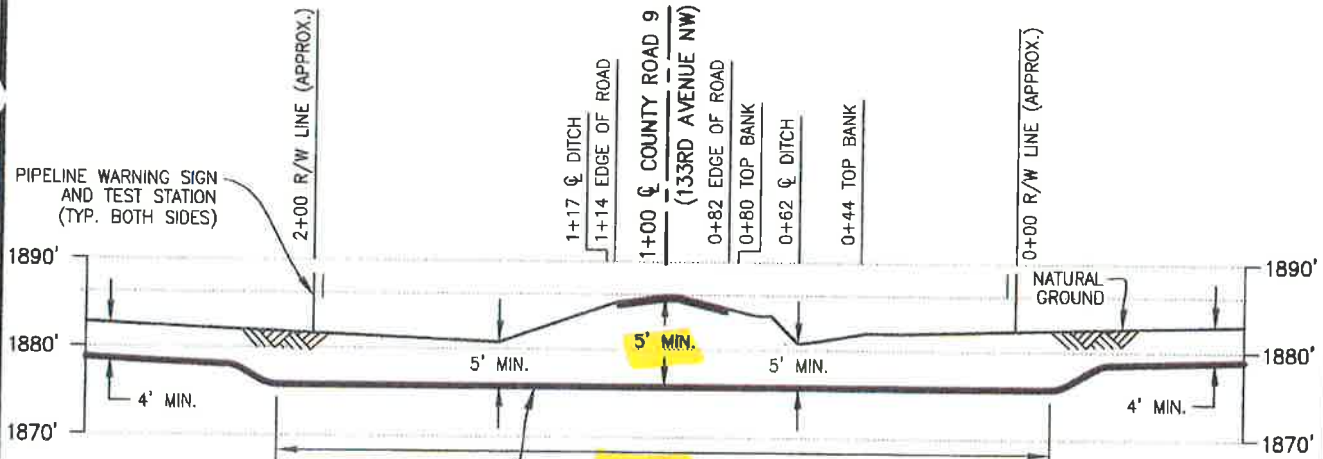
ND-WI-100.905-  
CR #9

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 8 & 9, TOWNSHIP 155 NORTH, RANGE 100 WEST



**ND-WI-100.905**  
**PLAN**  
 SCALE: 1"=50'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=50' HORIZ.  
 1"=20' VERT.

① X=1990704.17  
 Y=17541097.46  
**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\phi$  COUNTY ROAD 9 (133RD AVENUE NW)  
 AT STA. 1+00, ELEV. 1886.22'

REV.	DATE	BY	DESCRIPTION	CHK.
C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	OP	ISSUED FOR USE/PERMIT	RC
A	12/22/14	ET	ISSUED FOR REVIEW	

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



### PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 9 (133RD AVENUE NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/04/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-100.905</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957--PB--ND-3.905.dwg PLOT DATE: 5/6/2015 BY: VILLARREAL, PHIL  
 FILE: R:\P\



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1554

[Signature]  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co Rd # 9

2/24/14  
Date

Township PARRIS

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-688</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner Dakota Access

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactors \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Phelan

Section-Township-Range (5-9)(T-1550)(R-1000)

Location in Section NW 1/4 of Section 9

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

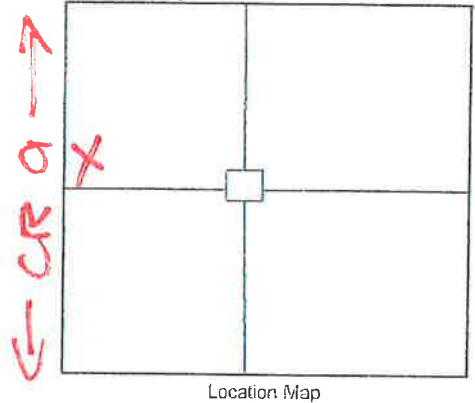
Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Accessing: County Road 9  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP  
**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)  
[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/16  
Date  
2/29/16  
Date

ND-01-100.905  
CR #9  
FIRST SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactors \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Phenix

Section-Township-Range (5-8)(T-1550)(R-1000)

Location in Section NE 1/4 of Section 8

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_

Accessing: County Road # 9  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

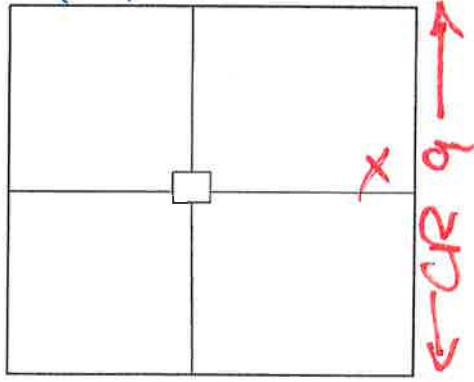
**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_

Permit # 11-2-08-1089

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
 Owner/Applicant (Print and Sign)

[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
 Date

2/29/16  
 Date

ND-01-100.905  
CR #9  
INJECT SIDE

# Pherrin Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT

FEE - \$ 0.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Pherrin Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 135 AVE NW located between the  
following Township and Range sections:

(S-7/12) (T-155N) (R-100/101 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-106.900  
135 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish.  
(701) 770-2915 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Pherrin TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

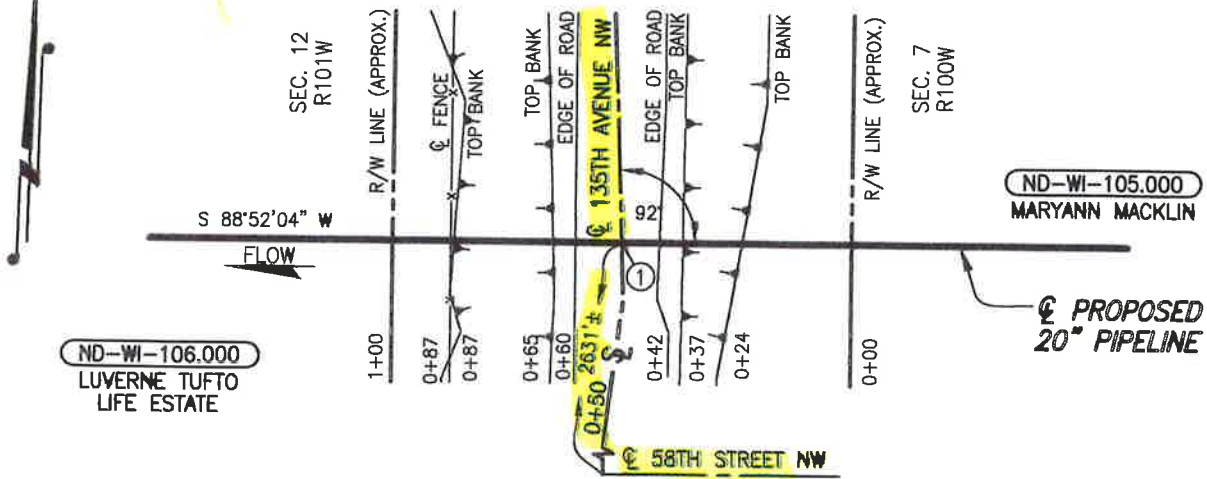
[Signature]  
Pherrin Township

Date: 1/20/16

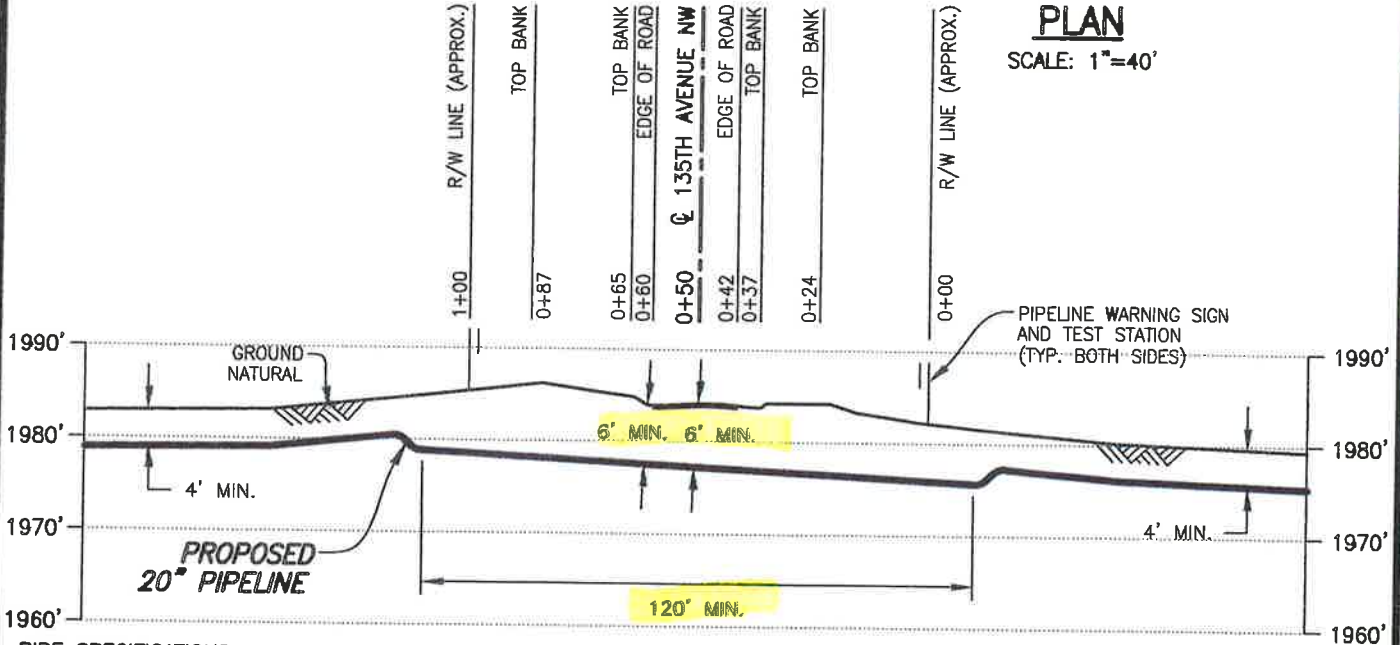
ND-W1-106.900  
135 AVE. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 7 & 12, TOWNSHIP 155 NORTH, RANGES 100 & 101 WEST



**PLAN**  
SCALE: 1"=40'



**PROFILE**  
SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=1980316.01  
Y=17540895.26

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ 135TH AVENUE NW AT STA. 0+50, ELEV. 1984.17'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/10/15	JMH	ISSUED FOR USE/PERMIT	CH
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/11/15	JTM	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
135TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 03/03/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/09/15	ND-WI-106.900	C
SCALE: AS SHOWN	APP.:		

FILE: R:\Prc 103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-1 .900.dwg PLOT DATE: 12/15/2015 BY: HUMBERSON, JEREMY

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 135 AVE NW located between the  
following Township and Range sections:

(S-7/12)(T-155N)(R-100/101 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-106.900 Page 1  
135 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 570-6707 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Doyle Hughes  
Missouri Ridge Township

By: [Signature]  
Vice President, Land and Right of Way

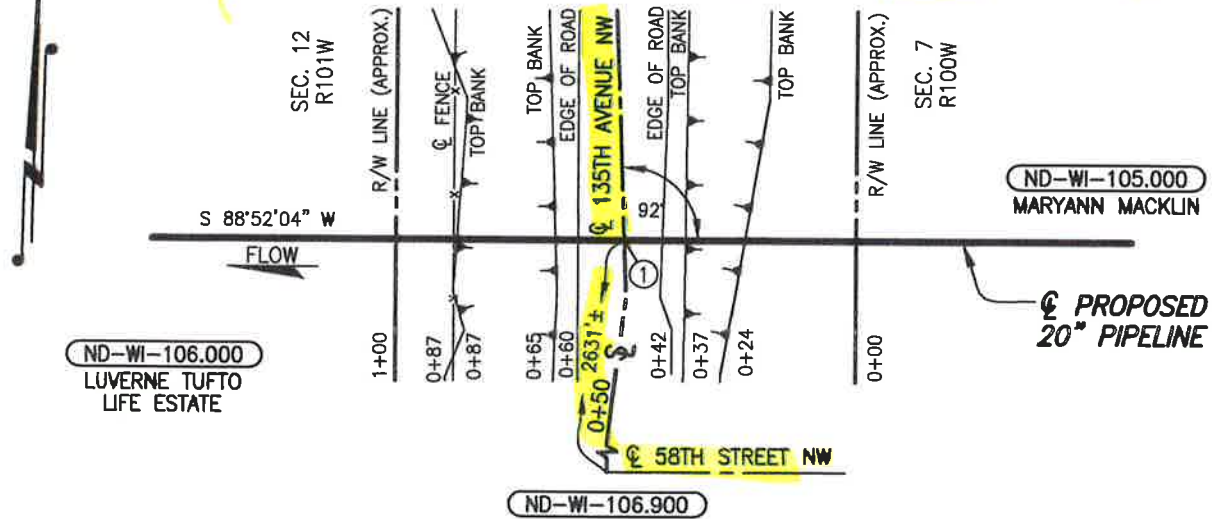
Date: 1/29/18

Phone: \_\_\_\_\_

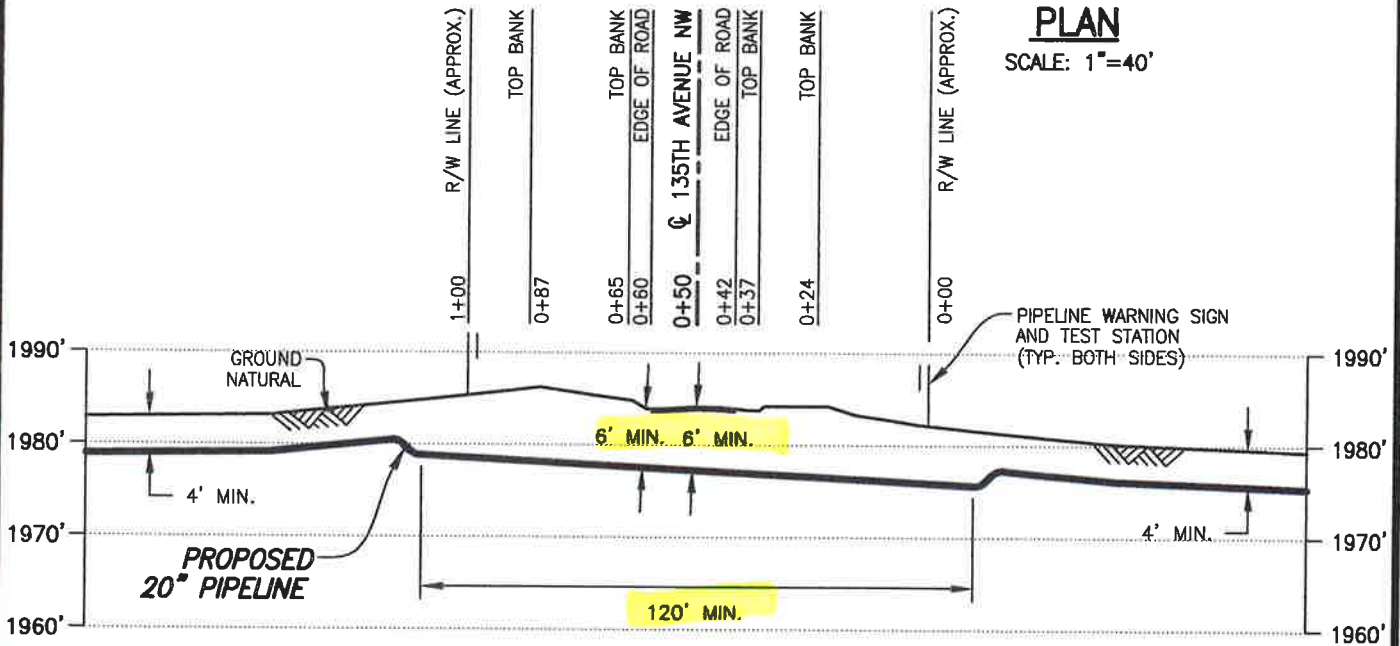
ND-WI-106:900  
135 AVE. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 7 & 12, TOWNSHIP 155 NORTH, RANGES 100 & 101 WEST



**PLAN**  
SCALE: 1"=40'



① X=1980316.01  
Y=17540895.26

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: ☉ 135TH AVENUE NW AT STA. 0+50, ELEV. 1984.17'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/10/15	JMH	ISSUED FOR USE/PERMIT	CH
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/11/15	JTM	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
135TH AVENUE NW**

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 03/03/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/09/15	<b>ND-WI-106.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Prc 103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-1 .900.dwg PLOT DATE: 12/15/2015 BY: HUMBERSON, JEREMY

1

# UTILITY OCCUPANCY APPLICATION AND PERMIT

North Dakota Department of Transportation, Design  
SFN 7995 (2-2016)

## FOR STATE USE ONLY (Type or Print)

RIMS Document Number 73091	Contract Number 1671160669	District Tracking Number 7-002-026.9460
-------------------------------	-------------------------------	--

## APPLICANT INFORMATION

Authorized Utility Agent (must be same as signatory for permit)

Company Name Dakota Access LLC	Contact Name Robert Rose	Telephone Number 832.668.1483
Mailing Address 1300 Main Street	City Houston	State TX
		ZIP Code 77002

## Preparer - Consultant

Company Name Wood Group Mustang	Contact Name Jenni Sherrill	Telephone Number 903.570.3412
Mailing Address 1100 Weiss Avenue	City Bismarck	State ND
		ZIP Code 58503

## Utility Contractor

Company Name Precision Pipeline LLC	Contact Name Jim Crawford	Telephone Number 715.450.0988
Mailing Address 3314 56th Street	City Eau Claire	State WI
		ZIP Code 54703

## TYPE OF FACILITY (Complete appropriate space only.)

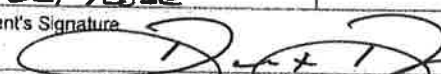
Description of Proposed Facility Cathodically protected steel crude oil pipeline		
Size of Facility 20" OD x 0.438 WT	Number of Cables	Length of Down Guys
Pipeline Pressure MOP: 1,440 PSIG	Size of Casing	Length of Casing
Location of Pole(s)	Location of Appurtenances	Location - Others

**TERMS AND CONDITIONS:** Installation and maintenance of said facilities on highway right of way shall be subject to the North Dakota Department of Transportation's (NDDOT's) "A Policy for Accommodation of Utilities on State Highway Right of Way", current edition, and the following terms and conditions, attached hereto and made a part hereof.

The installation shall be completed on or before: Date May 2017

See page 2 for additional Terms and Conditions.

## APPROVAL

Company Name (Utility Agency) DAKOTA ACCESS LLC	Authorized Utility Agent Name (Type or Print) ROBERT ROSE	Authorize Agent Title Vice President, Land and Right of Way
Date 2/24/16	Authorized Agent's Signature 	

To be signed by Owner, Partner, Corporate President, Vice President, or other authorized Corporate Officer. If signed by other authorized Corporate Officer, please attach copy of Power of Attorney or other documentation showing authority to sign.

The Owner is hereby granted permission to install and maintain the facilities applied for, as shown on the plans attached hereto, and made a part hereof.

NDDOT Approved Date  
4/19/16

## NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

District Engineer (Type or Print) JOEL M. WILT	District Engineer Signature 
---	---

ND-WI-113.900 ND-WI-183.910  
1125/1127 1127

R

- (A) Installation/maintenance of said facilities shall be done in a manner satisfactory to the NDDOT district engineer.
- (B) Owner shall notify the NDDOT district engineer forty-eight (48) hours prior to installing, maintaining, relocating, or removing said facilities. All disturbed areas shall be restored to their original condition in a manner satisfactory to the NDDOT district engineer.
- (C) The owner shall be required to wear an ANSI/ISEA 107-2010 Class II high visibility garment while within the highway right-of-way as per the requirements of 23 CFR 634.
- (D) Owner 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 facilities on highway right of way.
- (E) The Risk Management Appendix, attached, is hereby incorporated and made a part of this agreement.
- (F) Owner shall promptly remove said facilities from highway right of way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by NDDOT. The owner may be held responsible for delay costs caused by the owner's failure to use reasonable efforts to relocate or adjust facilities in a timely manner.
- (G) NDDOT specifically reserves the right to revoke, or change the terms and conditions of, this Permit with or without cause and upon notice to the Owner.
- (H) The Owner, for him or herself, his or her 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 grounds of race, color, 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 grounds of race, color, national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the Owner will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and regulations, 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.
- That in the event of breach of any of the above Non discrimination covenants, the 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.
- (I) If the utility facility includes drain tile, a "Request for Drainage on Highway Rights of Way", state form number 50909, must be made in conjunction with this permit.
- (J) The Department's review and subsequent approval of this permit request does not relieve the applicant of the responsibility to comply with all Federal and State laws and regulations that govern, but are not limited to, the protection of wetlands, threatened and endangered species, and migratory birds. The applicant is responsible to comply with all Federal and State laws and regulations that govern the protection of cultural resources within the permit application area (e.g., S.106 of the National Historic Preservation Act, 36 CFR Part 800; ND Century Code 55-02-07; ND Century Code 55-03-01.1). The applicant shall be aware of the ND State burial law (ND Century code 23-06-27; Administrative Rule 40-02) and ensure compliance for any discovery of human remains within the permit request area.
- (K) The Contractor agrees that NDDOT's review of the utility relocation plans, specifications, calculations, and field inspections shall be solely for NDDOT purposes and not for the benefit of the Utility or any third party and shall not be deemed to mean that the Utility's design and construction is structurally sound and appropriate or meets applicable federal and state regulations, laws, or local ordinances, codes, or industry standards (collectively, "Requirements"). The Utility affirms that it has taken all of the actions necessary and required for the construction, operation, and maintenance of its facility authorized hereunder, including compliance with all Requirements."
- (L) Detailed location maps showing lateral offsets from roadway centerlines are required for a permit.

2

For State Use Only

District Tracking Number

Please attach detail location map for each Utility Location. Use multiple utility locations when changing lateral offsets.

Highway Number <del>US2</del> / US2		Utility Location <input type="checkbox"/> Along or <input checked="" type="checkbox"/> Across	
Nearest City or Hwy Jct. Williston		Direction (N, S, E, W) South	Approximate Miles From 5.00
Begin	Reference Marker 27	Direction (N, S, E, W) South	Longitudinal Offset (feet) 270'
	Direction From Centerline (N, S, E, W) West		Lateral Offset (feet) 192'

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset
	26.9460			

End	Reference Marker 26	Direction (N, S, E, W) North	Longitudinal Offset (feet) 49953'
	Direction From Centerline (N, S, E, W) East		Lateral Offset (feet) 268'

$4995/5240 = 0.9460$

Highway Number US2		Utility Location <input type="checkbox"/> Along or <input checked="" type="checkbox"/> Across	
Nearest City or Hwy Jct. Jct 1804/US2		Direction (N, S, E, W) West	Approximate Miles From .22
Begin	Reference Marker 12	Direction (N, S, E, W) West E	Longitudinal Offset (feet) 1196'
	Direction From Centerline (N, S, E, W) North		Lateral Offset (feet) 225'

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset
	12.2265			

End	Reference Marker 13	Direction (N, S, E, W) West	Longitudinal Offset (feet) 4106'
	Direction From Centerline (N, S, E, W) South		Lateral Offset (feet) 225'

$1196/5280 = 0.2265$

Highway Number		Utility Location <input type="checkbox"/> Along or <input type="checkbox"/> Across	
Nearest City or Hwy Jct.		Direction (N, S, E, W)	Approximate Miles From
Begin	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)
	Direction From Centerline (N, S, E, W)		Lateral Offset (feet)

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset

End	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)
	Direction From Centerline (N, S, E, W)		Lateral Offset (feet)

1st \$100 2nd \$50

\$150

⤵

**NOTICE:** The Recipient must comply with ALL applicable Federal, State and local laws, rules, regulations, codes, ordinances, etc., including, but not limited to North Dakota Century Code, Chapter 49-23. (ONE-CALL EXCAVATION NOTICE SYSTEM)

**INSTALLATION AND MAINTENANCE:** Installation and maintenance of said facilities on highway right of way shall conform to the following provisions:

1. Within thirty (30) days after construction, maintenance, relocation, or removal of said facilities, any right of way scars shall be removed and disturbed areas restored to original condition. Existing topsoil shall be removed prior to excavation and stockpiled until all disturbed areas are restored to original grade. The stockpiled topsoil shall be evenly and smoothly replaced over the areas disturbed by the trenches or pits.
2. Vehicles and other work equipment used to install or maintain said facilities within highway right of way shall, where possible, use established access points, service roads, driveways and approaches to enter or leave the outer portion of the right of way for the performance of necessary work operations. Such vehicles and work equipment shall not be parked on the through-traffic lanes or shoulders of the highway during installation or maintenance of said facilities. **The parking of equipment, vehicles, and storing of materials in the median on divided roadways is not permitted. On all roadways, parking and storing of materials may be permitted only if equipment, vehicles and material are located a minimum of 60 feet from the outside edge of the driving lane.**
3. Protection to the free and safe flow of the highway traffic shall be as required in accordance with the "Manual on Uniform Traffic Control Devices", current edition.
4. The Recipient will notify the District Engineer of the Department of Transportation forty-eight (48) hours prior to beginning this installation. Immediately following the final clean up of the area, the Recipient shall again notify the District Engineer of the Department of Transportation.
5. The Department of Transportation may not be the total fee owner and does not warrant the title to the highway right of way covered by the terms of this permit. The Recipient shall be responsible for reviewing the public records to determine ownerships and any encumbrances to the title of the properties covered by the terms of this permit.
6. Trenches and pits opened within the right of way shall be cut to O.S.H.A. Standards and shall be of minimum width necessary to accommodate installation of said facilities. **Trenches and Pits shall not be left open overnight, or unattended. Slopes shall not have more than a 2" drop off, all slopes shall be 4:1.**
7. Trenches and pits opened within the right of way shall be backfilled with the same material originally in place, compacted to a density equal to that of the adjacent undisturbed soil and restored to the original grade. The backfill shall be tamped in layers not exceeding six (6) inches in compacted thickness. Consolidation of the backfill by saturation or ponding is not permissible.

8. The pipeline shall have a minimum of thirty-six (36) inches of cover within highway right of way.
9. On longitudinal installations, where the buried cable or pipe is installed by plowing, the plowed ridges shall be mechanically compacted and made flush with the original ground.
10. Casing pipe, where installed, shall extend a minimum of two (2) feet beyond the toe of the highway inslopes. The casing pipe shall be sealed at both ends to prevent formation of a waterway through the casing.
11. The pipeline shall be installed under the surfaced section of the highway by boring or jacking pipe through the roadbed between the clear zone limits. Wet boring or jetting of the pipe under the roadway is not permissible.
12. The diameter of the hole for bored or jacked installations shall not exceed by more than one (1) inch the outside diameter of the facility. Oversized bores, overbreaks, and unused holes shall be backfilled with grout.
13. The location of the pipeline crossing shall be indicated by a marker post installed on each side of the highway at the right of way line. An identification sign shall be attached to one of the marker posts showing the name, address, and telephone number of the pipeline company.
14. The Department of Transportation shall be notified in advance of any proposed change in the type of transmittant carried by the pipeline, or any increase in the maximum working pressure specified in the application for the permit.
15. The casing pipe shall be continuous and shall extend a minimum of two (2) feet beyond the clear zone or two (2) feet beyond the toes of outer inslopes of the highway, whichever is further from the highway center line. The casing pipe shall be adequately sealed at both ends with suitable material that will prevent the formation of a waterway.
16. Casing is not required if approved extra wall thickness pipe is installed.
17. The Recipient shall indemnify, save, hold harmless, the State of North Dakota, its agencies, offices and employees, from any and all claims of any nature arising from any direct, indirect, or consequential damage to real property or business, including all costs, expenses, and attorney's fees, which may in any manner arise out of or result from this project.
18. The topsoil will be replaced on all disturbed areas and seeded as determined below (provide a temporary cover crop):

<b>Seed Class Mix Requirements</b>		
<b>Class II – Early Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>

Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	3.2
Green Needlegrass	Lodorm, AC Mallard, Fowler	2.4
Sideoats Grama	Killdeer, Pierre, Butte	3.6
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>23.8</b>

<b>Seed Class Mix Requirements</b>		
<b>Class II – Late Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>
Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	1.6
Green Needlegrass	Lodorm, AC Mallard, Fowler	3.6
Canada Wild-rye	Mandan	5.2
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>25.0</b>

BY

**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 **\$250,000 per person and \$1,000,000 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.
- 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.

Dakota Access, LLC  
1300 Main St.  
Houston, TX 77002

Dear Permittee:

You have submitted to the North Dakota Department of Transportation (NDDOT), in connection with your certificate of insurance, additional pages or language on the certificate which either purports to limit or qualify the information reflected on the certificate of insurance or which purports to change, modify or amend your company's insurance policies. NDDOT policy is to not solicit, review or approve contractors' insurance policies, endorsements or amendments to insurance policies, or insurance documents other than properly completed certificates of insurance. NDDOT contracts specify that contractors are responsible for acquiring and maintaining specified coverages and proof of insurance.

Please have a company executive authorized to execute contract documents sign and date the statement below attesting that your company has insurance coverage consistent with the contract provisions and immediately fax and mail it back to us.

Be advised that execution of this contract will be delayed until these issues have been resolved.

Sincerely,

Joel M. Wilt  
Williston District Engineer

---

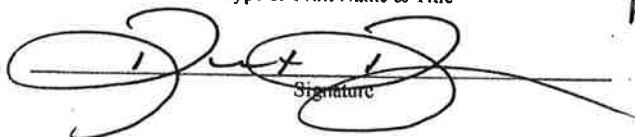
### UTILITY OCCUPANCY APPLICATION AND PERMIT

**Dakota Access, LLC;** states that the company has, and will maintain in force, insurance coverages (including proof of coverages) consistent with the contract specifications.

Date 2/24/16

ROBERT ROSE Vice President, Land and Right of Way

Type or Print Name & Title

  
Signature

RIMS  
1/30/16

D-WI-113900 / ND-WI-18201A 112861152

**DRIVEWAY APPLICATION & PERMIT**

North Dakota Department of Transportation, Maintenance Division  
SFN 5918 (Rev. 06-2015)

6030269450

Permit Number **1604**

District Number **67**

Applicant <b>DAKOTA ACCESS, LLC</b>		Telephone Number	
Address <b>1300 MAIN STREET</b>		City <b>Houston</b>	State <b>TX</b>
		ZIP Code <b>77002</b>	

**Driveway Information on State Highway Right of Way**

Number of Driveways <b>2 Temporary</b>	<input type="checkbox"/> Private <input checked="" type="checkbox"/> <b>Pipeline Const</b> Commercial	Direction <input type="checkbox"/> N <input type="checkbox"/> S <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W side of Route <b>US 2</b>
Location <b>US 2 4990' NORTH of Reference marker</b>		
Town	Highway <b>US 2</b>	Mile Marker Number <b>26.9450</b>

Description of proposed work on state right of way and type of business served.

**Temporary Drives on each side of US 2 for pipeline construction.**

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.

These are temporary driveways that will be removed when pipeline construction is complete. Contact the District when removal is complete. No bridge structures, construct with earth only. Traffic Control is required and it must be removed during non-work hours everyday.

APPLICANT:

NORTH DAKOTA  
DEPARTMENT OF TRANSPORTATION

**ROBERT ROSE**  
Name (Type or Print)

**JOEL M. WILT**  
District Engineer (Type or Print)

**[Signature]**  
Signature  
**Vice President, Land and Right of Way**

**[Signature]**  
Signature

**1/29/16**  
Date

**3/29/16**  
Date

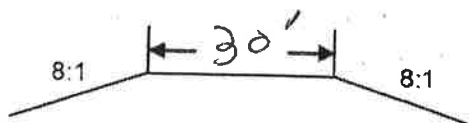
Permit granted:

Construction shall be completed by:

Date

**12/31/16**  
Date

Sketch:



(Original to District File, copy to Applicant)

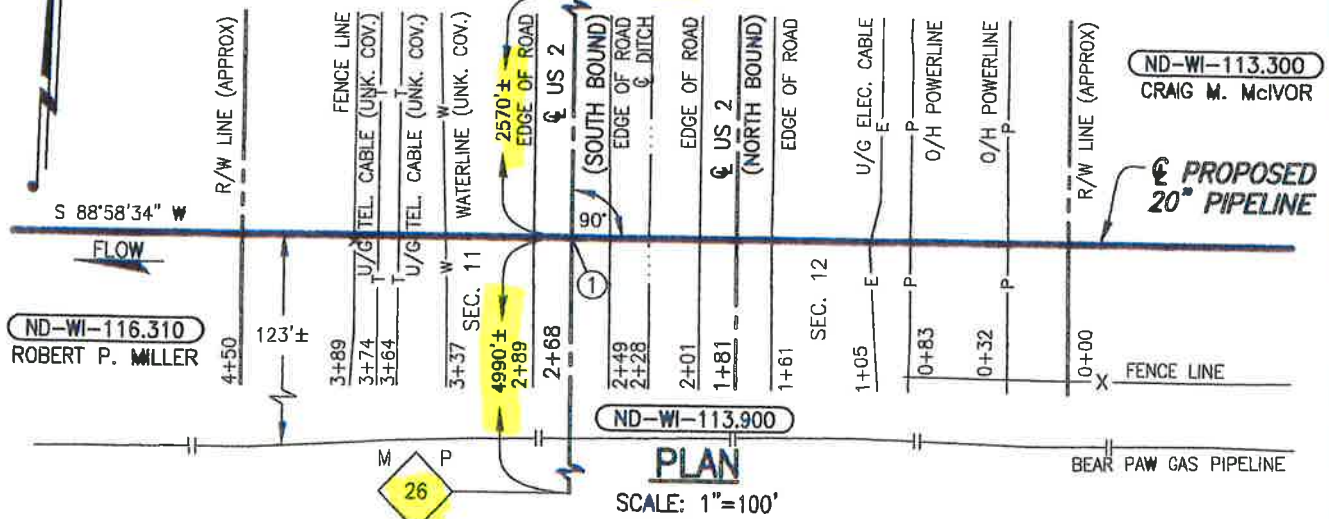
**ND-01-113.900**

**US 2**  
Page 1 of 2 (Over)

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 11 & 12, TOWNSHIP 155 NORTH, RANGE 101 WEST

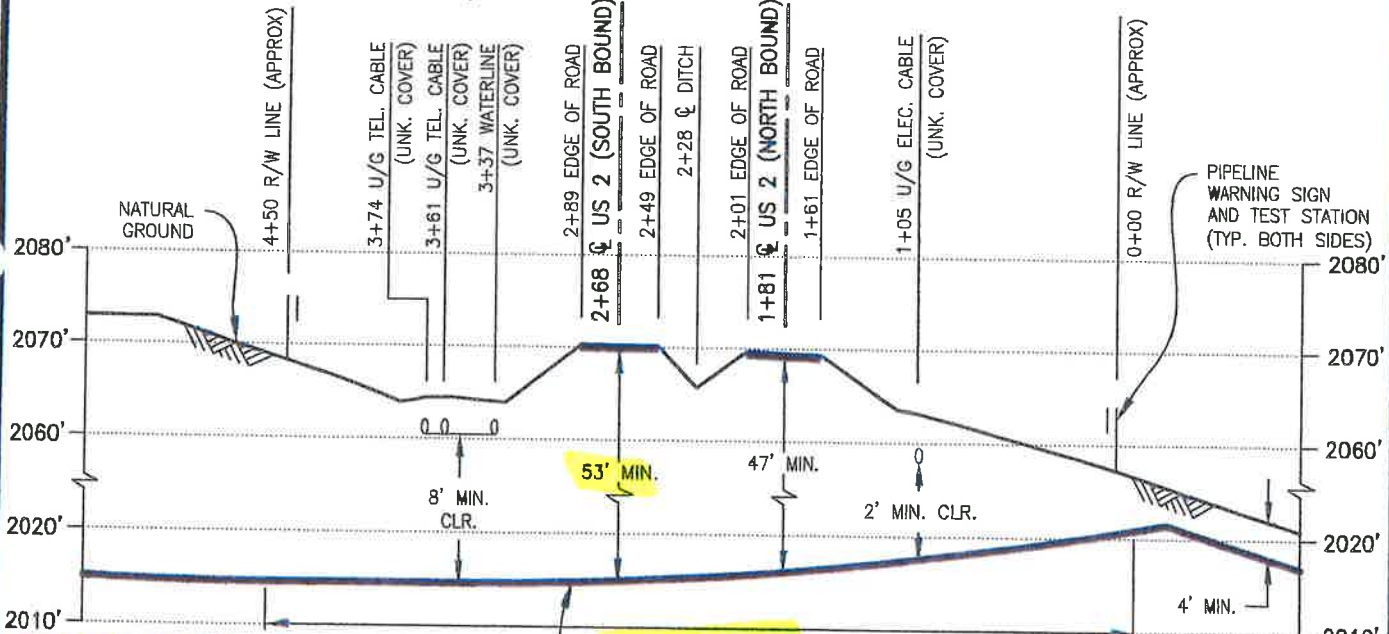
59TH STREET NW



MI-113.900.dwg PLOT DATE: 10/21/2015 BY: HARBOLT, JASON

C:\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PC

FILE: R



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: HDD  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED 20" PIPELINE**

**PROFILE**  
 SCALE: 1"=100' HORIZ.  
 1"=20' VERT.

**DATUM:** ① X=1975001.13  
 Y=17540791.41  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: ② US 2 (SOUTH BOUND)  
 AT STA. 2+68, ELEV. 2070.25'

ND-W-113.900 SUPERSEDES ND-WI-114.900

REV.	DATE	BY	DESCRIPTION	CHK.
A	10/21/15	PRV	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**

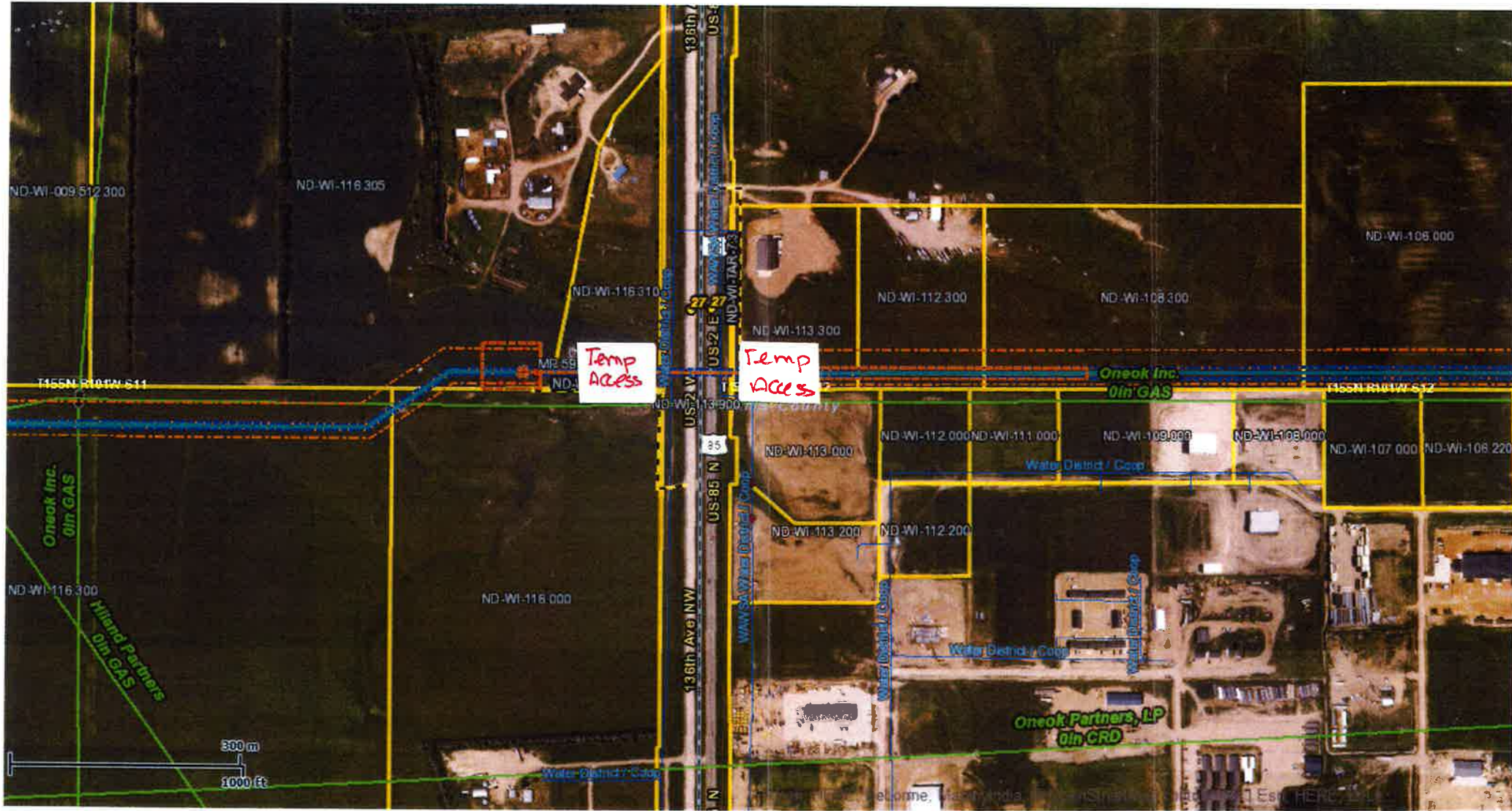
**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING US 2**

WILLIAMS COUNTY, NORTH DAKOTA

DRAWN BY: OP	DATE: 06/19/15	DWG. NO.	REV.
CHECKED BY: EDF	DATE: 06/29/15	<b>ND-WI-113.900</b>	<b>A</b>
SCALE: AS SHOWN	APP.:		



ND-WI-113900 US 2  
 CLS LiNK GIS Viewer



# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 137 AVE NW located between the  
following Township and Range sections:

(S- 10/11) (T- 155N) (R- 101 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-043.512.900 <sup>Page 1</sup>  
137 Ave NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Doyle Huffer  
Missouri Ridge Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/14

Phone: \_\_\_\_\_

NDWI-043.512.900 <sup>Page 3</sup>  
137 Ave NW

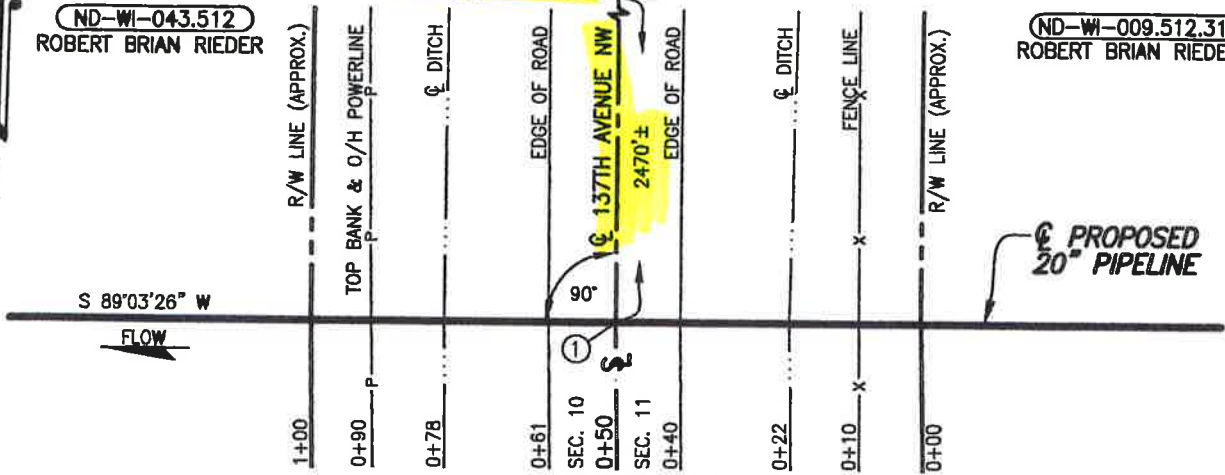
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 10 & 11, TOWNSHIP 155 NORTH, RANGE 101 WEST

59 STREET NW

ND-WI-043.512  
ROBERT BRIAN RIEDER

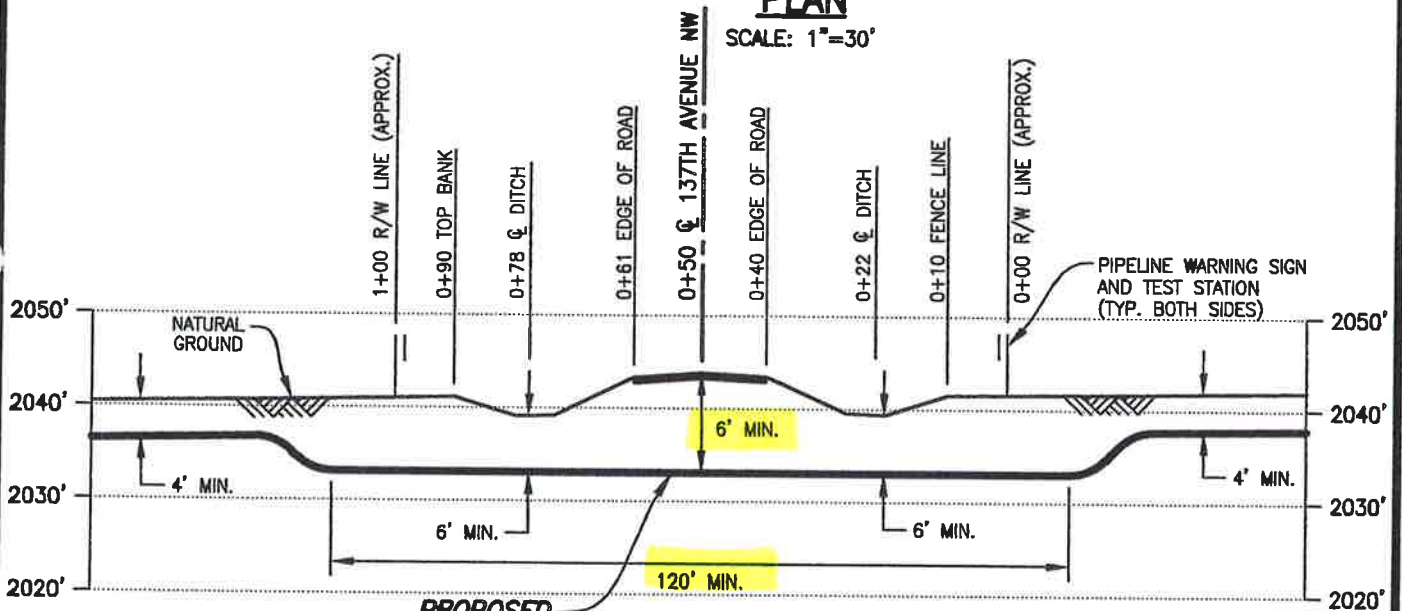
ND-WI-009.512.310  
ROBERT BRIAN RIEDER



ND-WI-043.512.900

### PLAN

SCALE: 1"=30'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=30' HORIZ.  
 1"=20' VERT.

① X=1969755.17  
 Y=17540773.49

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: 0+50 @ 137TH AVENUE NW  
 AT STA. 0+50, ELEV. 2043.86'

A	03/30/15	JWH	ISSUED FOR USE/PERMIT				RC			
REV.	DATE	BY	DESCRIPTION				CHK.			

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING

**137TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: JWH	DATE: 03/19/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/27/15	<b>ND-WI-043.512.900</b>	<b>A</b>
SCALE: AS SHOWN	APP.:		

J:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8

J:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8

FILE: R:

3/30/2015 BY: VILLARREAL, PHIL

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 138 AVE NW located between the  
following Township and Range sections:

(S-9/10) (T-155N) (R-101W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-045.512.900  
138 AVE. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

DAKOTA ACCESS, LLC  
Applicant

Doyle Hender  
Missouri Ridge Township

By: [Signature]  
Vice President, Land and Right-of Way

Date: 1/25/14

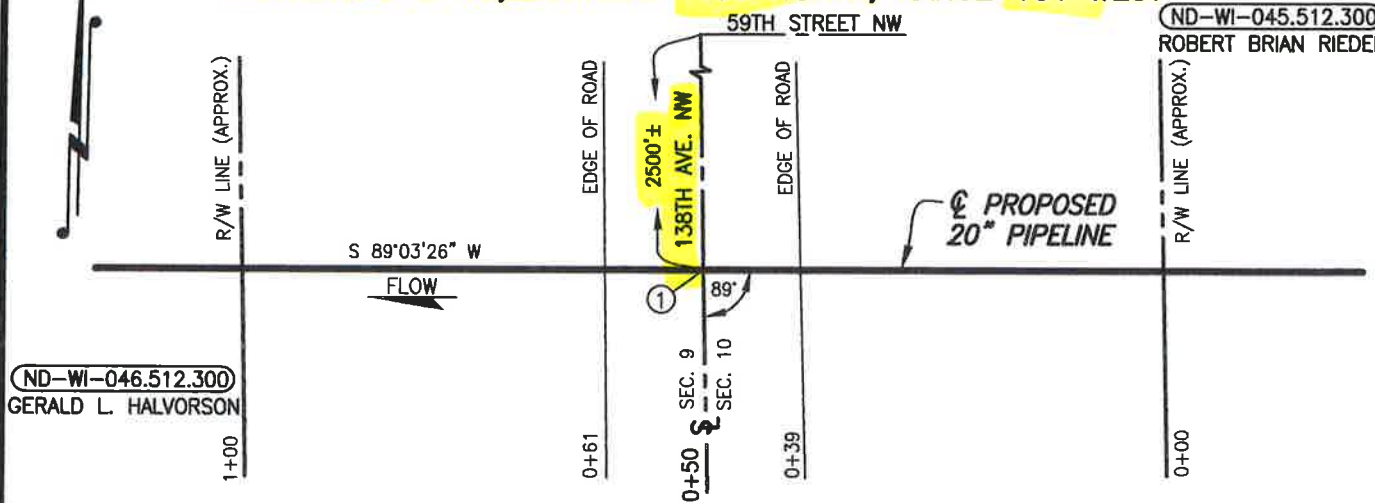
Phone: \_\_\_\_\_

ND-WI-045.512.900 Page 2  
138 Ave NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 9 & 10, TOWNSHIP 155 NORTH, RANGE 101 WEST

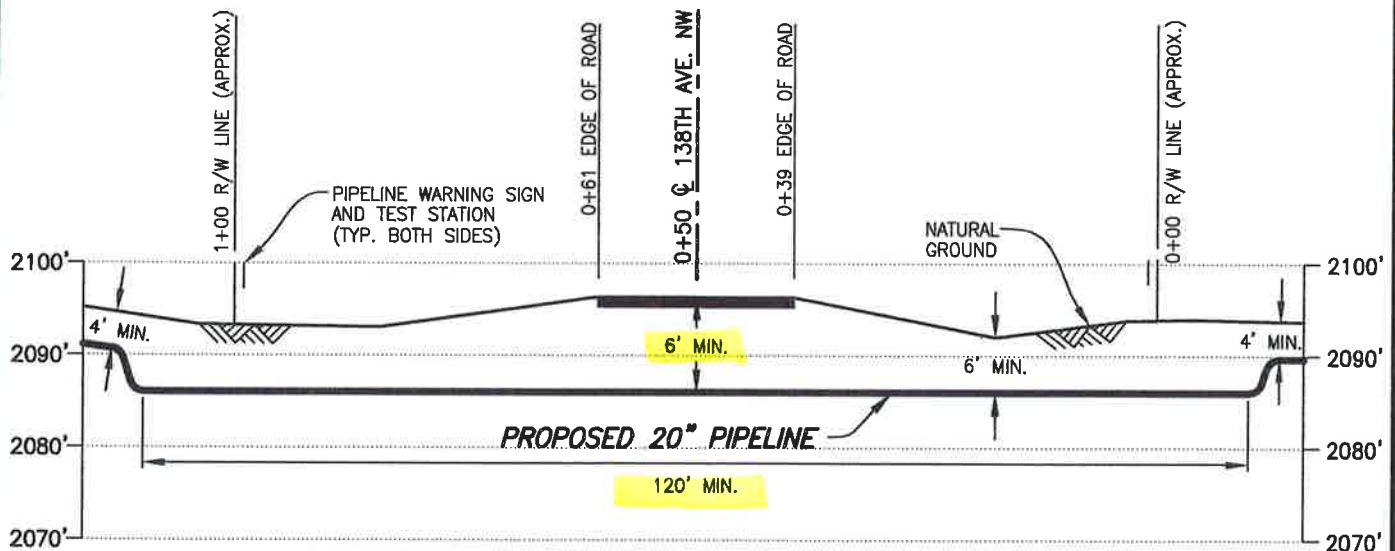
(ND-WI-045.512.300)  
ROBERT BRIAN RIEDER



(ND-WI-045.512.900)

## PLAN

SCALE: 1"=20'



## PROFILE

SCALE: 1"=20' HORIZ.  
1"=20' VERT.

① X=1964479.38  
Y=17540686.67

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\phi$  138TH AVENUE NW  
AT STA. 0+50, ELEV. 2096.35'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/10/15	JMH	ISSUED FOR USE/PERMIT	RC
B	08/21/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC



### PROPOSED 20" DAPL PIPELINE CROSSING 138TH AVENUE NW

PROJECT NO. 10395700

WILLIAMS COUNTY NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: OP	DATE: 01/05/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-045.512.900	C
SCALE: AS SHOWN	APP.:		

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,

hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)

to make a single bore for a (an) 20" Crude Oil Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 139 Avenue located between the  
following Township and Range sections:

(S-8/9) (T-155N) (R-101W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-101-048.512.300.900 Page 1  
139 Ave. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Doyle Benfer  
Missouri Ridge Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

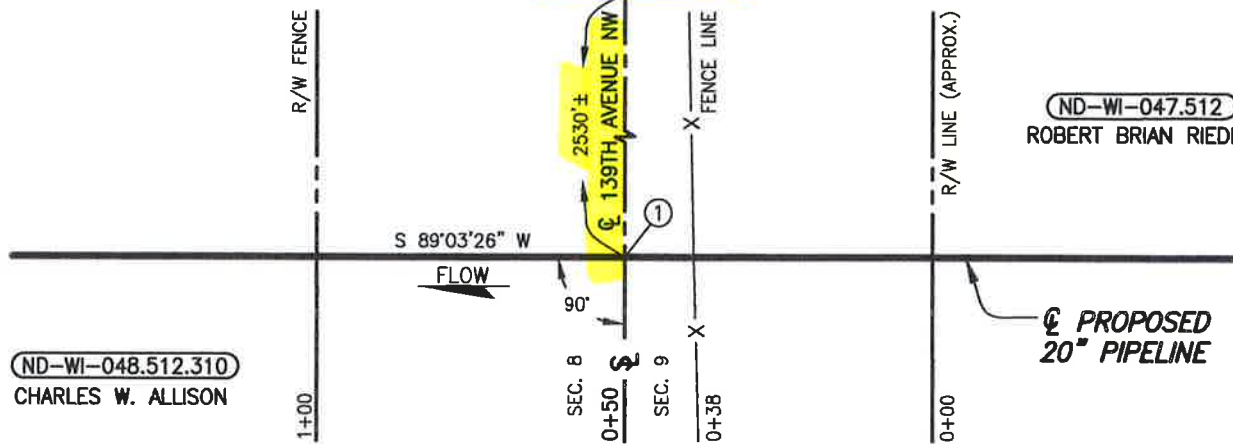
Phone: \_\_\_\_\_

ND-61-048.512.300.900  
139 ave NW  
Page 2

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 8 & 9, TOWNSHIP 155 NORTH, RANGE 101 WEST

☉ 59TH STREET NW



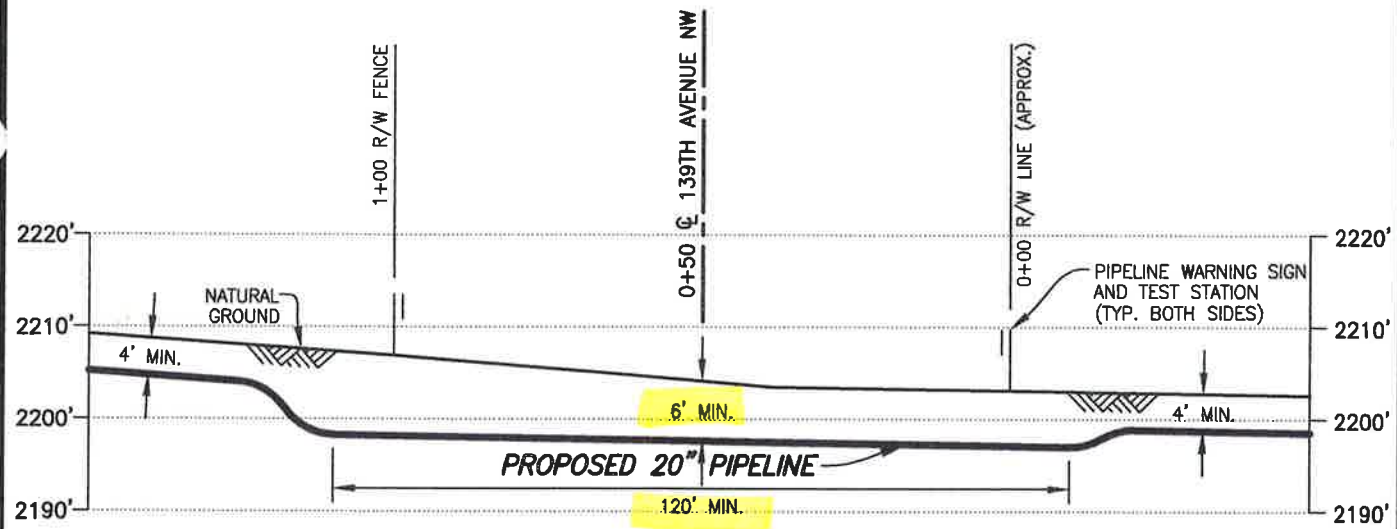
ND-WI-047.512  
ROBERT BRIAN RIEDER

ND-WI-048.512.310  
CHARLES W. ALLISON

ND-WI-048.512.300.900

## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1959226.62  
Y=17540600.23

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ 139TH AVENUE NW AT STA. 0+50, ELEV. 2204.37'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	JMH	ISSUED FOR USE/PERMIT	CH
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 139TH AVENUE NW

PROJECT NO. 10395700

WILLIAMS COUNTY NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: PRV	DATE: 02/11/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-048.512.300.900	B
SCALE: AS SHOWN	APP.:		

FILE: R:\Pro. 103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-1 .512.300.900.dwg PLOT DATE: 12/16/2015 BY: MADAMBA, JOEY

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 140 Ave NW located between the  
following Township and Range sections:

(S-718) (T-155N) (R-101W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-051.572.900  
140 Ave NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Boyle Huffer  
Missouri Ridge Township

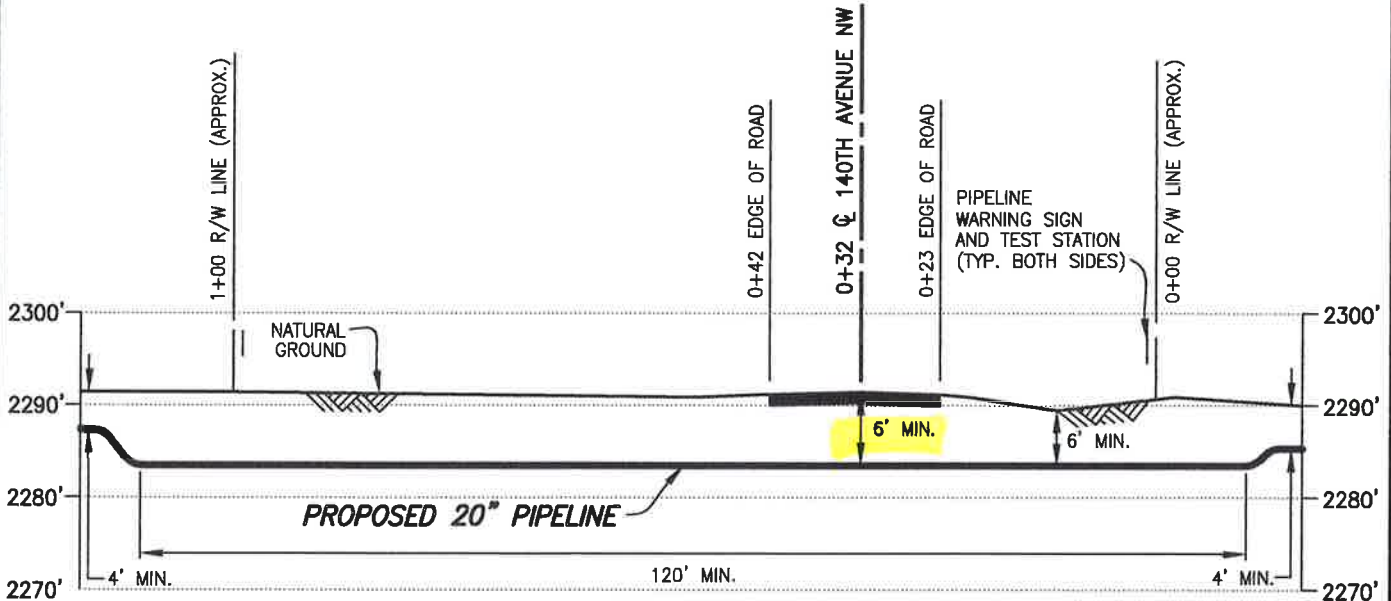
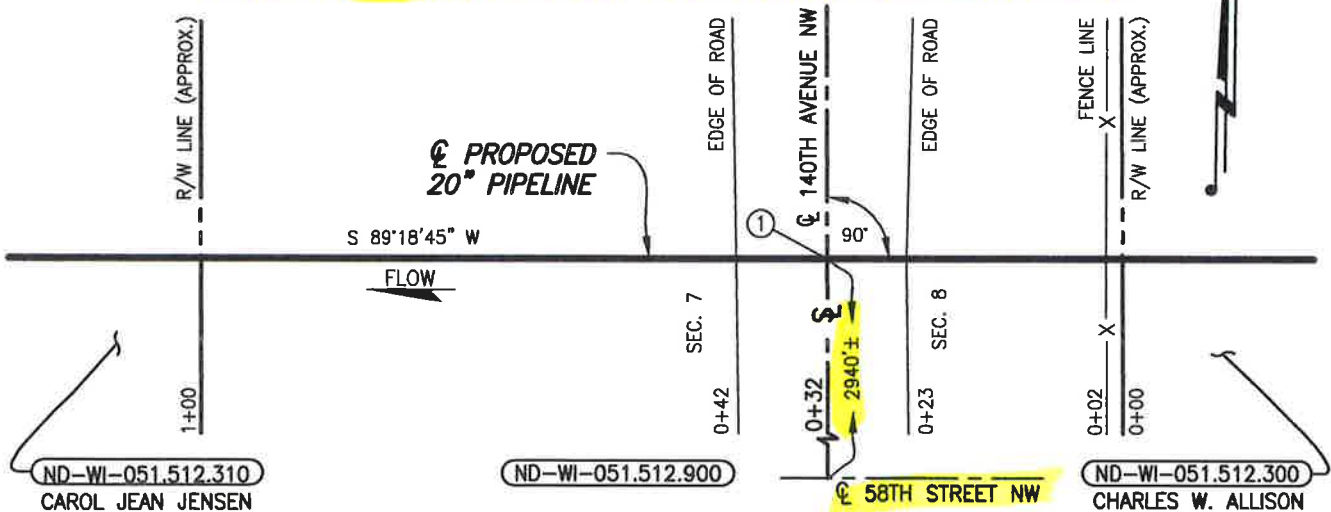
By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 7 & 8, TOWNSHIP 155 NORTH, RANGE 101 WEST



**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=1953928.37  
 Y=17540727.59

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
 T.B.M.: @ 140TH AVENUE NW AT STA. 0+32, ELEV. 2291.45'

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	OP	ISSUED FOR USE/PERMIT	RC
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
 140TH AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PM	DATE: 01/23/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-051.512.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Proj\3957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-W 512.900.dwg PLOT DATE: 12/11/2015 BY: VILLARREAL, PHIL



PERMIT NO. 11-2-07 1553

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, Tx 77002 (Applicant) to Bore (place or bore) a 20" crude oil pipeline through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 7 located between the following Township and Range sections:  
(S-7/18) (T-155N) (R-101W)  
MISSOURI RIDGE (7+18)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-052.512.900  
CR # 7

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

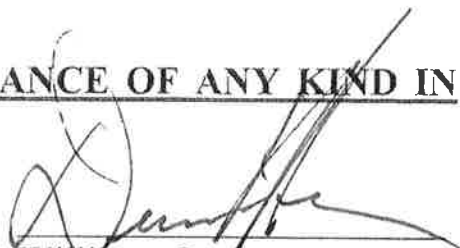
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

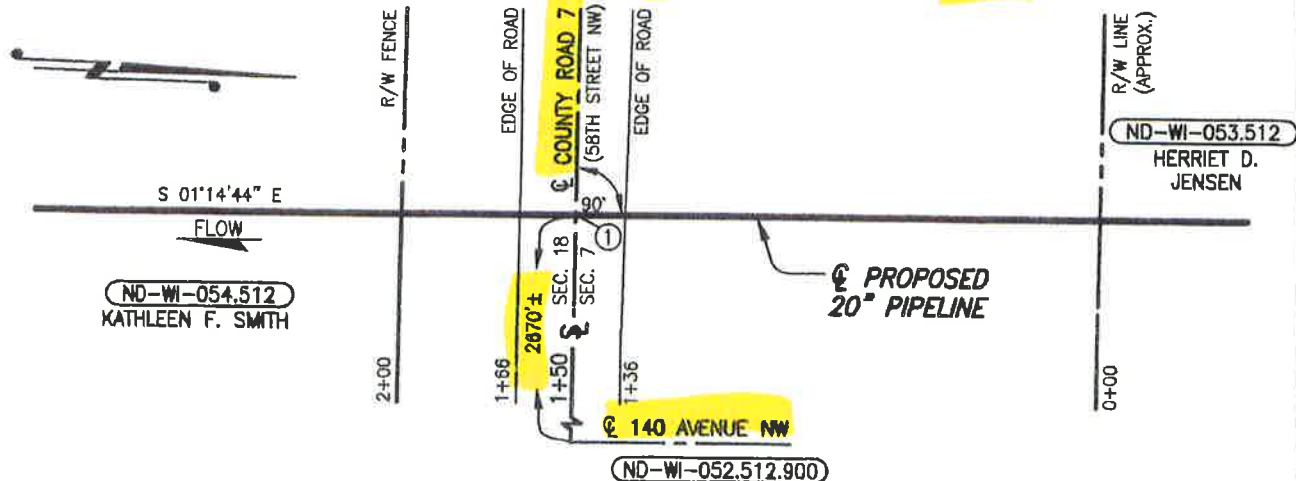
Phone \_\_\_\_\_

100'

ND-W1-052.512.900  
CR # 7

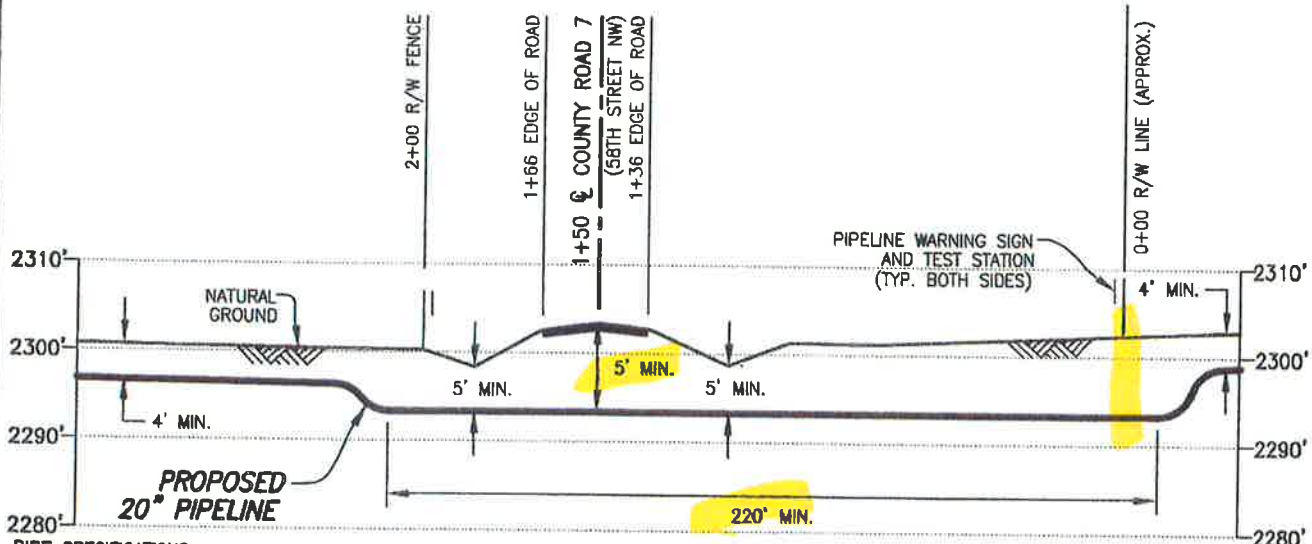
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 7 & 18, TOWNSHIP 155 NORTH, RANGE 101 WEST



**PLAN**

SCALE: 1"=50'



**PROFILE**

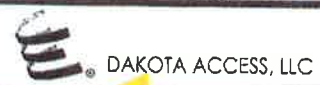
SCALE: 1"=50' HORIZ.  
1"=20' VERT.

① X=1951352.73  
Y=17537758.19

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ COUNTY ROAD 7 (58TH STREET NW) AT STA. 1+50, ELEV. 2303.43'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	08/25/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC



**PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 7 (58TH STREET NW)**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: MS	DATE: 01/23/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-052.512.900	B
SCALE: AS SHOWN	APP.:		

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

PROJECT NO. **10395700**

FILE: F:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PE WI-052.512.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

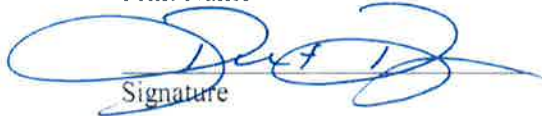
DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE

Print Name

Permit # 11-2-07-1553

  
Signature

Invoice # 8859

(713) 989-2864

Phone Number

Co. Rd # 7

2/24/14

Date

Township MISSOURI RIDGE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00  
(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-690</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Missouri Ridge Section-Township-Range (S-7)(T-155N)(R-101W)

Location in Section SW 1/4 of Section 7

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipeline

Additional Information \_\_\_\_\_

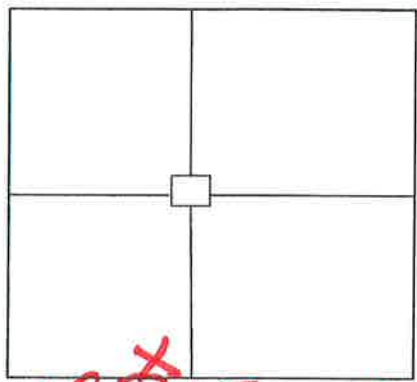
Accessing: County Road #7  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp required



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)  
[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/16  
Date  
2/29/16  
Date

NDWI-052.572.906  
CR #7  
MADHU CIDR

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-691</u>
Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>
<b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>

Owner DAKOTA Access, LLC

Address 1300 main STREET, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Missouri Ridge Section-Township-Range (S-18)(T-155N)(R-10W)

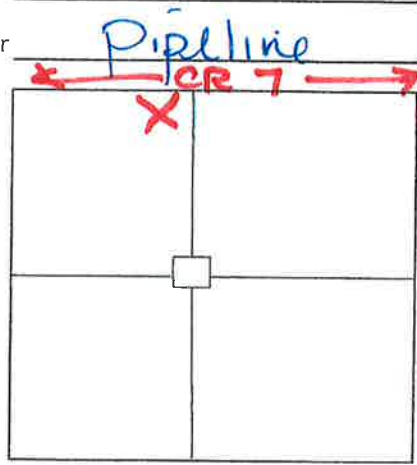
Location in Section NW 1/4 of Section 18

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other \_\_\_\_\_

Additional Information \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



Accessing: County Road #7  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" cmp culvert required.

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Robert Rose  
Owner/Applicant (Print and Sign)

[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
Date

2/29/16  
Date

ND-W-052512.900  
CR #7  
SMITH Side

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,

hereby grants permission to Dakota Access LLC whose  
(Applicant)

address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)

to make a single bore for a (an) 20" CRUDE OIL PIPELINE

under the township road driving surface and across the drainage ditches

and right-of-way of township road(s) 57 St. NW located between the

following Township and Range sections:

(S-18/19) (T-155N) (R-101W)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The Township

ND-WI-056.512 Page 1 900

57 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Angie Hoyer  
Missouri Ridge Township

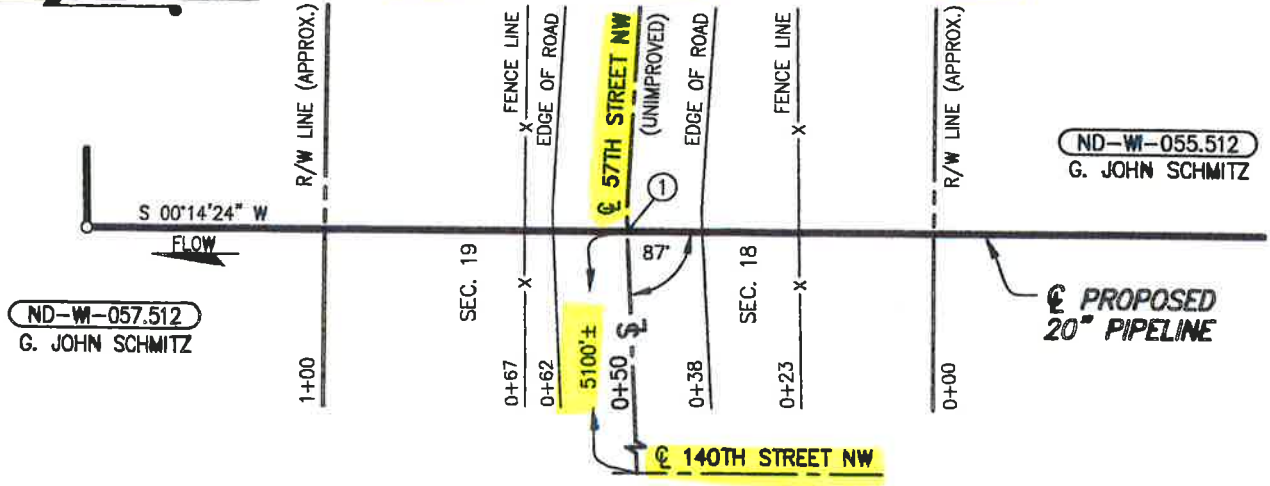
By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

# WILLIAMS COUNTY, NORTH DAKOTA

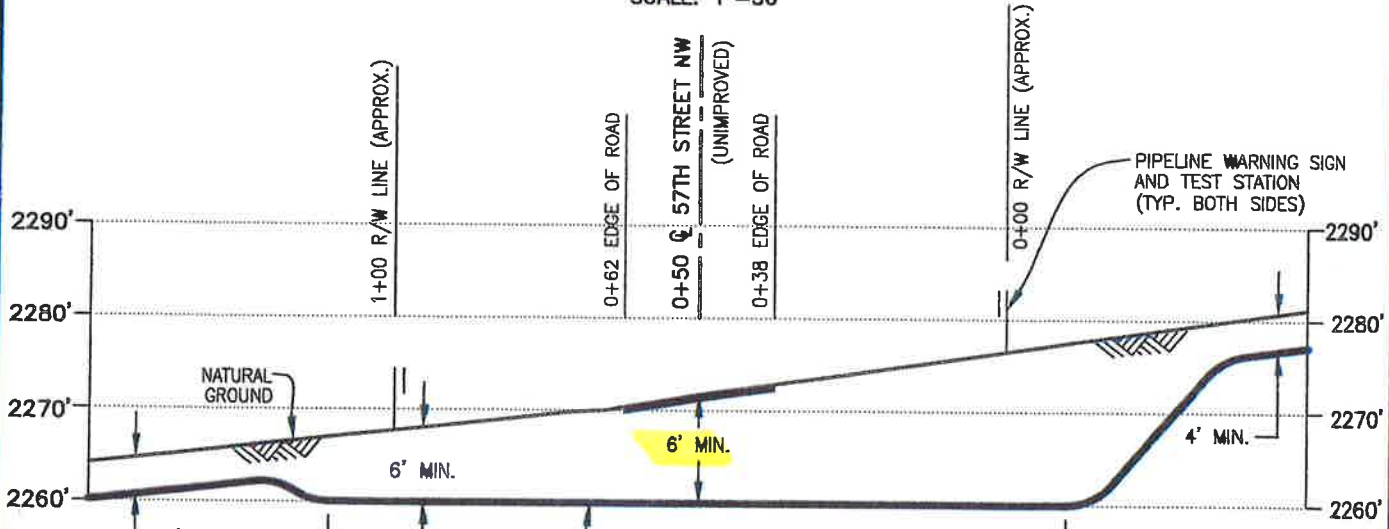
SECTIONS 19 & 18, TOWNSHIP 155 NORTH, RANGE 101 WEST



ND-W-056.512.900

## PLAN

SCALE: 1"=30'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED  
20" PIPELINE**

## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  57TH STREET NW (UNIMPROVED)  
 AT STA. 0+50, ELEV. 2271.99'

REV.	DATE	BY	DESCRIPTION	CHK.
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 57TH STREET NW (UNIMPROVED)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: RG	DATE: 03/11/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	<b>ND-WI-056.512.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: R c:\s\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PE #1-056.512.900.dwg PLOT DATE: 5/6/2015 BY: VILLARREAL, PHIL

## Mont Township Road Crossing Agreement

The Township representative hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, TX 77002 to install a utility line crossing through the township/county road driving surface, across the drainage ditches, and right-of-way of those roads identified in Table 1:

**Table 1:**


Road #	Trench/Bore	Township	Range	Section(s)
141 STADEN W	BORE	155 N	102 W	24


Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from road right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the County Board or their representative. The Township/County shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the roadway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on roadway right-of-way line.

Please notify County Highway as to when work will start and finish, (701) 577-4521.

Applicant  Vice President, Land and Right of Way

 Township Representative

Phone: \_\_\_\_\_

Date: 4-29-16

ND-W1-057. 512.900  
141 Ave NW

# Missouri Ridge Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Missouri Ridge Township Board of Supervisors, or its representative,

hereby grants permission to DAKOTA Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, Tx 77002  
(Applicant's Address)

to make a single bore for a (an) 20" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 141 Ave NW located between the  
following Township and Range sections:

(S-19/24) (R-155 N) (R-101/102 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

Page 1  
ND-WI-057.512.900  
141 Ave NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-6707 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Missouri Ridge TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Doyle Huffer  
Missouri Ridge Township

By: [Signature]  
Vice President, Land and Right of Way

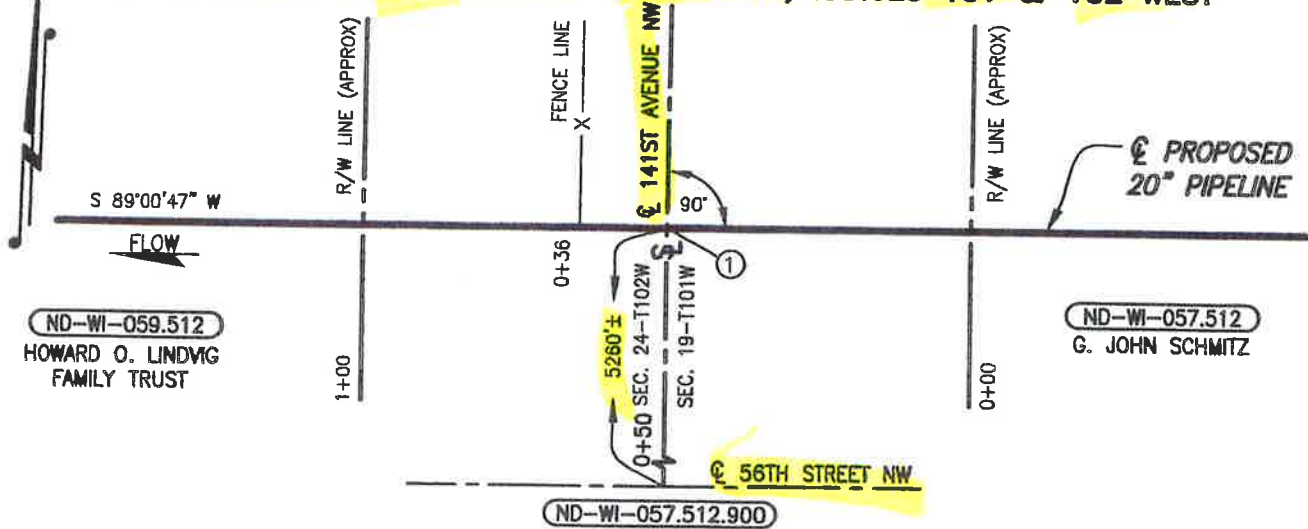
Date: 1/20/16

Phone: \_\_\_\_\_

Page 2  
ND-01-057.512.900  
141 AVE NW

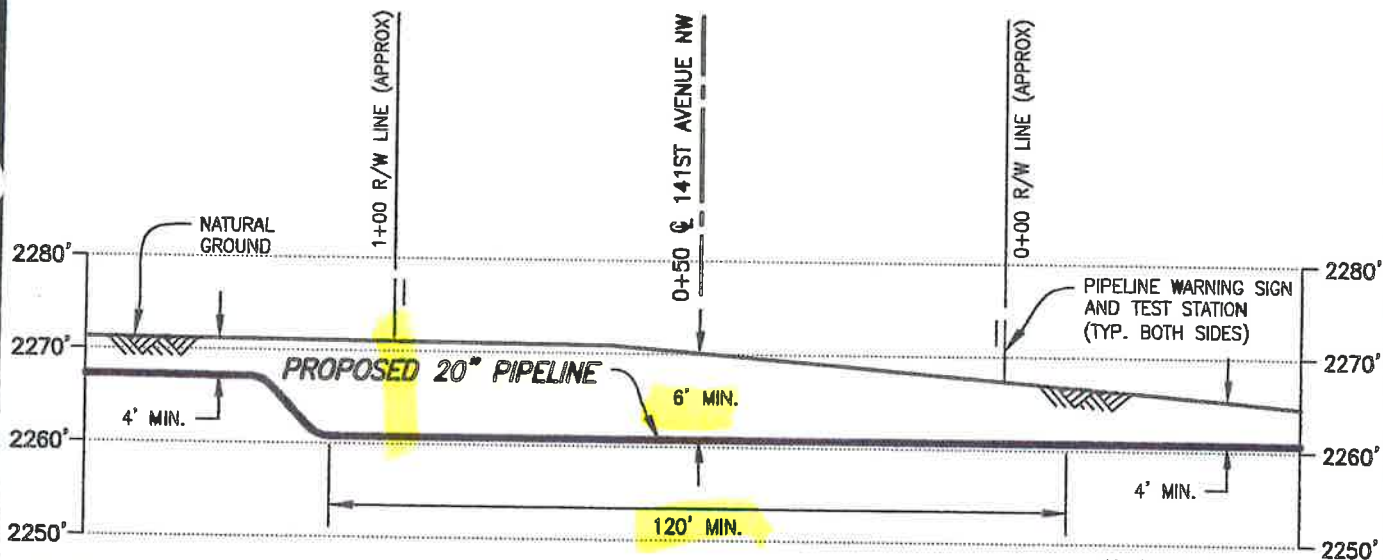
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 19 & 24, TOWNSHIP 155 NORTH, RANGES 101 & 102 WEST



## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1948915.77  
Y=17532372.40

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ 141ST AVENUE NW AT STA. 0+50, ELEV. 2270.07'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 20" DAPL PIPELINE CROSSING  
141ST AVENUE NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 02/13/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-057.512.900	A
SCALE: AS SHOWN	APP.:		

91-057.512.900.dwg PLOT DATE: 2/28/2015 BY: PALACIOS, OSCAR

c:\s\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PE

FILE: R

## Mont Township Road Crossing Agreement

The Township representative hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, TX 77002 to install a utility line crossing through the township/county road driving surface, across the drainage ditches, and right-of-way of those roads identified in Table 1:

**Table 1:**

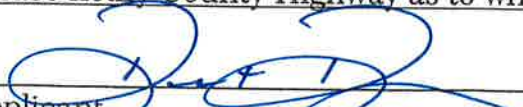
Road #	Trench/Bore	Township	Range	Section(s)
142 Ave NW	Bore	155N	102W	23+24

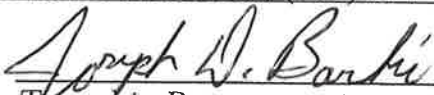
Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from road right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the County Board or their representative. The Township/County shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the roadway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on roadway right-of-way line.

Please notify County Highway as to when work will start and finish, (701) 577-4521.

Applicant   
 Vice President, Land and Right of Way

  
 Township Representative

Phone: \_\_\_\_\_

Date: 4-29-16

ND-WI-062.512.900  
142 Avenue NW

## Mont Township Road Crossing Agreement

The Township representative hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, Tx 77002 to install a utility line crossing through the township/county road driving surface, across the drainage ditches, and right-of-way of those roads identified in Table 1:

**Table 1:**

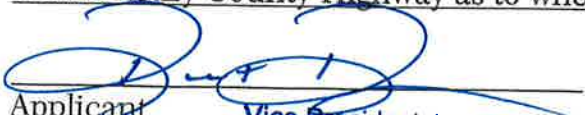
Road #	Trench/Bore	Township	Range	Section(s)
143 AVE NW	Bore	155N	102W	22+23

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from road right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the County Board or their representative. The Township/County shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the roadway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on roadway right-of-way line.

Please notify County Highway as to when work will start and finish, (701) 577-4521.

  
 Applicant \_\_\_\_\_  
 Vice President, Land and Right of Way

  
 Township Representative

Phone: \_\_\_\_\_

Date: 4-29-16

ND-WI-Oldo. 512.900  
 143 AVE NW



PERMIT NO. 11-2-07-1550

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, Tx 77002

to BORE (place or bore) a 20" CRUDE OIL PIPELINE (Applicant)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 6 located between the following Township and Range sections:

(S-22/27) (T-155N) (R-102W)  
MONT (22+27)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-W1-070-512.910

CR #6

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

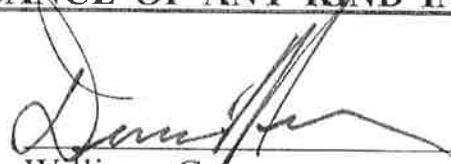
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice President, Land and Right of Way

Date: 1/29/16

Phone \_\_\_\_\_

180'

ND-WI-070.512.910  
CR #6

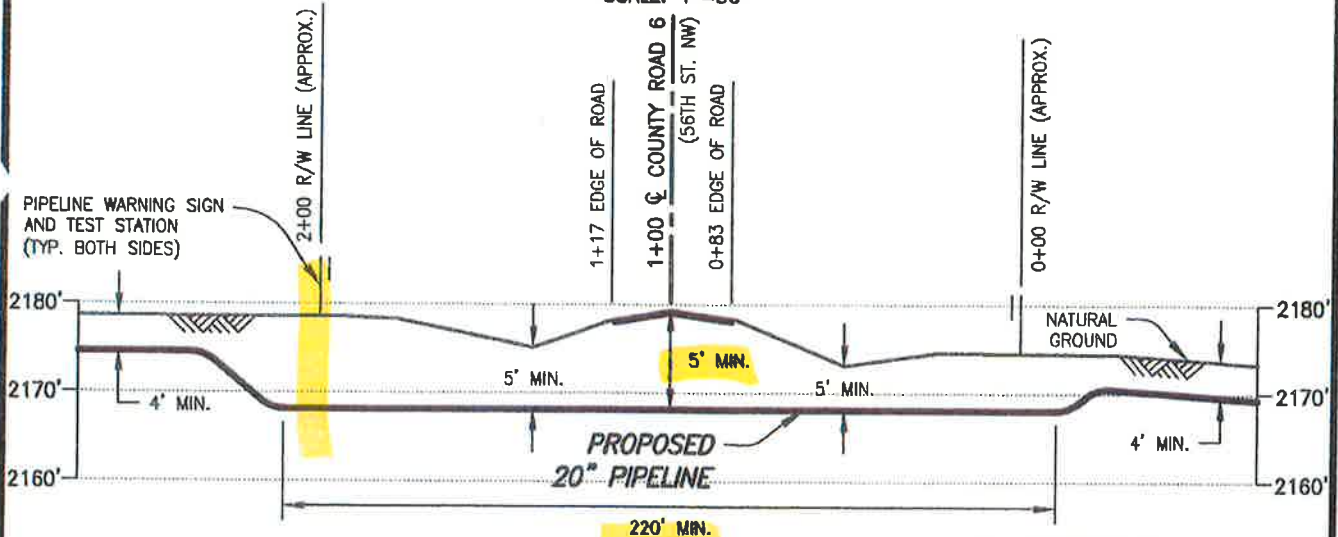
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 22 & 27, TOWNSHIP 155 NORTH, RANGE 102 WEST



## PLAN

SCALE: 1"=50'



## PROFILE

SCALE: 1"=50' HORIZ.  
1"=20' VERT.

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  COUNTY ROAD 6 (56TH STREET NW) AT STA. 1+00, ELEV. 2179.40'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	08/25/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 6 (56TH STREET NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 01/23/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-070.512.910	B
SCALE: AS SHOWN	APP.:		

070.512.910.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

a:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1

FILE: R:\



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1550

[Signature]  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 6

2/24/14  
Date

Township MONT

WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - (FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-092
Williams County Highway Dept.
PO Box 1305
Williston ND 58802-1305
Phone: (701)577-4521
rhondaw@co.williams.nd.us
ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS

Owner Dakota Access

Address 1300 main street, Houston, Tx 77002

Home Phone

Alternate Phone

Contacto

Contractor Phone #

Township Name Mont

Section-Township-Range (S-22)(T-155N)(R102W)

Location in Section SE 1/4 of Section 22

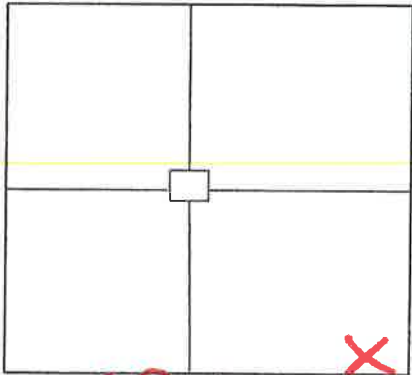
Rig Location:

Rig Name

Approach Type: [ ] New [ ] Improved [x] Temporary [ ] Other

Approach Use: [ ] Residential [ ] Commercial [ ] Field Access [x] Other Pipeline

Additional Information



Accessing: County Road #6 (The part of the approach that meets the County Road MUST be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max)

Culvert Required: [x] No [ ] Yes Size(18 inch min) CMP

\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\*

Remarks:

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Signature of Robert Rose

Owner/Applicant(Print and Sign)

Signature of Williams County Authorized Signature

Williams County Authorized Signature

Phone Number

Williams County Highway Agency

Agency

Date 1/29/16

Date 2/29/16

ND-01-070-512.90 CR #6 NORTH Side

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-693</u> Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:mondaw@co.williams.nd.us">mondaw@co.williams.nd.us</a> <b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>
---

Owner Dakota Access, LLC  
 Address 300 Main Street, Houston, Tx 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contact \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Mont Section-Township-Range (5-27)(T-155N)(R-102W)

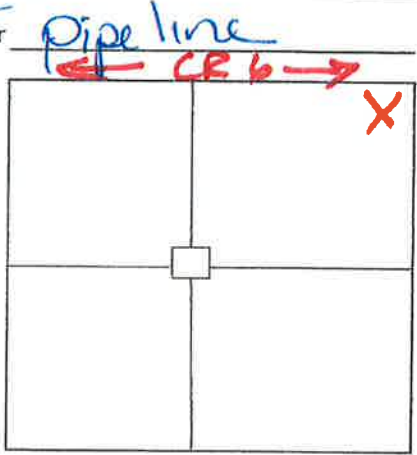
Location in Section NE 1/4 of Section 27

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other Pipe line

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Accessing: County Road #6  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size (18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

ROBERT ROSE  
 Owner/Applicant (Print and Sign)

[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_

Williams County Highway Agency

1/29/16  
 Date

2/29/16  
 Date

ND-W1-070.512.910  
CR #6  
South Side

## Mont Township Road Crossing Agreement

The Township representative hereby grants permission to Dakota Access, LLC whose address is 1300 main street, Houston, TX 77002 to install a utility line crossing through the township/county road driving surface, across the drainage ditches, and right-of-way of those roads identified in Table 1:

Table 1:

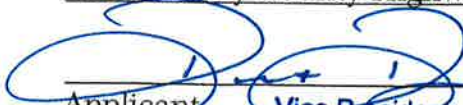
Road #	Trench/Bore	Township	Range	Section(s)
<u>55 ST. NW</u>	<u>Bore</u>	<u>155N</u>	<u>102W</u>	<u>27 + 34</u>

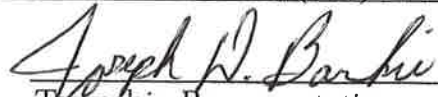
Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from road right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the County Board or their representative. The Township/County shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the roadway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on roadway right-of-way line.

Please notify County Highway as to when work will start and finish, (701) 577-4521.

  
Applicant Vice President, Land and Right of Way

  
Township Representative

Phone: \_\_\_\_\_

Date: 4-29-16

ND-WI-073.812.900  
55 ST. NW



PERMIT NO. 11.7.07-1549

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)

The Williams County Commission board, or its representative, hereby grants permission to Dakota Access, LLC whose address is 1300 Main Street, Houston, Tx 77002

to Bore (place or bore) a 20" crude oil pipeline (Applicant)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 4 located between the following Township and Range sections:

(S- 3/34) (T- 154/155) (R- 102.W)  
Judson (3) + Mont (34)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-075.512900  
CR #4

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

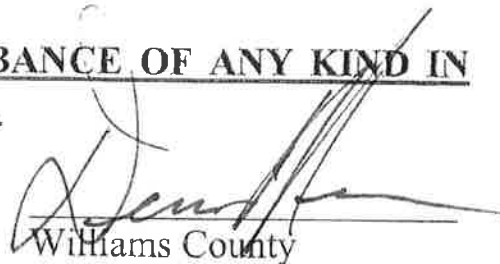
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.

**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By  Vice President, Land and Right of Way

Date: 1/22/16

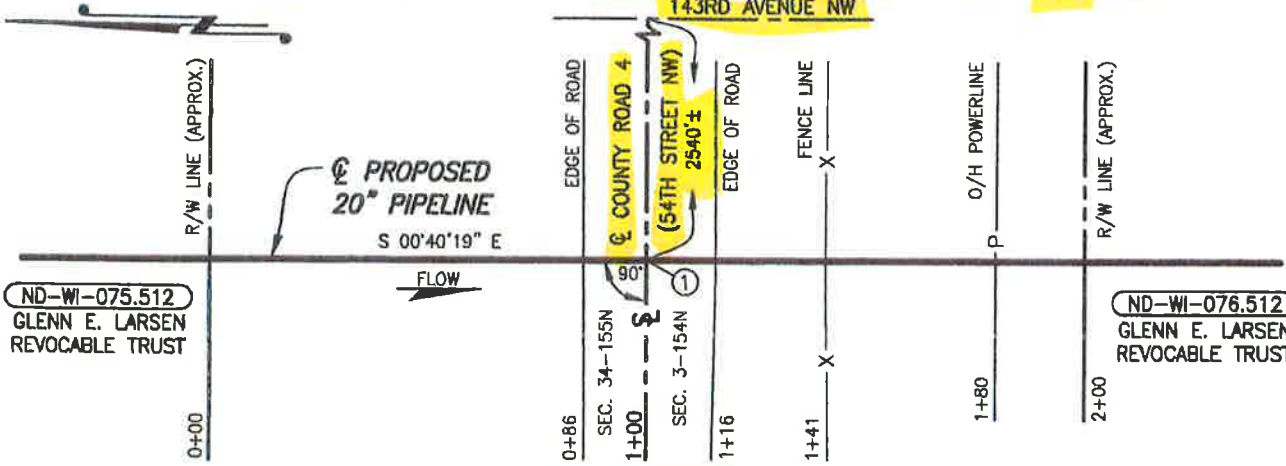
Phone \_\_\_\_\_

ND-WI-075-512.900  
CR #4

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 3 & 34, TOWNSHIPS 154 & 155 NORTH, RANGE 102 WEST

143RD AVENUE NW



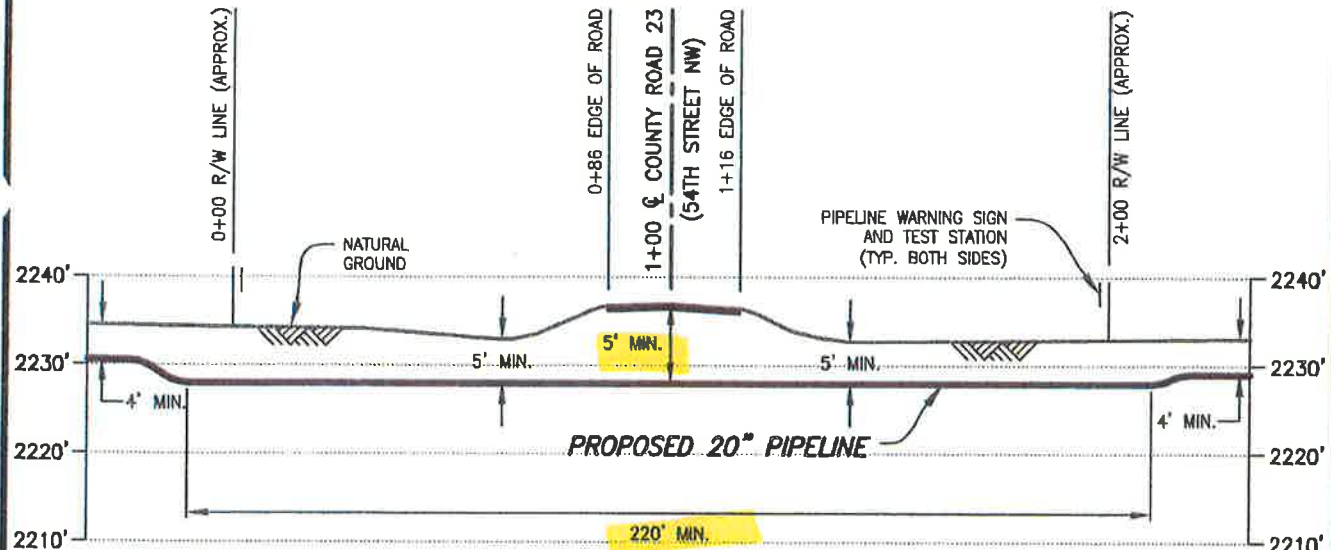
ND-WI-075.512  
GLENN E. LARSEN  
REVOCABLE TRUST

ND-WI-076.512  
GLENN E. LARSEN  
REVOCABLE TRUST

ND-WI-075.512.900

## PLAN

SCALE: 1"=40'



## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=1936089.70  
Y=17516439.73

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: ☉ COUNTY ROAD 4 (54TH STREET NW) AT STA. 1+00, ELEV. 2236.97'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	08/25/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JTM	ISSUED FOR USE/PERMIT	PA



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING COUNTY ROAD 4 (54TH STREET NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 03/11/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/13/15	ND-WI-075.512.900	B
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

PROJECT NO. 10395700

.075.512.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

s:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-

FILE: R:\



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1549

[Signature]  
Signature

Invoice # 8859

(713)989-2864  
Phone Number

Co. Rd # 4

2/24/14  
Date

Township JOSIN + MONT

WILLIAMS COUNTY APPROACH PERMIT

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - (FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$1100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-694
Williams County Highway Dept.
PO Box 1305
Williston ND 58802-1305
Phone: (701)577-4521
rhondaw@co.williams.nd.us
ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS

Owner Dakota Access, LLC
Address 300 main STREET, Houston, TX 77002

Home Phone
Alternate Phone
Contactor
Contractor Phone #

Township Name Mont Section-Township-Range (S-34)(T-155N)(R-102W)

Location in Section SE 1/4 of Section 34

Rig Location: Rig Name

Approach Type: [ ] New [ ] Improved [x] Temporary [ ] Other

Approach Use: [ ] Residential [ ] Commercial [ ] Field Access [x] Other pipeline

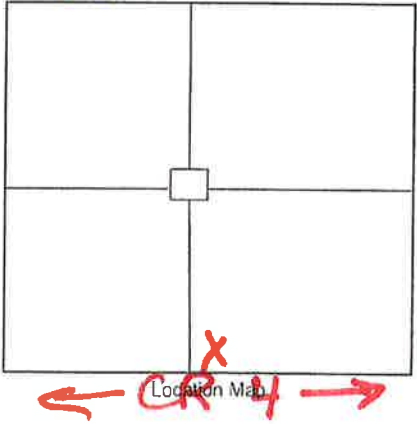
Additional Information

Accessing: County Road #4
(The part of the approach that meets the County Road MUST be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max)

Culvert Required: [x] No [ ] Yes Size(18 inch min) CMP
\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\*

Remarks:



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Owner/Applicant(Print and Sign)
Williams County Authorized Signature

Phone Number
Williams County Highway Agency

Date 1/29/16
Date 2/26/16

ND-WI-075.512.900
CR #4 NORTH SIDE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

TOTAL PERMIT FEE DUE: \$ 100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-7-08-1095</u> Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a> <b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>
--

Owner Dakota Access, LLC  
 Address 1300 main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactors \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Judson Section-Township-Range (S-3)(T-154N)(R-102W)

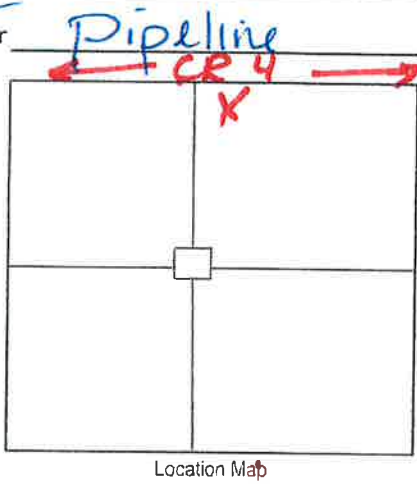
Location in Section NE 1/4 of Section 3

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other \_\_\_\_\_

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Accessing: County Road #4  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

ROBERT ROSE  
 Owner/Applicant (Print and Sign)  
[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/28/16  
 Date  
2/26/16  
 Date

ND-1A-075.512.900  
CR #4  
South Side

# Judson Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Judson Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" Crude oil Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 53 St. NW located between the  
following Township and Range sections:

(S-3110) (T-154 N) (R-102 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-077.512 Page 1  
53 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3452 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Judson TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

David G. Halverson  
Judson Township Chairman

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

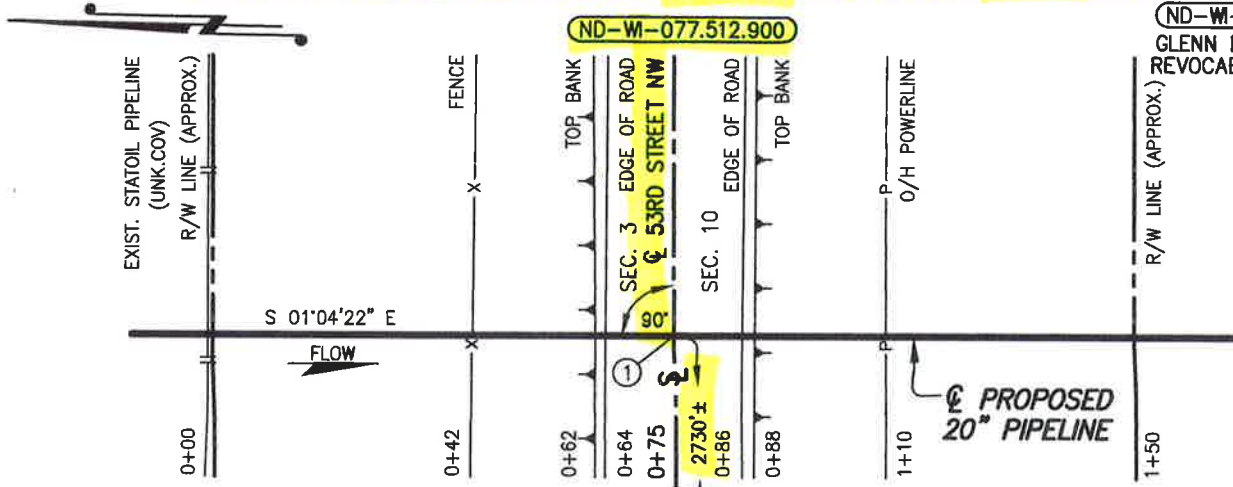
ND-WI-077.572.900  
53 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 3 & 10, TOWNSHIP 154 NORTH, RANGE 102 WEST

(ND-WI-078.512)  
GLENN E. LARSEN  
REVOCABLE TRUST

(ND-WI-077.512.900)

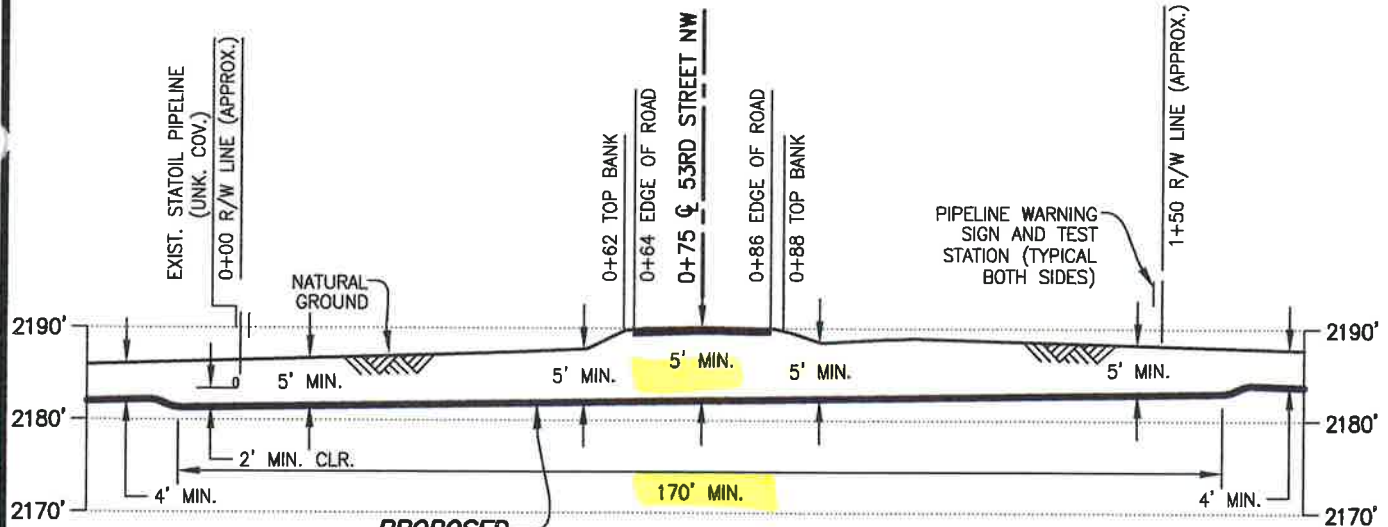


(ND-WI-077.512)  
GLENN E. LARSEN  
REVOCABLE TRUST

(ND-WI-077.512.900)

## PLAN

SCALE: 1"=30'



**PROPOSED  
20" PIPELINE**

## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1936154.15  
Y=17511159.32

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  53RD STREET NW AT STA. 0+75, ELEV. 2190.11'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/15/15	MM	ISSUED FOR USE/PERMIT	RC
B	08/14/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JTM	ISSUED FOR USE/PERMIT	PA



### PROPOSED 20" DAPL PIPELINE 53RD STREET NW

PROJECT NO. <b>10395700</b>		WILLIAMS COUNTY NORTH DAKOTA	
DRAWN BY: JWH	DATE: 03/11/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/13/15	<b>ND-WI-077.512.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

FILE: \\mus\glib\HOU\Pipeline\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\ S COUNTY\103957-PB-ND-WI-077.512.900.dwg PLOT DATE: 12/15/2015 BY: MUJALLEM, MIKE

# Judson Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Judson Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 52 st. NW located between the  
following Township and Range sections:

(S-10(15) (T-154N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

Page 1  
ND-WI-079.512.900  
52 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3452 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Judson TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

David L. Halverson  
Judson Township Chairman

By: [Signature]  
Vice President, Land and Right of Way

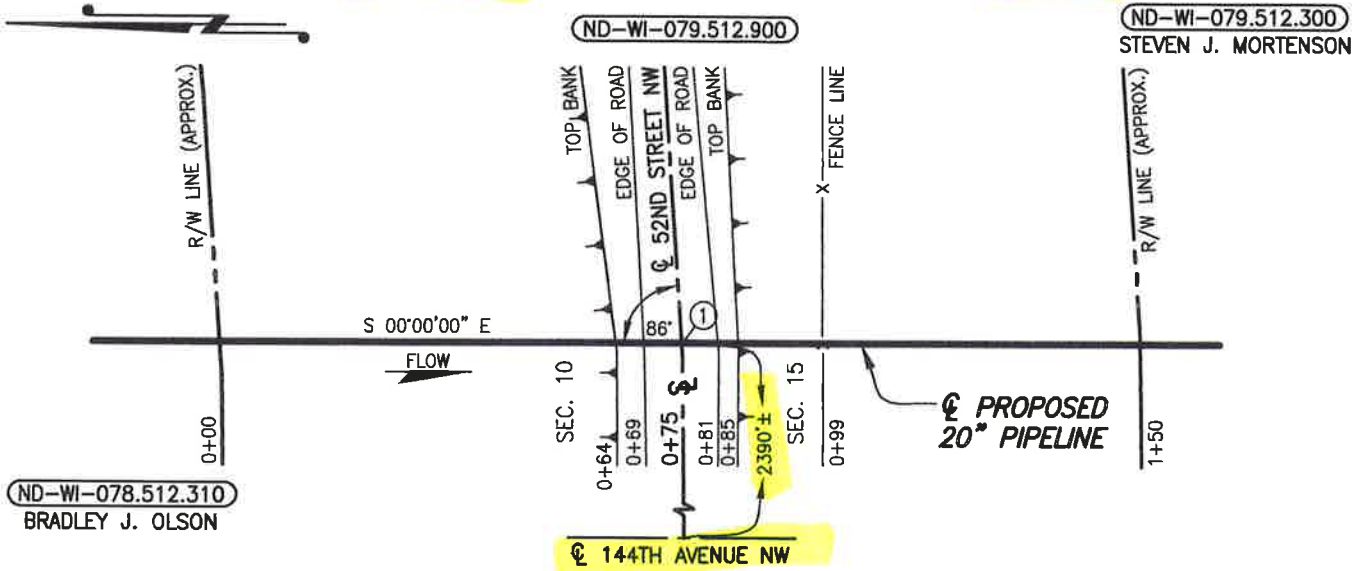
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-079.512.900  
52 St. NW

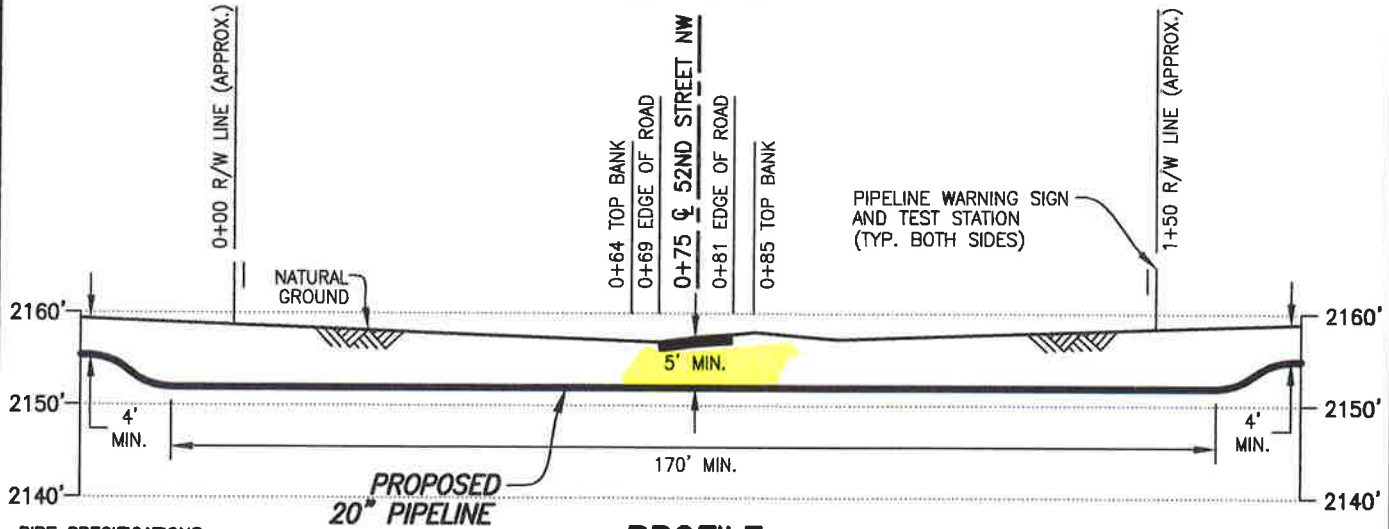
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 10 & 15, TOWNSHIP 154 NORTH, RANGE 102 WEST



## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1935905.65  
Y=17505870.74

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  52ND STREET NW AT STA. 0+75, ELEV. 2157.42'

**PIPE SPECIFICATIONS**

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/21/15	PRV	ISSUED FOR USE/PERMIT	RC
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JMH	ISSUED FOR USE/PERMIT	PA

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 52ND STREET NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/10/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	ND-WI-079.512.900	C
SCALE: AS SHOWN	APP.:		

FILE: R:\Proj 03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-W .512.900.dwg PLOT DATE: 12/21/2015 BY: MADAMBA, JOEY

# Judson Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Judson Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 51 St NW located between the  
following Township and Range sections:

(S-15/22) (T-154N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-179.900 Page 1  
51 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3452 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Judson TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

[Signature]  
Judson Township Chairman

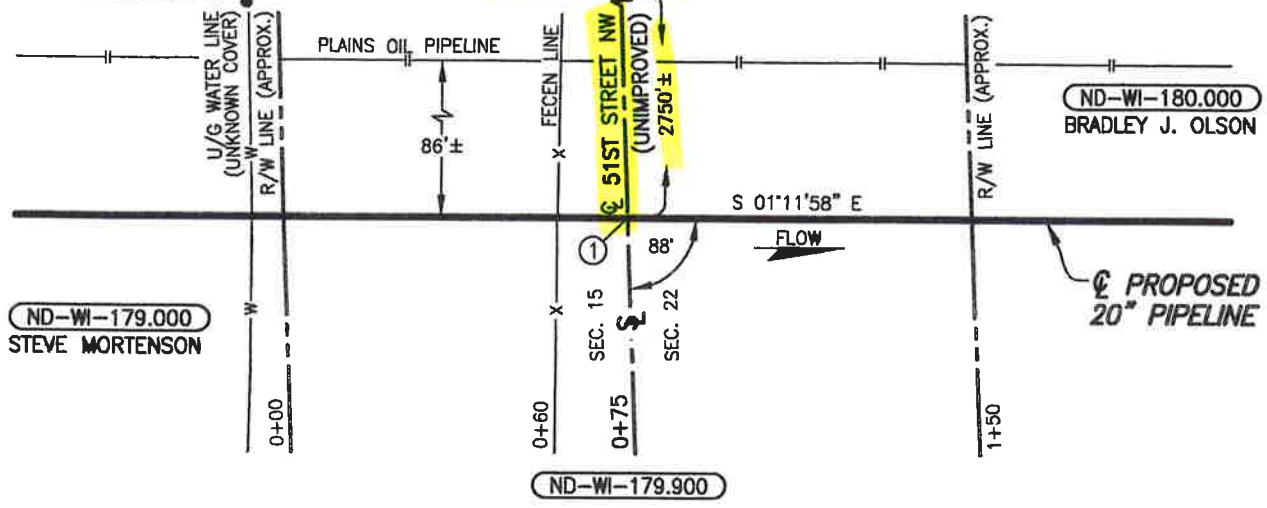
Date: 1/29/16

ND-WI-179.900  
51 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

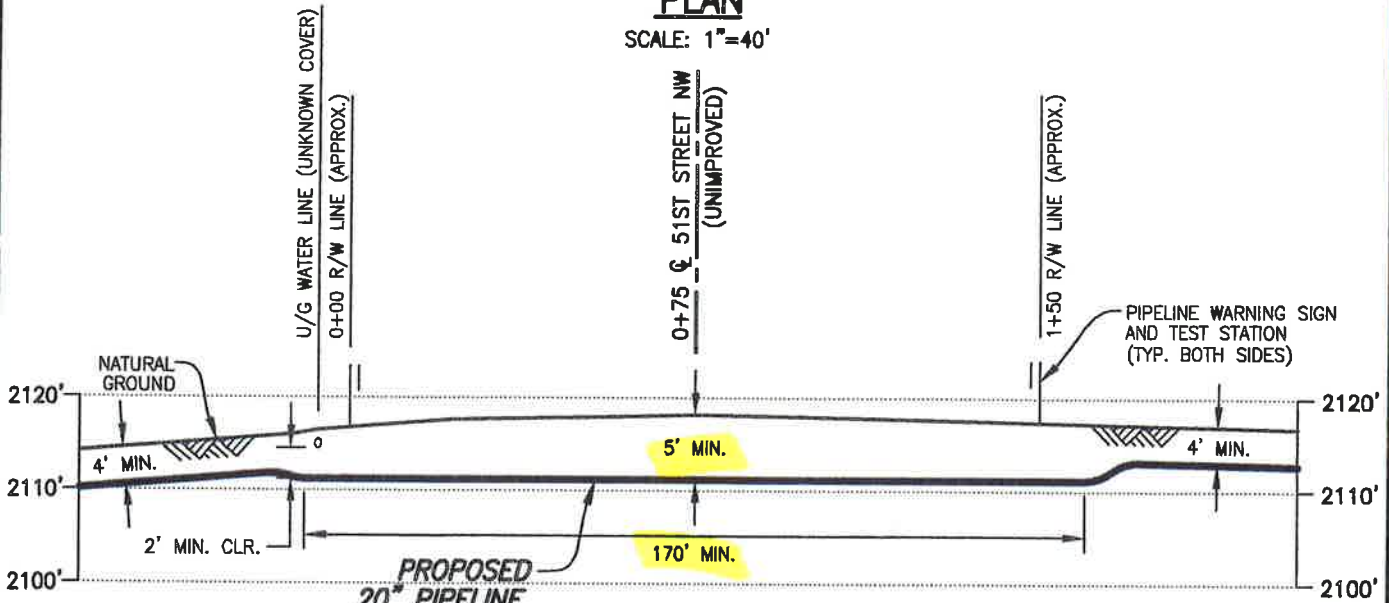
SECTIONS 15 & 22, TOWNSHIP 154 NORTH, RANGE 102 WEST

CL 143RD AVENUE NW



## PLAN

SCALE: 1"=40'



## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

① X=1936134.23  
Y=17500591.54

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: CL 51ST STREET NW (UNIMPROVED) AT STA. 0+75, ELEV. 2118.17'

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1-179.900.dwg PLOT DATE: 4/22/2015 BY: HUMBERSON, JEREMY

REV.	DATE	BY	DESCRIPTION	CHK.
A	04/22/15	JMH	ISSUED FOR USE/PERMIT	PN

PROJECT NO. 10395700

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 20" DAPL PIPELINE CROSSING 51TH STREET NW (UNIMPROVED)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/27/15	DWG. NO.	REV.
CHECKED BY: PN	DATE: 04/15/15	ND-WI-179.900	A
SCALE: AS SHOWN	APP.:		

**DRIVEWAY APPLICATION & PERMIT**

North Dakota Department of Transportation, Maintenance Division  
SFN 5918 (Rev. 06-2015)

Permit Number 1605

District Number 67

Applicant <b>DAKOTA ACCESS, LLC</b>		Telephone Number	
Address <b>1300 MAIN STREET</b>		City <b>Houston</b>	State <b>TX</b>
		ZIP Code <b>77002</b>	

**Driveway Information on State Highway Right of Way**

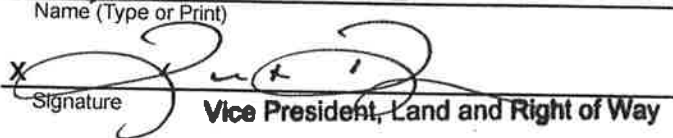
Number of Driveways <b>1 Temporary</b>	<input type="checkbox"/> Private <input type="checkbox"/> Commercial	FOR PIPELINE CONSTRUCTION Direction <input checked="" type="checkbox"/> N <input type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W side of Route <b>2</b>
Location <b>OLD REST AREA n side US 2 @ MP 12.0</b>		
Town	Highway <b>US 2</b>	Junction
		Mile Marker Number <b>12, 13, 25</b>

Description of proposed work on state right of way and type of business served.  
**Temporary access road for pipeline construction off old rest area to proposed pipeline - attached sketch shows proposed temporary access road as a dotted yellow + black line**

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.

These are temporary driveways that will be removed when pipeline construction is complete. Contact the District when removal is complete. No bridge structures, construct with earth only. Traffic Control is required and it must be removed during non-work hours everyday.

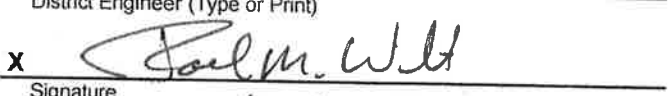
APPLICANT:

**ROBERT ROSE**  
 Name (Type or Print)  
  
 Signature  
**Vice President, Land and Right of Way**  
 Title  
**1/28/16**  
 Date

Permit granted:

Date

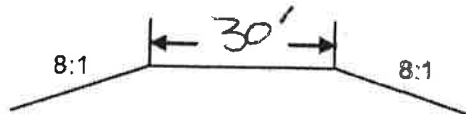
NORTH DAKOTA  
DEPARTMENT OF TRANSPORTATION

**JOEL M. WILT**  
 District Engineer (Type or Print)  
  
 Signature  
**3/29/16**  
 Date

Construction shall be completed by:

Date **12/31/16**

Sketch:

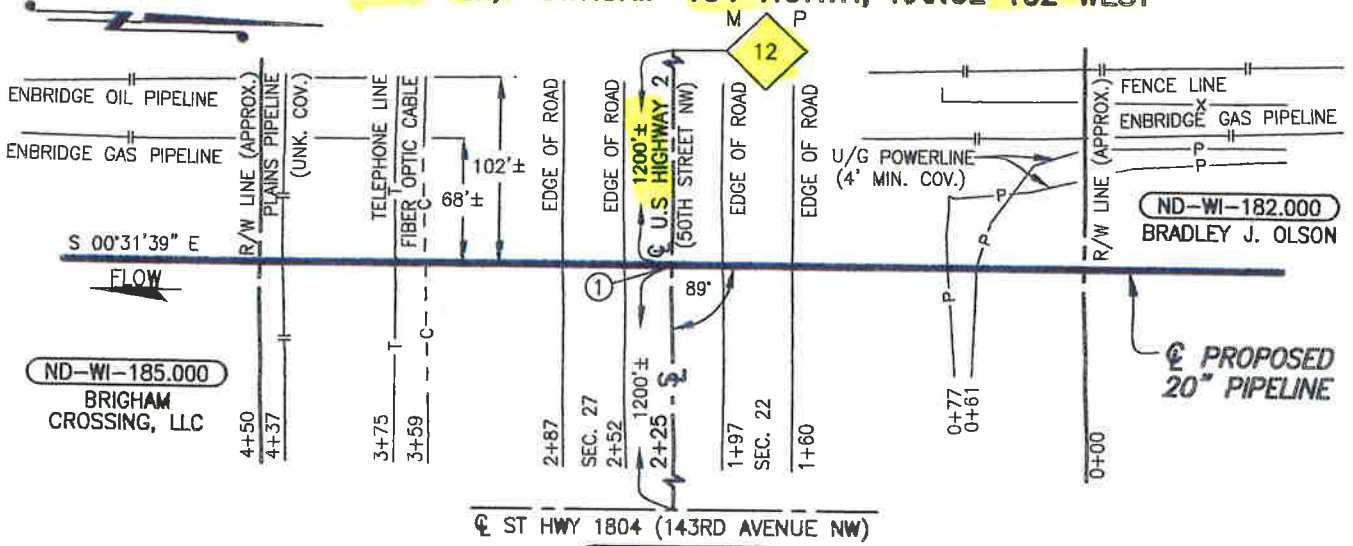


(Original to District File, copy to Applicant)

**ND-01-183000**  
**US 2**

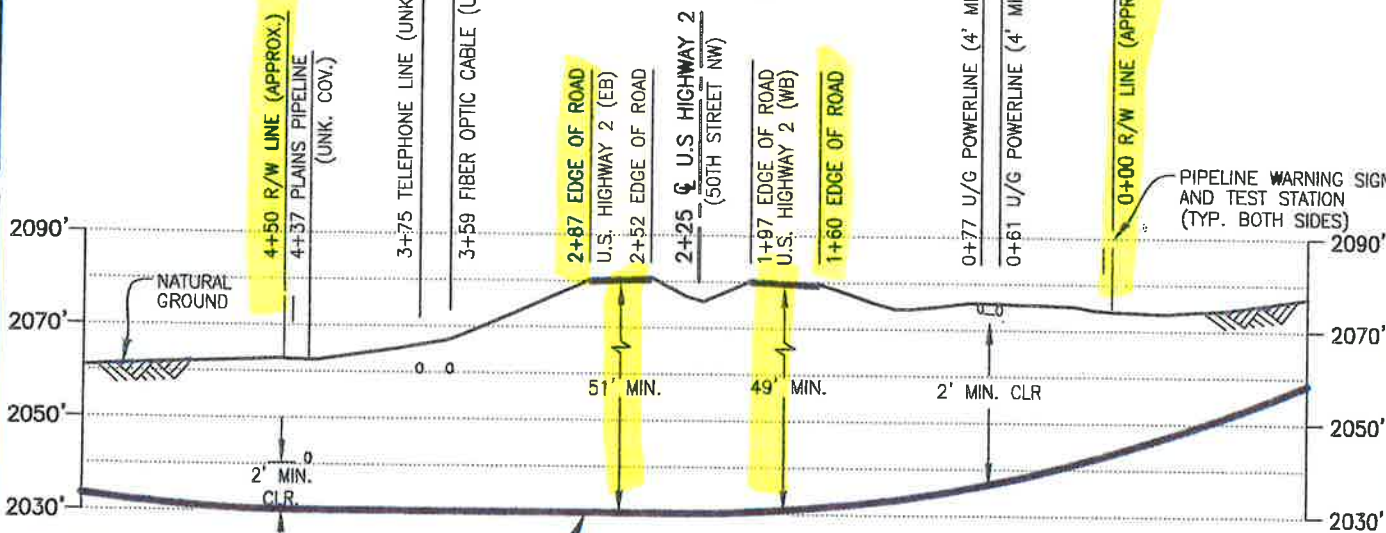
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 22 & 27, TOWNSHIP 154 NORTH, RANGE 102 WEST



## PLAN

SCALE: 1" = 100'



## PROFILE

SCALE: 1" = 100' HORIZ.  
1" = 40' VERT.

① X=1937760.87  
Y=17495310.13

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\phi$  U.S. HIGHWAY 2 (50TH STREET NW) AT STA. 2+25, ELEV. 2075.66'

### PIPE SPECIFICATIONS

PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: HDD  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

ND-WI-183.000 SUPERSEDES ND-WI-184.900



## PROPOSED 20" DAPL PIPELINE CROSSING U.S. HIGHWAY 2 (50TH STREET NW)

WILLIAMS COUNTY NORTH DAKOTA

REV.	DATE	BY	DESCRIPTION	RC	CHK.
A	10/21/15	OP	ISSUED FOR USE/PERMIT		

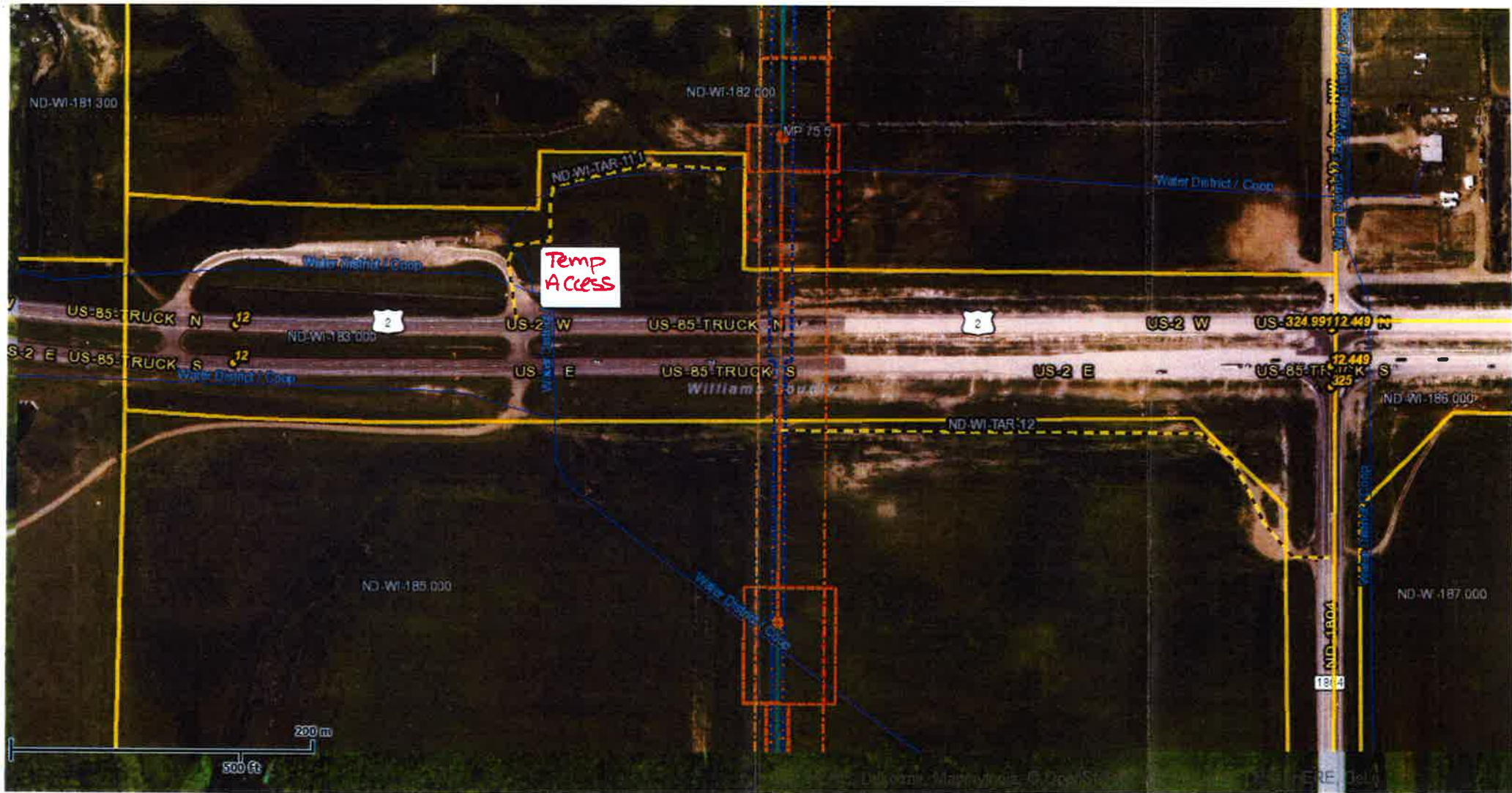
PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: PRV	DATE: 04/23/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 05/07/15	<b>ND-WI-183.000</b>	<b>A</b>
SCALE: AS SHOWN	APP.: RC		

FILE: F: 103957\DISCIPLINE\CAD\DRAWINGS\95--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB M-183.000.dwg PLOT DATE: 10/21/2015 BY: HARBOLT, JASON



ND-WI-183000 US 2  
 CLS LiNK GIS Viewer



# Judson Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Judson Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 20" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 49 St. NW located between the  
following Township and Range sections:

(S-27/34) (T-54N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-189.900  
49 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 570-3452 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Judson TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

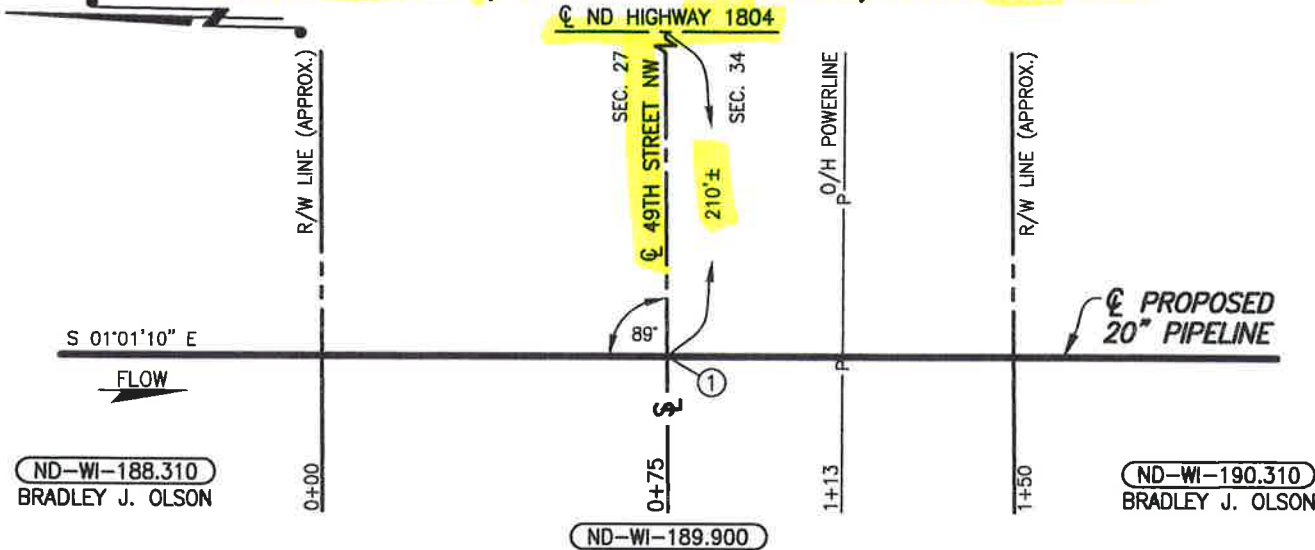
[Signature]  
Judson Township Chairman

Date: 1/29/16

ND-WI-189.900  
49 St. NW

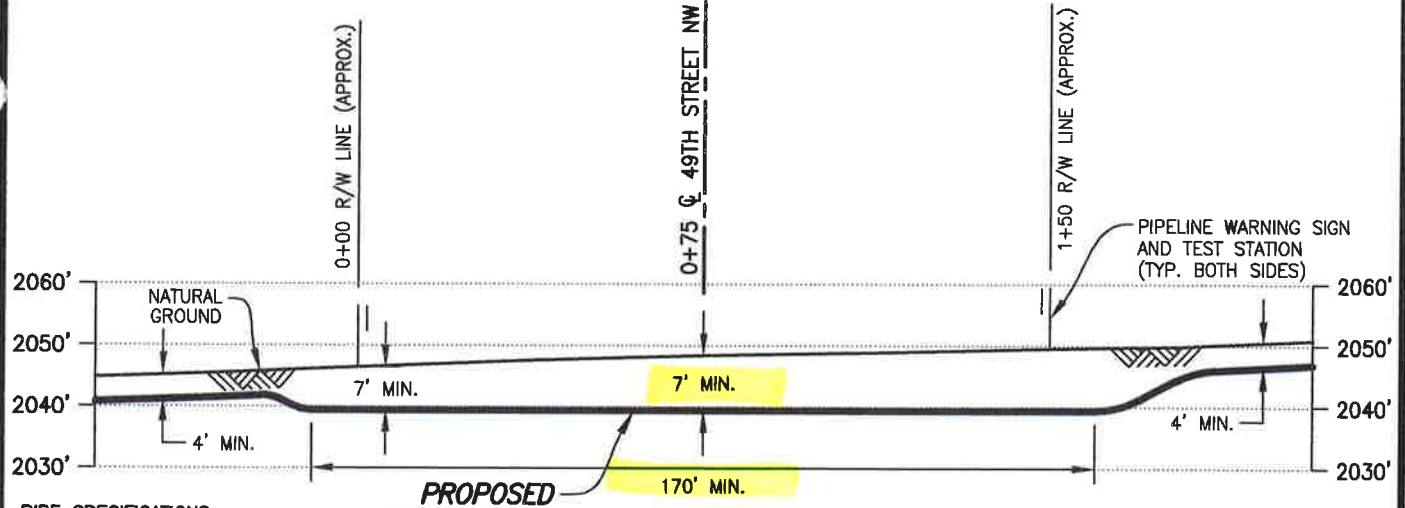
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 34 & 27, TOWNSHIP 154 NORTH, RANGE 102 WEST



## PLAN

SCALE: 1"=40'



**PIPE SPECIFICATIONS**  
 PIPE 20" O.D. x 0.438" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=40' HORIZ.  
 1"=30' VERT.

① X=1938824.25  
 Y=17490096.47  
**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\phi$  49TH STREET NW (UNIMPROVED)  
 AT STA. 0+75, ELEV. 2048.35'

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	MM	ISSUED FOR USE/PERMIT	RC
A	04/22/15	JMH	ISSUED FOR USE/PERMIT	PN

PROJECT NO. 10395700

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 827C



## PROPOSED 20" DAPL PIPELINE CROSSING 49TH STREET NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: JWH	DATE: 04/06/15	DWG. NO.	REV.
CHECKED BY: PN	DATE: 04/15/15	<b>ND-WI-189.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: \\mus\glib\HOU\Pipeline\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\ S COUNTY\103957-PB-ND-WI-189.900.dwg PLOT DATE: 12/15/2015 BY: MUALLEM, MIKE

### UTILITY OCCUPANCY APPLICATION AND PERMIT

North Dakota Department of Transportation, Design  
SFN 7985 (2-2016)

#### FOR STATE USE ONLY (Type or Print)

RIMS Document Number 73092	Contract Number 61160670	District Tracking Number 7-1804-326.4318
-------------------------------	-----------------------------	---

#### APPLICANT INFORMATION

Authorized Utility Agent (must be same as signatory for permit)

Company Name Dakota Access, LLC	Contact Name Robert Rose	Telephone Number 892-668-1483
Mailing Address 1300 Main Street	City Houston	State TX ZIP Code 77002

#### Preparer - Consultant

Company Name Wood Group Mustang	Contact Name Jenni Sherrill	Telephone Number 903-510-3412
Mailing Address 1100 Weiss Avenue	City Bismarck	State ND ZIP Code 58103

#### Utility Contractor

Company Name Precision Pipeline, LLC	Contact Name Jim Crawford	Telephone Number 715-450-0988
Mailing Address 3314 5th Street	City Eau Claire	State WI ZIP Code 54603

#### TYPE OF FACILITY (Complete appropriate space only.)

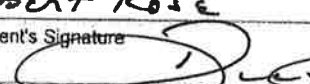
Description of Proposed Facility Cathodically Protected Steel Crude Oil Pipeline		
Size of Facility 20" OD x 0.438" WT	Number of Cables	Length of Down Guys
Pipeline Pressure MDP 1,440 PSIG	Size of Casing	Length of Casing
Location of Pole(s)	Location of Appurtenances	Location - Others

**TERMS AND CONDITIONS:** Installation and maintenance of said facilities on highway right of way shall be subject to the North Dakota Department of Transportation's (NDDOT's) "A Policy for Accommodation of Utilities on State Highway Right of Way", current edition, and the following terms and conditions, attached hereto and made a part hereof.

The installation shall be completed on or before: Date MAY 2017

See page 2 for additional Terms and Conditions.


#### APPROVAL

Company Name (Utility Agency) Dakota Access, LLC	Authorized Utility Agent Name (Type or Print) Robert Rose	Authorize Agent Title Vice President, Land and Right of Way
Date 2/24/16	Authorized Agent's Signature 	

To be signed by Owner, Partner, Corporate President, Vice President, or other authorized Corporate Officer. If signed by other authorized Corporate Officer, please attach copy of Power of Attorney or other documentation showing authority to sign.

The Owner is hereby granted permission to install and maintain the facilities applied for, as shown on the plans attached hereto, and made a part hereof. NDDOT Approved Date 4/19/16

#### NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

District Engineer (Type or Print) Joel M. Wilt	District Engineer Signature 
---	---

ND-WI-100 305 900

SH Kink

R

- (A) Installation/maintenance of said facilities shall be done in a manner satisfactory to the NDDOT district engineer.
- (B) Owner shall notify the NDDOT district engineer forty-eight (48) hours prior to installing, maintaining, relocating, or removing said facilities. All disturbed areas shall be restored to their original condition in a manner satisfactory to the NDDOT district engineer.
- (C) The owner shall be required to wear an ANSI/ISEA 107-2010 Class II high visibility garment while within the highway right-of-way as per the requirements of 23 CFR 634.
- (D) Owner 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 facilities on highway right of way.
- (E) The Risk Management Appendix, attached, is hereby incorporated and made a part of this agreement.
- (F) Owner shall promptly remove said facilities from highway right of way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by NDDOT. The owner may be held responsible for delay costs caused by the owner's failure to use reasonable efforts to relocate or adjust facilities in a timely manner.
- (G) NDDOT specifically reserves the right to revoke, or change the terms and conditions of, this Permit with or without cause and upon notice to the Owner.
- (H) The Owner, for him or herself, his or her 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 grounds of race, color, 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 grounds of race, color, national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the Owner will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and regulations, 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.
- That in the event of breach of any of the above Non discrimination covenants, the 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.
- (I) If the utility facility includes drain tile, a "Request for Drainage on Highway Rights of Way", state form number 50909, must be made in conjunction with this permit.
- (J) The Department's review and subsequent approval of this permit request does not relieve the applicant of the responsibility to comply with all Federal and State laws and regulations that govern, but are not limited to, the protection of wetlands, threatened and endangered species, and migratory birds. The applicant is responsible to comply with all Federal and State laws and regulations that govern the protection of cultural resources within the permit application area (e.g., S.106 of the National Historic Preservation Act, 36 CRF Part 800; ND Century Code 55-02-07; ND Century Code 55-03-01.1). The applicant shall be aware of the ND State burial law (ND Century code 23-06-27; Administrative Rule 40-02) and ensure compliance for any discovery of human remains within the permit request area.
- (K) The Contractor agrees that NDDOT's review of the utility relocation plans, specifications, calculations, and field inspections shall be solely for NDDOT purposes and not for the benefit of the Utility or any third party and shall not be deemed to mean that the Utility's design and construction is structurally sound and appropriate or meets applicable federal and state regulations, laws, or local ordinances, codes, or industry standards (collectively, "Requirements"). The Utility affirms that it has taken all of the actions necessary and required for the construction, operation, and maintenance of its facility authorized hereunder, including compliance with all Requirements."
- (L) Detailed location maps showing lateral offsets from roadway centerlines are required for a permit.

2

For State Use Only

District Tracking Number
--------------------------

Please attach detail location map for each Utility Location. Use multiple utility locations when changing lateral offsets.

			For State Use Only				
Utility Location			Begin		End		
Highway Number	<input type="checkbox"/> Along or <input type="checkbox"/> Across	Direction (N, S, E, W)	Location Number	Reference Pt	Offset	Reference Pt	Offset
SH 1804		SOUTH	326.4318				
Nearest City or Hwy Jct.		Approximate Miles From					
det 182 SH 1804		1.41					
Begin	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)	End	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)
	324	SOUTH	2280'		327	NORTH	3000'
	Direction From Centerline (N, S, E, W)	Lateral Offset (feet)			Direction From Centerline (N, S, E, W)	Lateral Offset (feet)	
	West	100'			East	100'	

$$2280 / 5280 = 0.4318$$

\$ 100 / King



ID-WI-190.305.900  
C.L. 10.11.16

**NOTICE:** The Recipient must comply with ALL applicable Federal, State and local laws, rules, regulations, codes, ordinances, etc., including, but not limited to North Dakota Century Code, Chapter 49-23. (ONE-CALL EXCAVATION NOTICE SYSTEM)

**INSTALLATION AND MAINTENANCE:** Installation and maintenance of said facilities on highway right of way shall conform to the following provisions:

1. Within thirty (30) days after construction, maintenance, relocation, or removal of said facilities, any right of way scars shall be removed and disturbed areas restored to original condition. Existing topsoil shall be removed prior to excavation and stockpiled until all disturbed areas are restored to original grade. The stockpiled topsoil shall be evenly and smoothly replaced over the areas disturbed by the trenches or pits.
2. Vehicles and other work equipment used to install or maintain said facilities within highway right of way shall, where possible, use established access points, service roads, driveways and approaches to enter or leave the outer portion of the right of way for the performance of necessary work operations. Such vehicles and work equipment shall not be parked on the through-traffic lanes or shoulders of the highway during installation or maintenance of said facilities. **The parking of equipment, vehicles, and storing of materials in the median on divided roadways is not permitted. On all roadways, parking and storing of materials may be permitted only if equipment, vehicles and material are located a minimum of 60 feet from the outside edge of the driving lane.**
3. Protection to the free and safe flow of the highway traffic shall be as required in accordance with the "Manual on Uniform Traffic Control Devices", current edition.
4. The Recipient will notify the District Engineer of the Department of Transportation forty-eight (48) hours prior to beginning this installation. Immediately following the final clean up of the area, the Recipient shall again notify the District Engineer of the Department of Transportation.
5. The Department of Transportation may not be the total fee owner and does not warrant the title to the highway right of way covered by the terms of this permit. The Recipient shall be responsible for reviewing the public records to determine ownerships and any encumbrances to the title of the properties covered by the terms of this permit.
6. Trenches and pits opened within the right of way shall be cut to O.S.H.A. Standards and shall be of minimum width necessary to accommodate installation of said facilities. **Trenches and Pits shall not be left open overnight, or unattended. Slopes shall not have more than a 2" drop off, all slopes shall be 4:1.**
7. Trenches and pits opened within the right of way shall be backfilled with the same material originally in place, compacted to a density equal to that of the adjacent undisturbed soil and restored to the original grade. The backfill shall be tamped in layers not exceeding six (6) inches in compacted thickness. Consolidation of the backfill by saturation or ponding is not permissible.

8. The pipeline shall have a minimum of thirty-six (36) inches of cover within highway right of way.
9. On longitudinal installations, where the buried cable or pipe is installed by plowing, the plowed ridges shall be mechanically compacted and made flush with the original ground.
10. Casing pipe, where installed, shall extend a minimum of two (2) feet beyond the toe of the highway inslopes. The casing pipe shall be sealed at both ends to prevent formation of a waterway through the casing.
11. The pipeline shall be installed under the surfaced section of the highway by boring or jacking pipe through the roadbed between the clear zone limits. Wet boring or jetting of the pipe under the roadway is not permissible.
12. The diameter of the hole for bored or jacked installations shall not exceed by more than one (1) inch the outside diameter of the facility. Oversized bores, overbreaks, and unused holes shall be backfilled with grout.
13. The location of the pipeline crossing shall be indicated by a marker post installed on each side of the highway at the right of way line. An identification sign shall be attached to one of the marker posts showing the name, address, and telephone number of the pipeline company.
14. The Department of Transportation shall be notified in advance of any proposed change in the type of transmittant carried by the pipeline, or any increase in the maximum working pressure specified in the application for the permit.
15. The casing pipe shall be continuous and shall extend a minimum of two (2) feet beyond the clear zone or two (2) feet beyond the toes of outer inslopes of the highway, whichever is further from the highway center line. The casing pipe shall be adequately sealed at both ends with suitable material that will prevent the formation of a waterway.
16. Casing is not required if approved extra wall thickness pipe is installed.
17. The Recipient shall indemnify, save, hold harmless, the State of North Dakota, its agencies, offices and employees, from any and all claims of any nature arising from any direct, indirect, or consequential damage to real property or business, including all costs, expenses, and attorney's fees, which may in any manner arise out of or result from this project.
18. The topsoil will be replaced on all disturbed areas and seeded as determined below (provide a temporary cover crop):

<b>Seed Class Mix Requirements</b>		
<b>Class II – Early Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>

Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	3.2
Green Needlegrass	Lodorm, AC Mallard, Fowler	2.4
Sideoats Grama	Killdeer, Pierre, Butte	3.6
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>23.8</b>

<b>Seed Class Mix Requirements</b>		
<b>Class II – Late Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>
Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	1.6
Green Needlegrass	Lodorm, AC Mallard, Fowler	3.6
Canada Wild-rye	Mandan	5.2
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>25.0</b>

BY

## 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 **\$250,000 per person and \$1,000,000 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.
- 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.

Dakota Access, LLC  
1300 Main St.  
Houston, TX 77002

Dear Permittee:

You have submitted to the North Dakota Department of Transportation (NDDOT), in connection with your certificate of insurance, additional pages or language on the certificate which either purports to limit or qualify the information reflected on the certificate of insurance or which purports to change, modify or amend your company's insurance policies. NDDOT policy is to not solicit, review or approve contractors' insurance policies, endorsements or amendments to insurance policies, or insurance documents other than properly completed certificates of insurance. NDDOT contracts specify that contractors are responsible for acquiring and maintaining specified coverages and proof of insurance.

Please have a company executive authorized to execute contract documents sign and date the statement below attesting that your company has insurance coverage consistent with the contract provisions and immediately fax and mail it back to us.

Be advised that execution of this contract will be delayed until these issues have been resolved.

Sincerely,

Joel M. Wilt  
Williston District Engineer

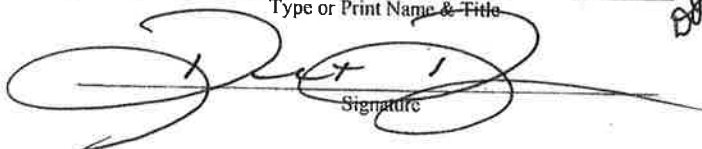
---

### UTILITY OCCUPANCY APPLICATION AND PERMIT

**Dakota Access, LLC;** states that the company has, and will maintain in force, insurance coverages (including proof of coverages) consistent with the contract specifications.

Date 2/24/16

ROBERT ROSE Vice President, Land and Right of Way  
Type or Print Name & Title

  
Signature

RIMS # 73092

17-111-1A0 315 900 STANLEY

**DRIVEWAY APPLICATION & PERMIT**

North Dakota Department of Transportation, Maintenance Division  
SFN 5918 (Rev. 06-2015)

Permit Number **1606**

District Number **67**

Applicant <b>DAKOTA ACCESS, LLC</b>		Telephone Number	
Address <b>1300 MAIN STREET</b>	City <b>Houston</b>	State <b>TX</b>	ZIP Code <b>77002</b>

**Driveway Information on State Highway Right of Way**

Number of Driveways <b>2 Temp</b>	<input checked="" type="checkbox"/> Pipeline Construction <input type="checkbox"/> Private <input type="checkbox"/> Commercial	Direction <input type="checkbox"/> N <input type="checkbox"/> S <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W side of Route <b>1804</b>
Location <b>. SH 1804 3070' south of MP 326</b>		<b>RP 326.5814</b>
Town	Highway <b>SH 1804</b>	Junction Mile Marker Number <b>3070' S of MP 326</b>

Description of proposed work on state right of way and type of business served.

**Temporary drive on each side of SH 1804 FOR pipe line construction**

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.

These are temporary driveways that will be removed when pipeline construction is complete. Contact the District when removal is complete. No bridge structures, construct with earth only. Traffic Control is required and it must be removed during non-work hours everyday.

APPLICANT:

NORTH DAKOTA  
DEPARTMENT OF TRANSPORTATION

**Robert Rose**  
Name (Type or Print)  
**[Signature]**  
Signature  
**Vice President, Land and Right of Way**  
Title  
**1/29/16**  
Date

**JOEL M. WILT**  
District Engineer (Type or Print)  
**[Signature]**  
Signature  
**3/29/16**  
Date

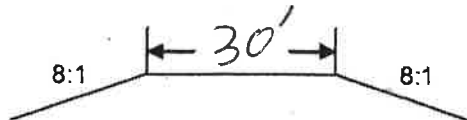
Permit granted:

Construction shall be completed by:

Date

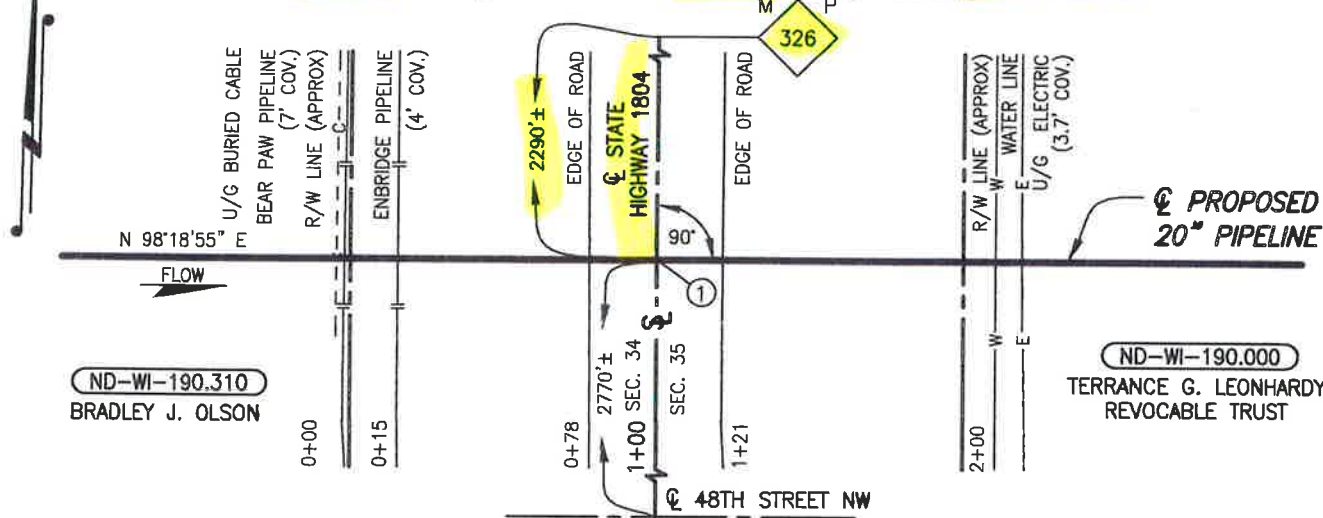
Date **12/31/16**

Sketch:

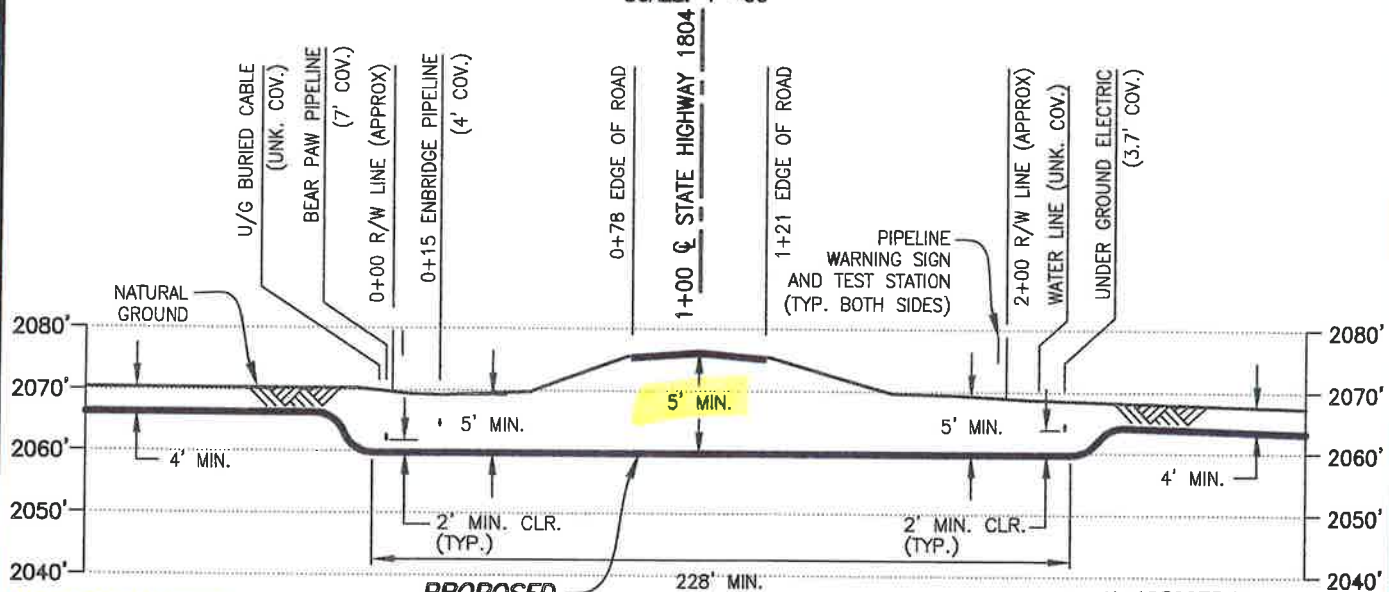


# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 34 & 35, TOWNSHIP 154 NORTH, RANGE 102 WEST



**PLAN**  
SCALE: 1"=60'



**PROPOSED 20" PIPELINE**

**PROFILE**  
SCALE: 1"=60' HORIZ.  
1"=30' VERT.

① X=1939075.80  
Y=17487706.47

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\phi$  STATE HIGHWAY 1804 AT STA. 1+00, ELEV. 2076.52'

**PIPE SPECIFICATIONS**  
PIPE 20" O.D. x 0.438" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

D	12/21/15	MM	ISSUED FOR USE/PERMIT	RC
C	10/02/15	PRV	ISSUED FOR USE/PERMIT	RC
B	08/25/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	JHM	ISSUED FOR USE/PERMIT	PA
REV.	DATE	BY	DESCRIPTION	CHK.

PROJECT NO. **10395700**

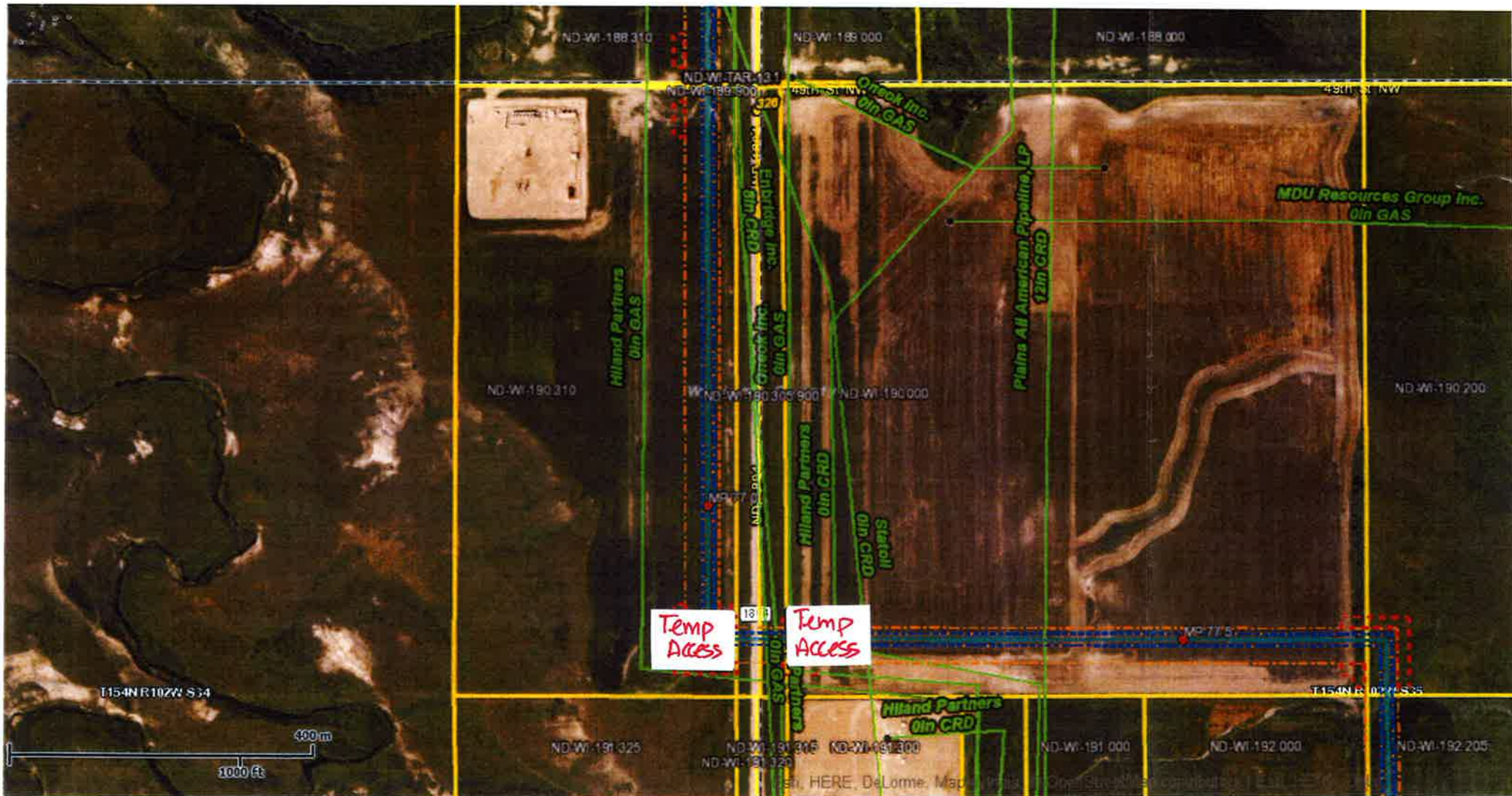
**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



### PROPOSED 20" DAPL PIPELINE CROSSING STATE HIGHWAY 1804

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 03/18/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	<b>ND-WI-190.305.900</b>	<b>D</b>
SCALE: AS SHOWN	APP.: RC		

FILE: R:\P\...103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-0.305.900.dwg PLOT DATE: 12/21/2015 BY: MADAMBA, JOEY



ND-WI-190.305.900 SH 1804

CLS LiNK GIS Viewer

**CLS** Contract

# Judson Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Judson Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main STREET Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 48 ST NW located between the  
following Township and Range sections:

(S - 35/2) (T - 154/153) (R - 102 W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-192.900  
48 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3452 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Judson TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Heck L. Helstrom  
Judson Township Chairman

By: [Signature]  
Vice President, Land and Right of Way

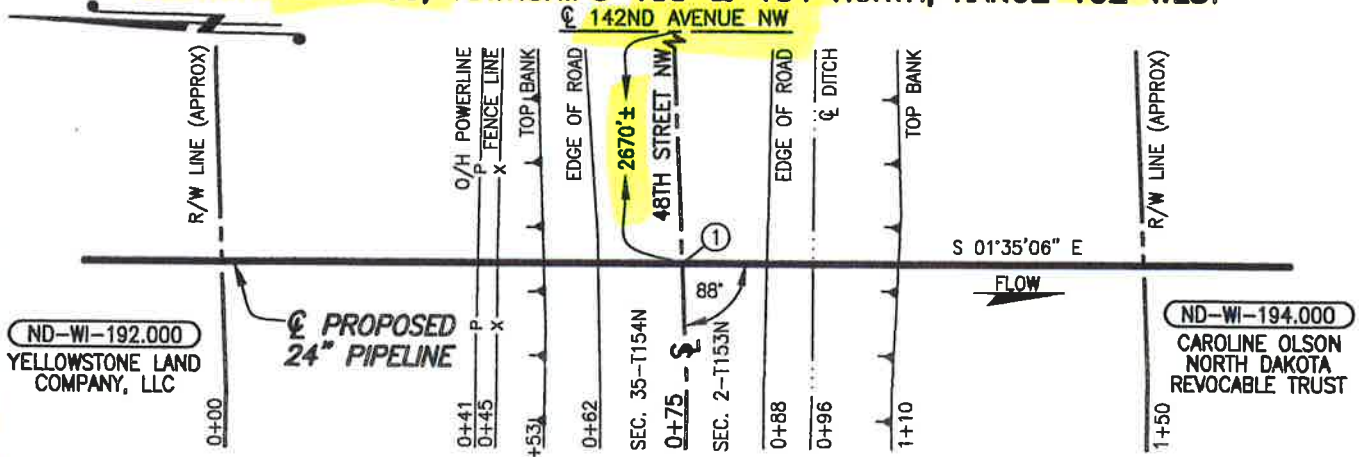
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-192.900  
48 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

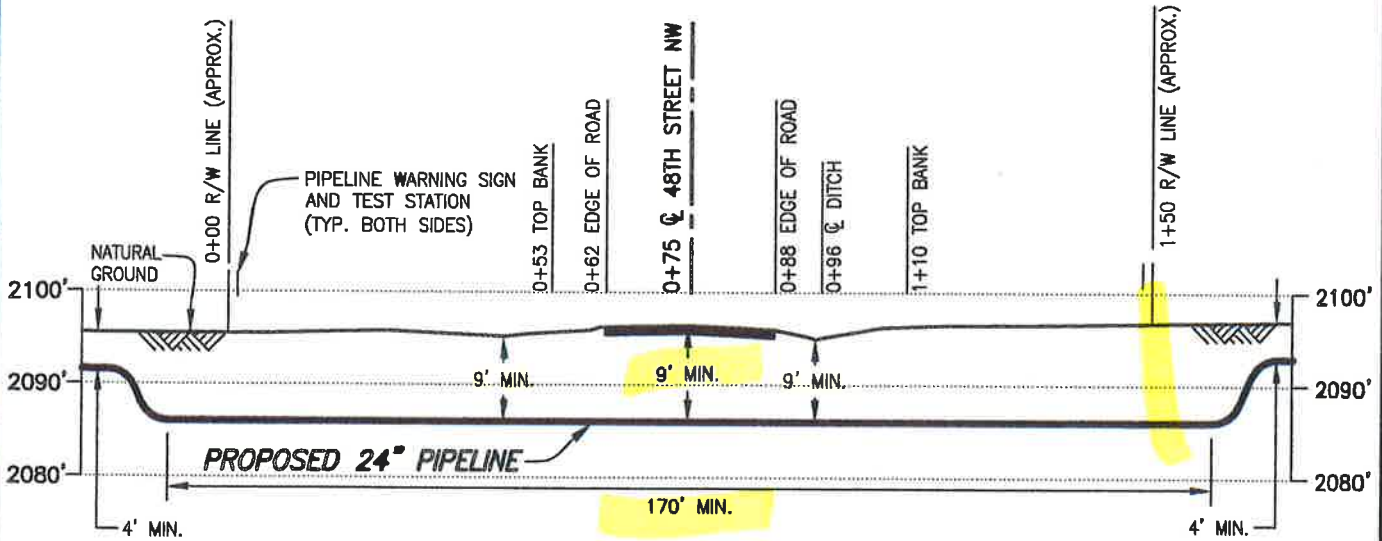
SECTIONS 2 & 35, TOWNSHIPS 153 & 154 NORTH, RANGE 102 WEST



ND-WI-192.900

## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1941737.58  
Y=17484863.15

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  48TH STREET NW AT STA. 0+75, ELEV. 2096.04'

**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: **BORE**  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

C	07/07/15	PRV	ISSUED FOR USE/PERMIT	EDF
B	03/30/15	JTM	ISSUED FOR USE/PERMIT	PA
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC
REV.	DATE	BY	DESCRIPTION	CHK.



DAKOTA ACCESS, LLC

### PROPOSED 24" DAPL PIPELINE CROSSING 48TH STREET NW

PROJECT NO. <b>10395700</b>		WILLIAMS COUNTY NORTH DAKOTA	
<p><b>WOOD GROUP MUSTANG, INC.</b> NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C</p>	DRAWN BY: OP	DATE: 02/06/15	DWG. NO.
	CHECKED BY: PA	DATE: 03/13/15	REV.
	SCALE: AS SHOWN	APP.:	<b>ND-WI-192.900</b>

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1-192.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" Crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 48 St. NW located between the  
following Township and Range sections:

(S-2135) (T-153/154) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-192.900  
48 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-2319 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

W. Scott  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

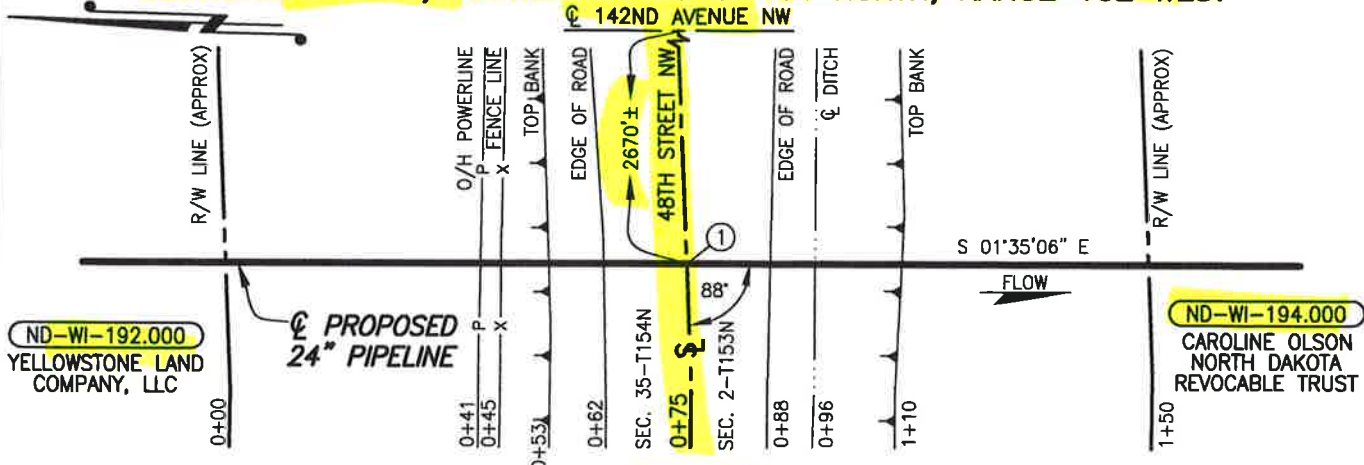
Date: 1/24/16

Phone: \_\_\_\_\_

NDW1-192.900  
48 st. NW

# WILLIAMS COUNTY, NORTH DAKOTA

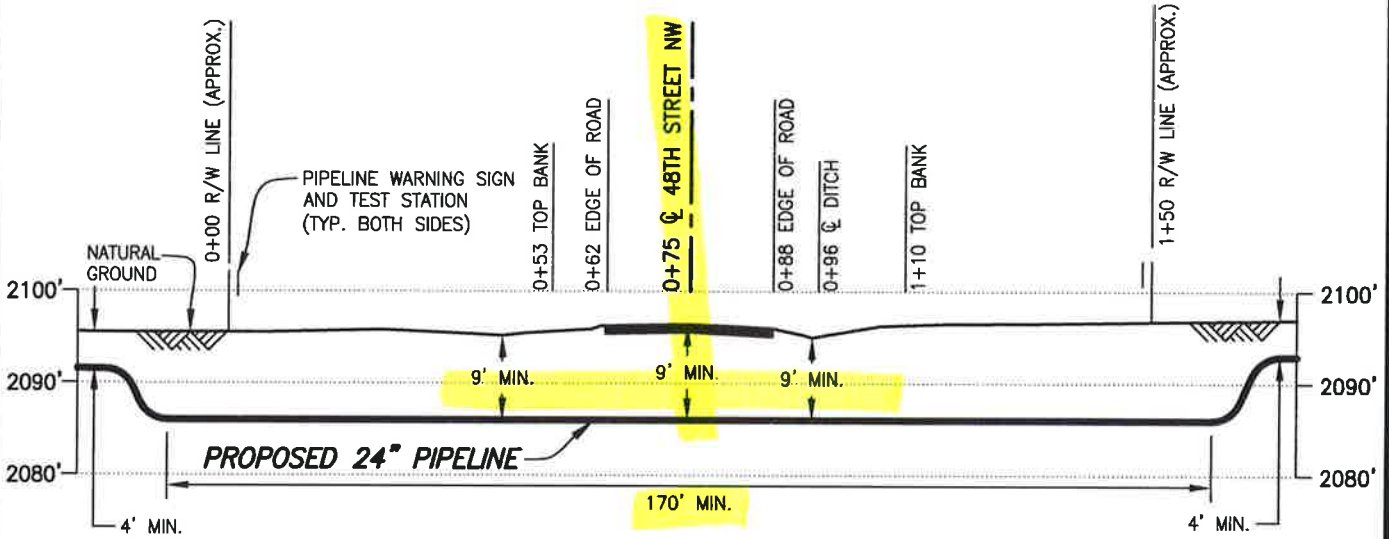
SECTIONS 2 & 35, TOWNSHIPS 153 & 154 NORTH, RANGE 102 WEST



ND-WI-192.900

## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

① X=1941737.58  
Y=17484863.15

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  48TH STREET NW AT STA. 0+75, ELEV. 2096.04'

### PIPE SPECIFICATIONS

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	07/07/15	PRV	ISSUED FOR USE/PERMIT	EDF
B	03/30/15	JTM	ISSUED FOR USE/PERMIT	PA
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC



## PROPOSED 24" DAPL PIPELINE CROSSING 48TH STREET NW

PROJECT NO. 10395700		WILLIAMS COUNTY NORTH DAKOTA	
<p><b>WOOD GROUP MUSTANG, INC.</b> NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C</p>	DRAWN BY: OP	DATE: 02/06/15	DWG. NO.
	CHECKED BY: PA	DATE: 03/13/15	REV.
	SCALE: AS SHOWN	APP.:	<b>ND-WI-192.900</b>

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-WI-192.900.dwg PLOT DATE: 7/9/2015 BY: HARBOLT, JASON

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 47 1/2 St NW located between the  
following Township and Range sections:

(S-2) (T153N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

MD-WI-194.900  
47 1/2 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 770-2319 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

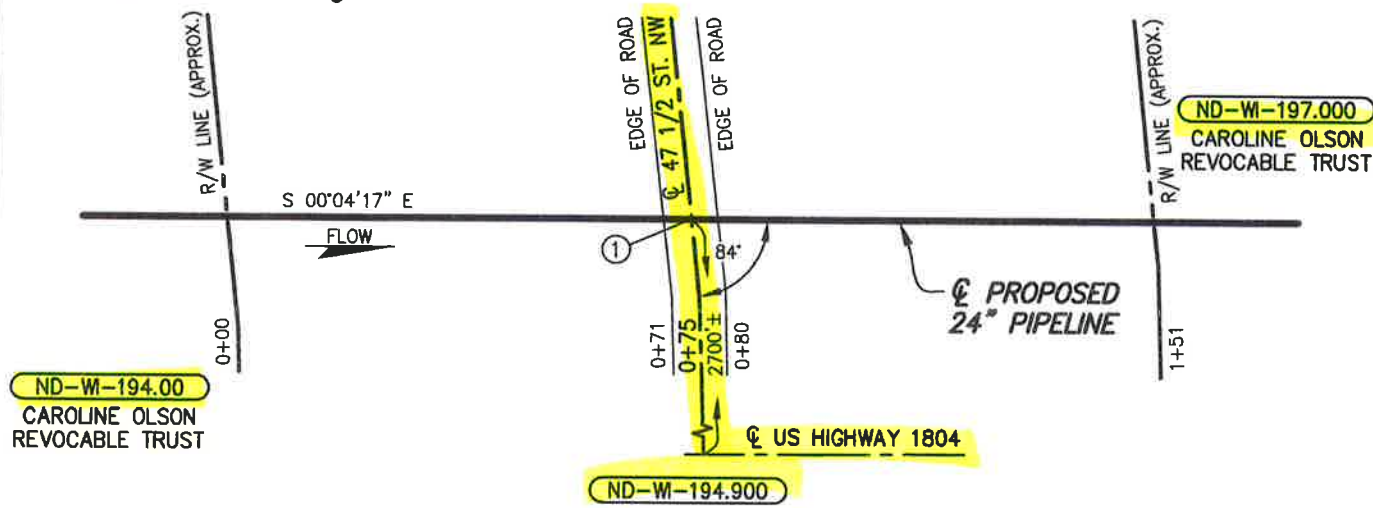
Wade [Signature] 3/15/16  
Trenton Township

Date: 1/29/16

ND-WI-194-900  
47 1/2 St. NW

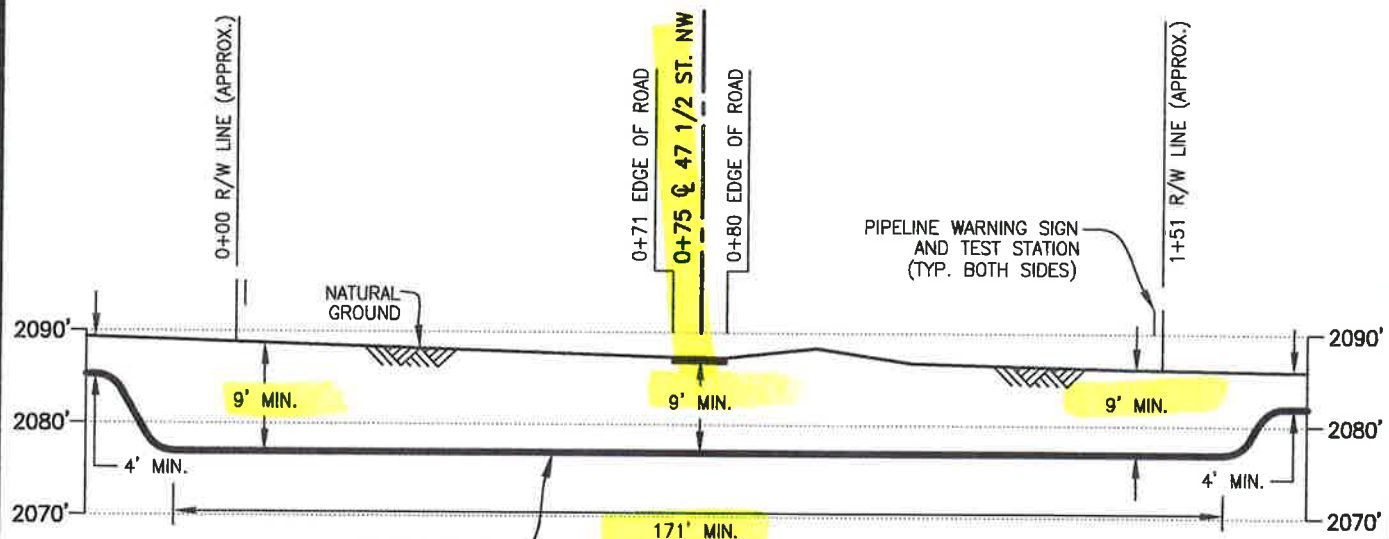
# WILLIAMS COUNTY, NORTH DAKOTA

## SECTION 2 TOWNSHIP 153 NORTH, RANGE 102 WEST



### PLAN

SCALE: 1"=30'



### PROFILE

SCALE: 1"=30' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=1941747.57  
 Y=17482240.12  
**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.:  $\odot$  47 1/2 ST. NW  
 AT STA. 0+75, ELEV. 2087.30'

REV.	DATE	BY	DESCRIPTION	CHK.
C	08/10/15	PRV	ISSUED FOR USE/PERMIT	RC
B	07/07/15	RG	ISSUED FOR USE/PERMIT	
A	03/30/15	JTM	ISSUED FOR USE/PERMIT	PA



### PROPOSED 24" DAPL PIPELINE CROSSING 47 1/2 STREET NW

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: RG	DATE: 03/11/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/13/15	<b>ND-WI-194.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-WI-194.900.dwg PLOT DATE: 9/11/2015 BY: GARCIA, REFUGIO

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to DAKOTA ACCESS, LLC whose  
(Applicant)  
address is 1300 MAIN STREET, HOUSTON, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 47 ST. NW located between the  
following Township and Range sections:

(S-2/11) (T-153N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-197900  
47 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 770-2319 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Walt A. [Signature] 3/15/16  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

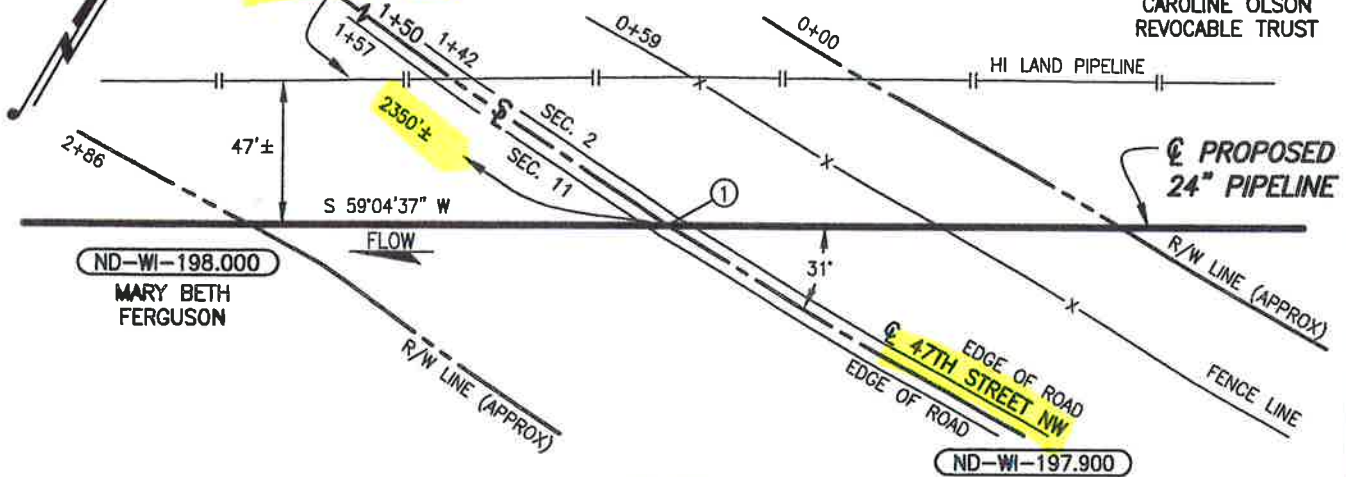
ND-W1-197.900  
47 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 2 & 11, TOWNSHIP 153 NORTH, RANGE 102 WEST

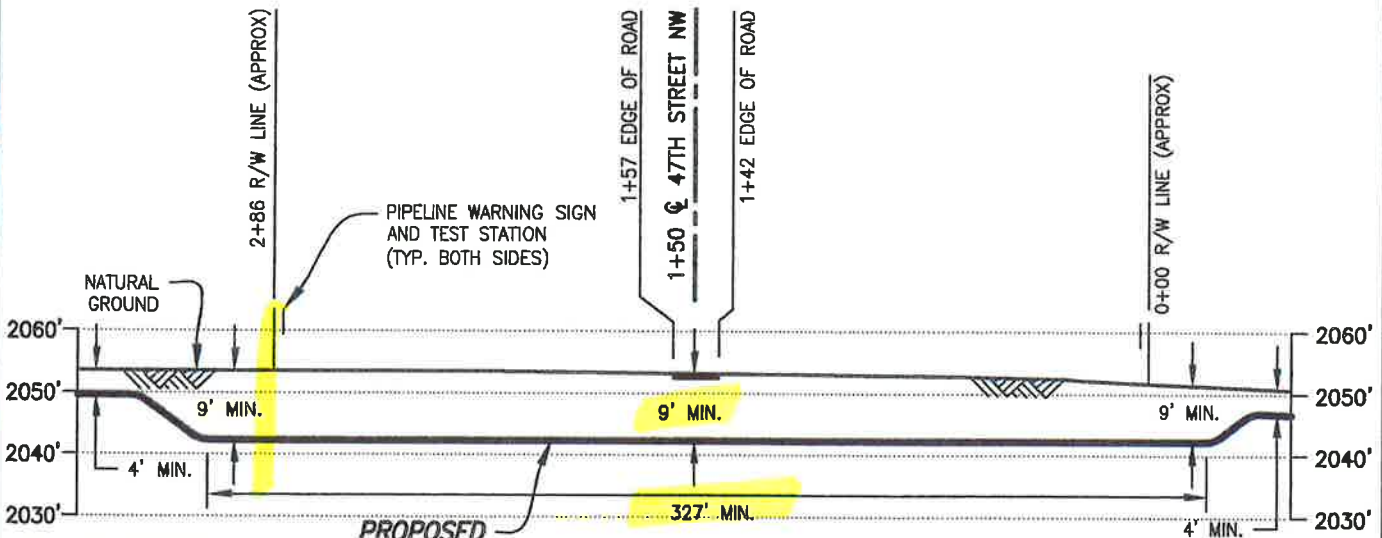
STATE HIGHWAY 1804

ND-WI-197.000  
CAROLINE OLSON  
REVOCABLE TRUST



## PLAN

SCALE: 1"=60'



## PROPOSED 24" PIPELINE

## PROFILE

SCALE: 1"=60' HORIZ.  
1"=30' VERT.

① X=1939839.33  
Y=17479494.35

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS  
OBSERVATIONS (GEOID 2012, NAVD 88)  
BEARINGS BASED ON UTM ZONE 13  
NORTH AMERICAN DATUM 1983.  
U.S. SURVEY FEET  
T.B.M.: 47TH STREET NW  
AT STA. 1+50, ELEV. 2053.19'

### PIPE SPECIFICATIONS

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

FILE: R:\F:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-N 197.900.dwg PLOT DATE: 4/22/2015 BY: HUMBERSON, JEREMY

REV.	DATE	BY	DESCRIPTION	CHK.
A	04/22/15	JMH	ISSUED FOR USE/PERMIT	PN

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 24" DAPL PIPELINE CROSSING 47TH STREET NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 03/30/15	DWG. NO.	REV.
CHECKED BY: PN	DATE: 04/15/15	ND-WI-197.900	A
SCALE: AS SHOWN	APP.:		

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" Crude Oil Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) NO NAME ROAD located between the  
following Township and Range sections:

(S-10)(T-153N)(R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-101-201.900  
NO NAME ROAD

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-2319 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Walter A. [Signature] 3/15/16  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-201.900  
NO NAME ROAD



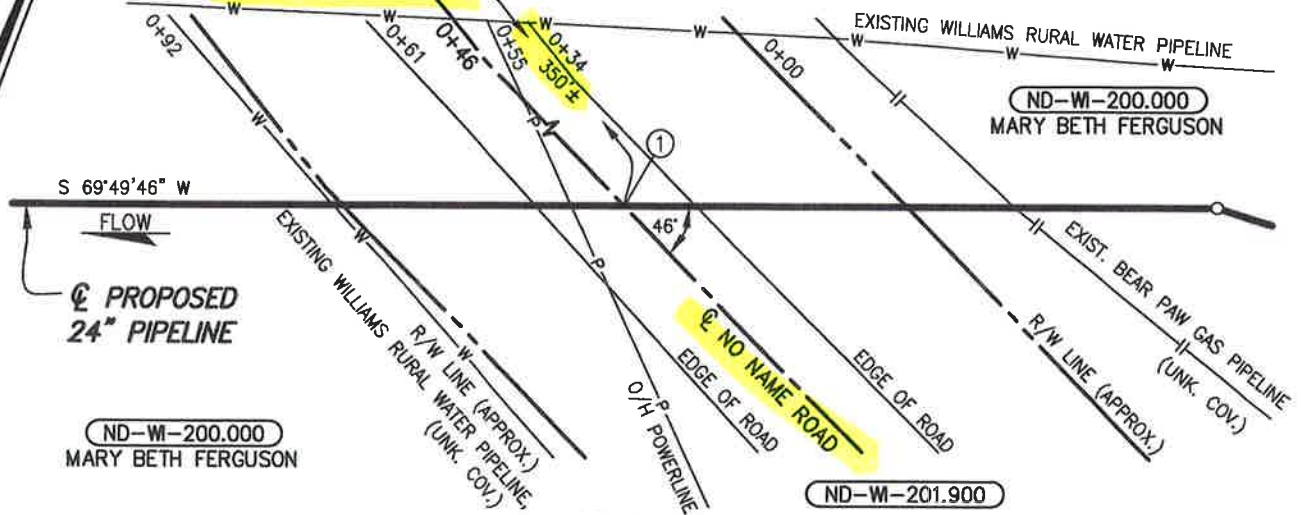
ND-WI-202.900 SH 1804  
CLS LINK GIS Viewer



Contract

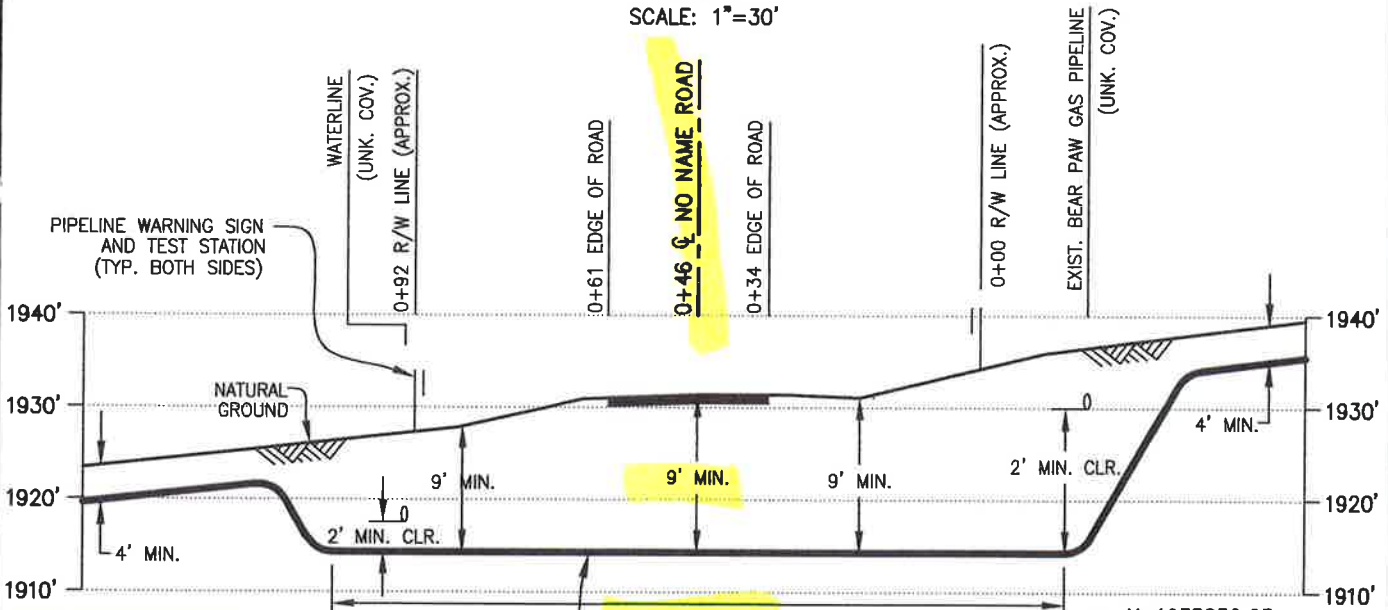
# WILLIAMS COUNTY, NORTH DAKOTA

**SECTION 10, TOWNSHIP 153 NORTH, RANGE 102 WEST**  
 STATE HIGHWAY 1804



## PLAN

SCALE: 1"=30'



## PROFILE

SCALE: 1"=30' HORIZ.  
 1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  NO NAME ROAD AT STA. 0+46, ELEV. 1931.37'

REV.	DATE	BY	DESCRIPTION	CHK.
D	12/28/15	JWH	ISSUED FOR USE/PERMIT	RC
C	12/21/15	JMH	ISSUED FOR USE/PERMIT	RC
B	07/08/15	RG	ISSUED FOR USE/PERMIT	EDF
A	03/02/15	OP	ISSUED FOR USE/PERMIT	RC



## PROPOSED 24" DAPL PIPELINE CROSSING NO NAME ROAD

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 01/27/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-201.900</b>	<b>D</b>
SCALE: AS SHOWN	APP.:		

900.dwg PLOT DATE: 12/28/2015 BY: MADAMBA, JOEY

03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-W

FILE: R:\Proj

11

# UTILITY OCCUPANCY APPLICATION AND PERMIT

North Dakota Department of Transportation, Design  
SFN 7995 (2-2016)

## FOR STATE USE ONLY (Type or Print)

RIMS Document Number <b>7309D</b>	Contract Number <b>6711601668</b>	District Tracking Number <b>7-1804-328.8750</b>
--------------------------------------	--------------------------------------	--

## APPLICANT INFORMATION

### Authorized Utility Agent (must be same as signatory for permit)

Company Name <b>Dakota Access LLC</b>	Contact Name <b>Robert Rose</b>	Telephone Number <b>832-668-1483</b>
Mailing Address <b>1300 Main Street</b>	City <b>Houston</b>	State <b>TX</b> ZIP Code <b>77002</b>

### Preparer - Consultant

Company Name <b>Wood Group Mustang</b>	Contact Name <b>Jenni Sherrill</b>	Telephone Number <b>903.570.3412</b>
Mailing Address <b>1100 Weiss Avenue</b>	City <b>Bismarck</b>	State <b>ND</b> ZIP Code <b>58503</b>

### Utility Contractor

Company Name <b>Precision Pipeline LLC</b>	Contact Name <b>Jim Crawford</b>	Telephone Number <b>715.450.0988</b>
Mailing Address <b>3314 56th Street</b>	City <b>Eau Claire</b>	State <b>WI</b> ZIP Code <b>54703</b>

## TYPE OF FACILITY (Complete appropriate space only.)

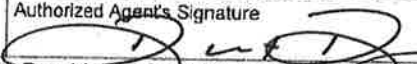
Description of Proposed Facility <b>Cathodically protected steel crude oil company</b>		
Size of Facility <b>24" OD X 0.500" WT</b>	Number of Cables	Length of Down Guys
Pipeline Pressure <b>MOP: 1,440 PSIE</b>	Size of Casing	Length of Casing
Location of Pole(s)	Location of Appurtenances	Location - Others

**TERMS AND CONDITIONS:** Installation and maintenance of said facilities on highway right of way shall be subject to the North Dakota Department of Transportation's (NDDOT's) "A Policy for Accommodation of Utilities on State Highway Right of Way", current edition, and the following terms and conditions, attached hereto and made a part hereof.

The installation shall be completed on or before: Date **May 2017**

See page 2 for additional Terms and Conditions.

## APPROVAL

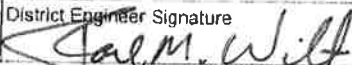
Company Name (Utility Agency) <b>DAKOTA ACCESS, LLC</b>	Authorized Utility Agent Name (Type or Print) <b>ROBERT ROSE</b>	Authorize Agent Title <b>Vice President, Land and Right of Way</b>
Date <b>2/24/16</b>	Authorized Agent's Signature 	

To be signed by Owner, Partner, Corporate President, Vice President, or other authorized Corporate Officer. If signed by other authorized Corporate Officer, please attach copy of Power of Attorney or other documentation showing authority to sign.

The Owner is hereby granted permission to install and maintain the facilities applied for, as shown on the plans attached hereto, and made a part hereof.

NDDOT Approved Date  
**4/19/16**

## NORTH DAKOTA DEPARTMENT OF TRANSPORTATION

District Engineer (Type or Print) <b>JOEL M. WILT</b>	District Engineer Signature 
--	---

ND-WI-202.900  
ND-WI-240.900

SH 1804

R

- (A) Installation/maintenance of said facilities shall be done in a manner satisfactory to the NDDOT district engineer.
- (B) Owner shall notify the NDDOT district engineer forty-eight (48) hours prior to installing, maintaining, relocating, or removing said facilities. All disturbed areas shall be restored to their original condition in a manner satisfactory to the NDDOT district engineer.
- (C) The owner shall be required to wear an ANSI/ISEA 107-2010 Class II high visibility garment while within the highway right-of-way as per the requirements of 23 CFR 634.
- (D) Owner 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 facilities on highway right of way.
- (E) The Risk Management Appendix, attached, is hereby incorporated and made a part of this agreement.
- (F) Owner shall promptly remove said facilities from highway right of way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by NDDOT. The owner may be held responsible for delay costs caused by the owner's failure to use reasonable efforts to relocate or adjust facilities in a timely manner.
- (G) NDDOT specifically reserves the right to revoke, or change the terms and conditions of, this Permit with or without cause and upon notice to the Owner.
- (H) The Owner, for him or herself, his or her 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 grounds of race, color, 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 grounds of race, color, national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the Owner will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and regulations, 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.
- That in the event of breach of any of the above Non discrimination covenants, the 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.
- (I) If the utility facility includes drain tile, a "Request for Drainage on Highway Rights of Way", state form number 50909, must be made in conjunction with this permit.
- (J) The Department's review and subsequent approval of this permit request does not relieve the applicant of the responsibility to comply with all Federal and State laws and regulations that govern, but are not limited to, the protection of wetlands, threatened and endangered species, and migratory birds. The applicant is responsible to comply with all Federal and State laws and regulations that govern the protection of cultural resources within the permit application area (e.g., S.106 of the National Historic Preservation Act, 36 CRF Part 800; ND Century Code 55-02-07; ND Century Code 55-03-01.1). The applicant shall be aware of the ND State burial law (ND Century code 23-06-27; Administrative Rule 40-02) and ensure compliance for any discovery of human remains within the permit request area.
- (K) The Contractor agrees that NDDOT's review of the utility relocation plans, specifications, calculations, and field inspections shall be solely for NDDOT purposes and not for the benefit of the Utility or any third party and shall not be deemed to mean that the Utility's design and construction is structurally sound and appropriate or meets applicable federal and state regulations, laws, or local ordinances, codes, or industry standards (collectively, "Requirements"). The Utility affirms that it has taken all of the actions necessary and required for the construction, operation, and maintenance of its facility authorized hereunder, including compliance with all Requirements."
- (L) Detailed location maps showing lateral offsets from roadway centerlines are required for a permit.

2

For State Use Only  
District Tracking Number

Please attach detail location map for each Utility Location. Use multiple utility locations when changing lateral offsets.

Highway Number <b>SH 1804</b>		Utility Location <input type="checkbox"/> Along or <input checked="" type="checkbox"/> Across	
Nearest City or Hwy Jct. <b>US2/SH 1804</b>		Direction (N, S, E, W) <b>South</b>	Approximate Miles From <b>3.86</b>
Begin	Reference Marker <b>328</b>	Direction (N, S, E, W) <b>South</b>	Longitudinal Offset (feet) <b>4620'</b>
	Direction From Centerline (N, S, E, W) <b>West</b>		Lateral Offset (feet) <b>100'</b>

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset
	<b>328.8750</b>			

End	Reference Marker <b>329</b>	Direction (N, S, E, W) <b>North</b>	Longitudinal Offset (feet) <b>655'</b>
	Direction From Centerline (N, S, E, W) <b>East</b>		Lateral Offset (feet) <b>100'</b>

$4620/5280 = 0.8750$

Highway Number <b>SH 1804</b>		Utility Location <input type="checkbox"/> Along or <input checked="" type="checkbox"/> Across	
Nearest City or Hwy Jct. <b>ND 58/SH 1804</b>		Direction (N, S, E, W) <b>East</b>	Approximate Miles From <b>4.5</b>
Begin	Reference Marker <b>337</b>	Direction (N, S, E, W) <b>North</b>	Longitudinal Offset (feet) <b>2794'</b>
	Direction From Centerline (N, S, E, W) <b>West</b>		Lateral Offset (feet) <b>100'</b>

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset
	<b>336.4392</b>			

End	Reference Marker <b>336</b>	Direction (N, S, E, W) <b>South</b>	Longitudinal Offset (feet) <b>2319'</b>
	Direction From Centerline (N, S, E, W) <b>East</b>		Lateral Offset (feet) <b>100'</b>

$2319/5280 = 0.4392$

Highway Number		Utility Location <input type="checkbox"/> Along or <input type="checkbox"/> Across	
Nearest City or Hwy Jct.		Direction (N, S, E, W)	Approximate Miles From
Begin	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)
	Direction From Centerline (N, S, E, W)		Lateral Offset (feet)

For State Use Only				
		Begin		End
Location Number	Reference Pt	Offset	Reference Pt	Offset

End	Reference Marker	Direction (N, S, E, W)	Longitudinal Offset (feet)
	Direction From Centerline (N, S, E, W)		Lateral Offset (feet)

\$100 1st time \$50 2nd time

\$150  
✓

ND-WI-202.900  
ND-WI-240.900  
SH 1804

**NOTICE:** The Recipient must comply with ALL applicable Federal, State and local laws, rules, regulations, codes, ordinances, etc., including, but not limited to North Dakota Century Code, Chapter 49-23. (ONE-CALL EXCAVATION NOTICE SYSTEM)

**INSTALLATION AND MAINTENANCE:** Installation and maintenance of said facilities on highway right of way shall conform to the following provisions:

1. Within thirty (30) days after construction, maintenance, relocation, or removal of said facilities, any right of way scars shall be removed and disturbed areas restored to original condition. Existing topsoil shall be removed prior to excavation and stockpiled until all disturbed areas are restored to original grade. The stockpiled topsoil shall be evenly and smoothly replaced over the areas disturbed by the trenches or pits.
2. Vehicles and other work equipment used to install or maintain said facilities within highway right of way shall, where possible, use established access points, service roads, driveways and approaches to enter or leave the outer portion of the right of way for the performance of necessary work operations. Such vehicles and work equipment shall not be parked on the through-traffic lanes or shoulders of the highway during installation or maintenance of said facilities. **The parking of equipment, vehicles, and storing of materials in the median on divided roadways is not permitted. On all roadways, parking and storing of materials may be permitted only if equipment, vehicles and material are located a minimum of 60 feet from the outside edge of the driving lane.**
3. Protection to the free and safe flow of the highway traffic shall be as required in accordance with the "Manual on Uniform Traffic Control Devices", current edition.
4. The Recipient will notify the District Engineer of the Department of Transportation forty-eight (48) hours prior to beginning this installation. Immediately following the final clean up of the area, the Recipient shall again notify the District Engineer of the Department of Transportation.
5. The Department of Transportation may not be the total fee owner and does not warrant the title to the highway right of way covered by the terms of this permit. The Recipient shall be responsible for reviewing the public records to determine ownerships and any encumbrances to the title of the properties covered by the terms of this permit.
6. Trenches and pits opened within the right of way shall be cut to O.S.H.A. Standards and shall be of minimum width necessary to accommodate installation of said facilities. **Trenches and Pits shall not be left open overnight, or unattended. Slopes shall not have more than a 2" drop off, all slopes shall be 4:1.**
7. Trenches and pits opened within the right of way shall be backfilled with the same material originally in place, compacted to a density equal to that of the adjacent undisturbed soil and restored to the original grade. The backfill shall be tamped in layers not exceeding six (6) inches in compacted thickness. Consolidation of the backfill by saturation or ponding is not permissible.

8. The pipeline shall have a minimum of thirty-six (36) inches of cover within highway right of way.
9. On longitudinal installations, where the buried cable or pipe is installed by plowing, the plowed ridges shall be mechanically compacted and made flush with the original ground.
10. Casing pipe, where installed, shall extend a minimum of two (2) feet beyond the toe of the highway inslopes. The casing pipe shall be sealed at both ends to prevent formation of a waterway through the casing.
11. The pipeline shall be installed under the surfaced section of the highway by boring or jacking pipe through the roadbed between the clear zone limits. Wet boring or jetting of the pipe under the roadway is not permissible.
12. The diameter of the hole for bored or jacked installations shall not exceed by more than one (1) inch the outside diameter of the facility. Oversized bores, overbreaks, and unused holes shall be backfilled with grout.
13. The location of the pipeline crossing shall be indicated by a marker post installed on each side of the highway at the right of way line. An identification sign shall be attached to one of the marker posts showing the name, address, and telephone number of the pipeline company.
14. The Department of Transportation shall be notified in advance of any proposed change in the type of transmittant carried by the pipeline, or any increase in the maximum working pressure specified in the application for the permit.
15. The casing pipe shall be continuous and shall extend a minimum of two (2) feet beyond the clear zone or two (2) feet beyond the toes of outer inslopes of the highway, whichever is further from the highway center line. The casing pipe shall be adequately sealed at both ends with suitable material that will prevent the formation of a waterway.
16. Casing is not required if approved extra wall thickness pipe is installed.
17. The Recipient shall indemnify, save, hold harmless, the State of North Dakota, its agencies, offices and employees, from any and all claims of any nature arising from any direct, indirect, or consequential damage to real property or business, including all costs, expenses, and attorney's fees, which may in any manner arise out of or result from this project.
18. The topsoil will be replaced on all disturbed areas and seeded as determined below (provide a temporary cover crop):

<b>Seed Class Mix Requirements</b>		
<b>Class II – Early Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>

Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	3.2
Green Needlegrass	Lodorm, AC Mallard, Fowler	2.4
Sideoats Grama	Killdeer, Pierre, Butte	3.6
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>23.8</b>

<b>Seed Class Mix Requirements</b>		
<b>Class II – Late Season</b>		
<b>Grass Species</b>	<b>Variety</b>	<b>Pounds Pure Live Seed Per Acre</b>
Western Wheatgrass	Rodan, Rosana, Walsh, Flintlock, W.R. Poole, Recovery	9.6
Switchgrass	Dacotah, Forestburg, or Sunburst, Summer	1.6
Green Needlegrass	Lodorm, AC Mallard, Fowler	3.6
Canada Wild-rye	Mandan	5.2
Slender Wheatgrass	Revenue, Primar, Adanac, Pryor, Firstrike	5.0
<b>Total</b>		<b>25.0</b>

BY

### 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 **\$250,000 per person and \$1,000,000 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.
- 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.

Dakota Access, LLC  
1300 Main St.  
Houston, TX 77002

Dear Permittee:

You have submitted to the North Dakota Department of Transportation (NDDOT), in connection with your certificate of insurance, additional pages or language on the certificate which either purports to limit or qualify the information reflected on the certificate of insurance or which purports to change, modify or amend your company's insurance policies. NDDOT policy is to not solicit, review or approve contractors' insurance policies, endorsements or amendments to insurance policies, or insurance documents other than properly completed certificates of insurance. NDDOT contracts specify that contractors are responsible for acquiring and maintaining specified coverages and proof of insurance.

Please have a company executive authorized to execute contract documents sign and date the statement below attesting that your company has insurance coverage consistent with the contract provisions and immediately fax and mail it back to us.

Be advised that execution of this contract will be delayed until these issues have been resolved.

Sincerely,

Joel M. Wilt  
Williston District Engineer

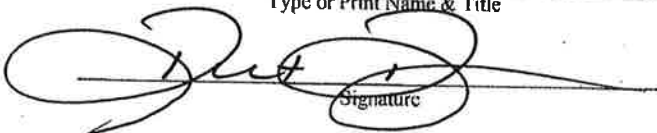
---

### UTILITY OCCUPANCY APPLICATION AND PERMIT

**Dakota Access, LLC;** states that the company has, and will maintain in force, insurance coverages (including proof of coverages) consistent with the contract specifications.

Date 2/24/16

ROBERT ROSE Vice President, Land and Right of Way  
Type or Print Name & Title *DRH*

  
Signature

RIMS #  
73090

D-WI-202.900  
7-111-744 9AA  
8H1804

**DRIVEWAY APPLICATION & PERMIT**

North Dakota Department of Transportation, Maintenance Division  
SFN 5918 (Rev. 06-2015)

Permit Number 1607

District Number 67

Applicant <b>DAKOTA ACCESS, LLC</b>		Telephone Number	
Address <b>1300 MAIN STREET</b>		City <b>Houston</b>	State <b>TX</b>
		ZIP Code <b>77002</b>	

**Driveway Information on State Highway Right of Way**

Number of Driveways <b>2 Temp</b>	<input type="checkbox"/> Pipeline <input checked="" type="checkbox"/> Construction	Direction	<input type="checkbox"/> N <input type="checkbox"/> S <input checked="" type="checkbox"/> E <input checked="" type="checkbox"/> W side of Route <b>1804</b>
Location <b>4580' south of MP 328 on SH 1804</b>			
Town	Highway <b>1804</b>	Junction	Mile Marker Number <b>328.8674</b>
Description of proposed work on state right of way and type of business served. <b>Temporary drive on each side of 1804 for pipeline construction</b>			

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.

These are temporary driveways that will be removed when pipeline construction is complete. Contact the District when removal is complete. No bridge structures, construct with earth only. Traffic Control is required and it must be removed during non-work hours everyday. *for*

APPLICANT:

ROBERT ROSE  
Name (Type or Print)  
*[Signature]*  
Signature  
**Vice President, Land and Right of Way**  
Title  
1/29/16  
Date

NORTH DAKOTA  
DEPARTMENT OF TRANSPORTATION

JOEL M. WILT  
District Engineer (Type or Print)  
*[Signature]*  
Signature  
3/29/16  
Date

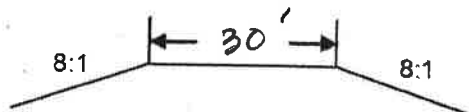
Permit granted:

Date

Construction shall be completed by:

Date 12/31/16

Sketch:



(Original to District File, copy to Applicant)

**ND-001-202,900**  
**SH 1804**

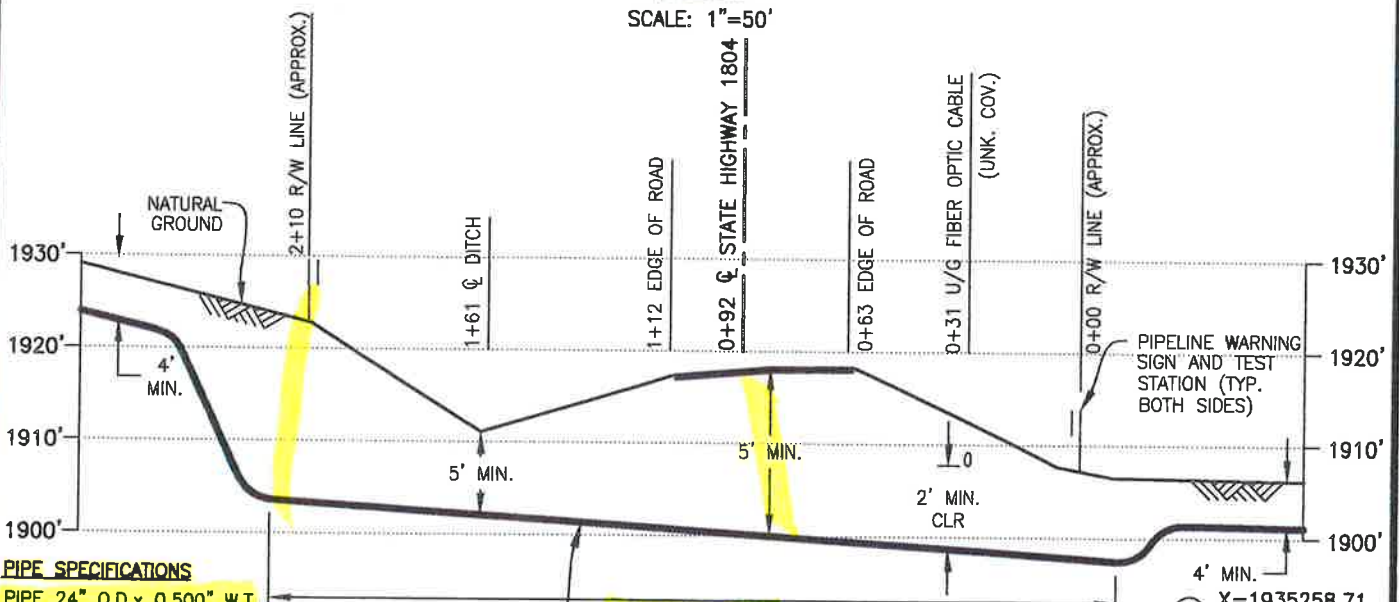
# WILLIAMS COUNTY, NORTH DAKOTA

## SECTION 10, TOWNSHIP 153 NORTH, RANGE 102 WEST



**PLAN**

SCALE: 1" = 50'



**PROFILE**

SCALE: 1" = 50' HORIZ.  
1" = 20' VERT.

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  STATE HIGHWAY 1804 AT STA. 0+92, ELEV. 1918.21'

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROPOSED 24" PIPELINE**

REV.	DATE	BY	DESCRIPTION	CHK.
E	12/10/15	PRV	ISSUED FOR USE/PERMIT	RC
D	10/30/15	JTM	ISSUED FOR USE/PERMIT	RC
C	10/09/15	PRV	ISSUED FOR USE/PERMIT	RC
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC



### PROPOSED 24" DAPL PIPELINE CROSSING STATE HIGHWAY 1804

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 01/09/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-202.900</b>	<b>E</b>
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

PROJECT NO. **10395700**

FILE: \\mus\mus\Projects\103957\Discipline\CAD\Drawings\93-Permit\North Dakota\IS COUNTY\103957-PB-ND-WI-202.900.dwg PLOT DATE: 12/15/2015 BY: MUJALLEM, MIKE

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 250.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 145 DR. NW located between the  
following Township and Range sections:

(S-8) (T-153N) (R-102W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-209.900  
145 DR NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 770-2319 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access LLC  
Applicant

Wanda [Signature] 3/15/16  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

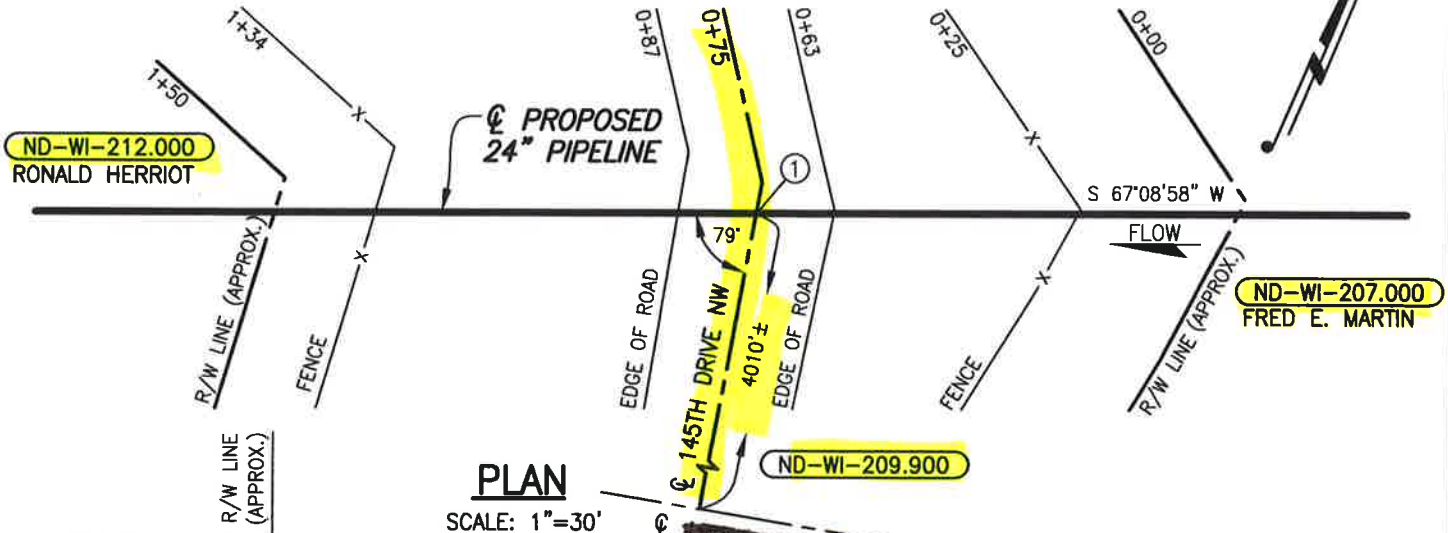
Date: 1/29/16

Phone: \_\_\_\_\_

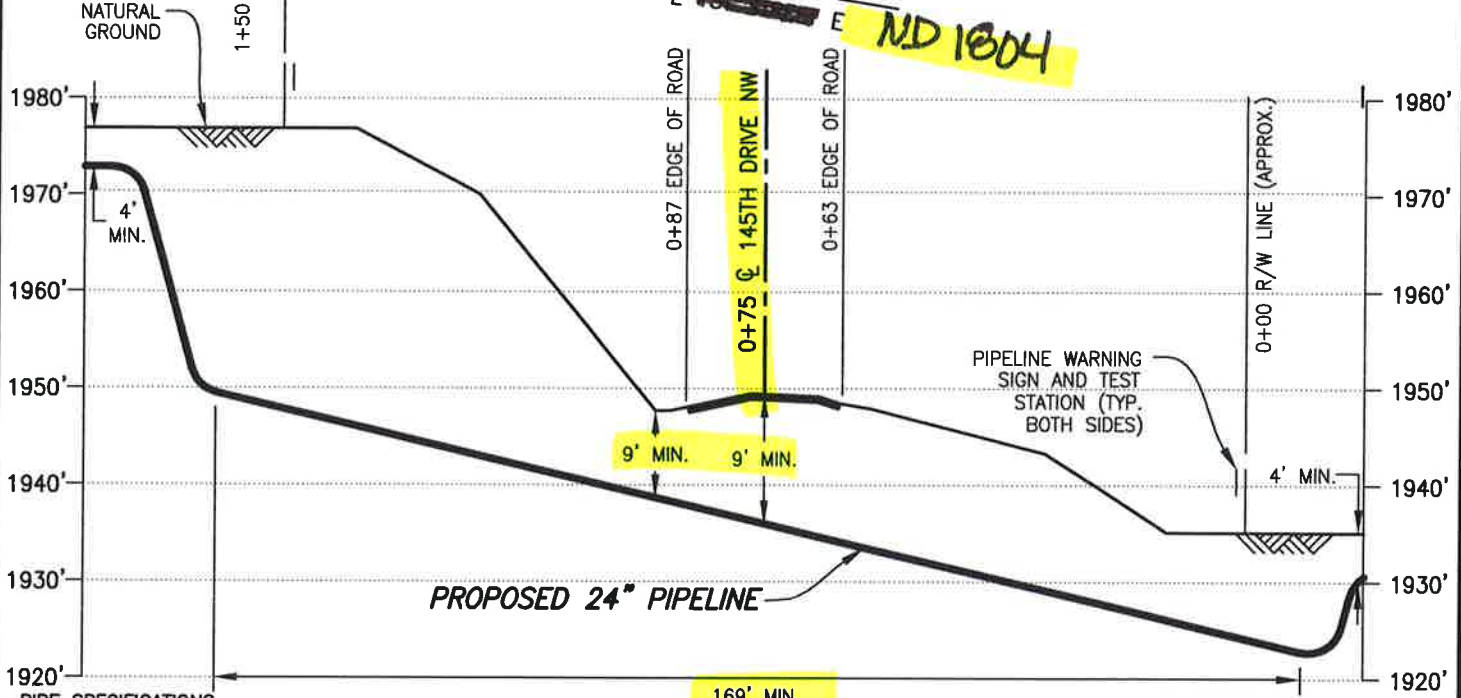
ND-WI-209.900  
145 DR NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTION 8, TOWNSHIP 153 NORTH, RANGE 102 WEST



**PLAN**  
SCALE: 1"=30'




**PROFILE**  
SCALE: 1"=30' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=1926194.91  
 Y=17474491.05  
**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: Q 145TH DRIVE NW  
 AT STA. 0+75, ELEV. 1949.57'

REV.	DATE	BY	DESCRIPTION	CHK.
C	08/25/15	PRV	ISSUED FOR USE/PERMIT	RC
B	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC
A	12/22/14	OP	ISSUED FOR REVIEW	

PROJECT NO. **10395700**


**DAKOTA ACCESS, LLC**

**PROPOSED 24" DAPL PIPELINE CROSSING  
145TH DRIVE NW**

WILLIAMS COUNTY NORTH DAKOTA


**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: OP	DATE: 12/05/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-209.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-WI-209.900.dwg PLOT DATE: 8/27/2015 BY: VILLARREAL, PHIL

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main STREET, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE oil Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 147 AVE NW located between the  
following Township and Range sections:

(S-13/18) (T-153N) (R-102/103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-W1-216.900  
147 Ave. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-2319 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Walter A. ... 3/15/16  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/22/16

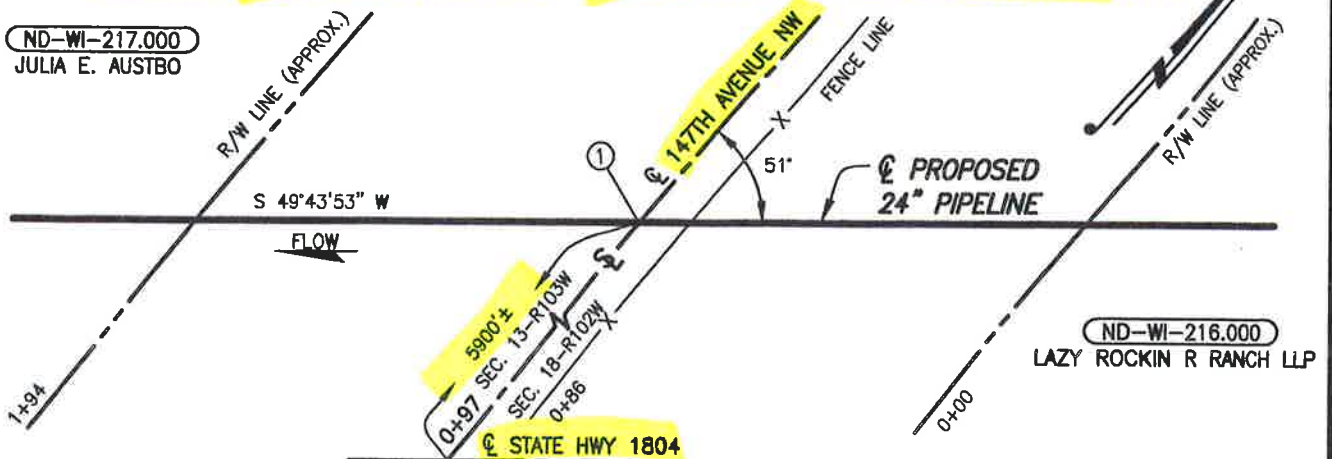
Phone: \_\_\_\_\_

ND-WI-216-900 Page 2  
147 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 13 & 18, TOWNSHIP 153 NORTH, RANGES 102 & 103 WEST

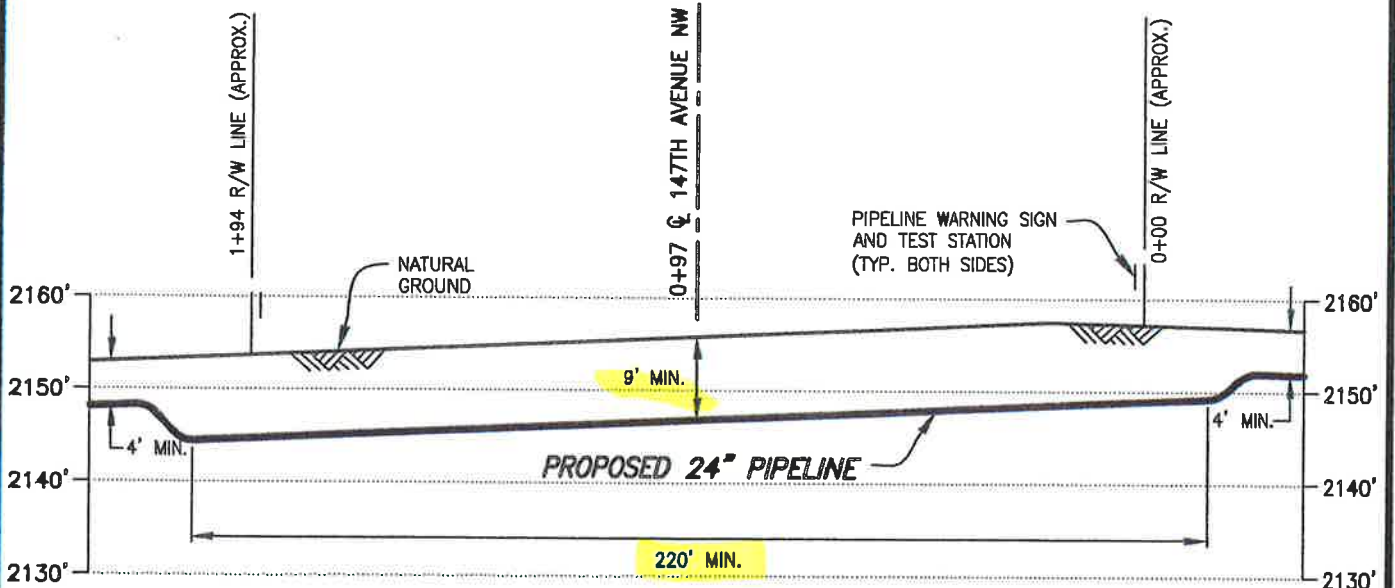
ND-WI-217.000  
JULIA E. AUSTBO



ND-WI-216.900

## PLAN

SCALE: 1"=40'



## PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=1918287.02  
Y=17469602.51

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: 147TH AVENUE NW AT STA. 0+97, ELEV. 2155.75'

**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: OPEN CUT  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1 -216.900.dwg PLOT DATE: 2/28/2015 BY: MADAMBA, JOEY

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 24" DAPL PIPELINE CROSSING 147TH AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-216.900	A
SCALE: AS SHOWN	APP.:		

# Trenton Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Trenton Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main STREET, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE oil Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 147 AVE NW located between the  
following Township and Range sections:

(S - 13/18) (T - 153N) (R - 102/103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-W1-216.900  
147 Ave. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 770-2319 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Trenton TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

W. J. ... 3/15/16  
Trenton Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/22/16

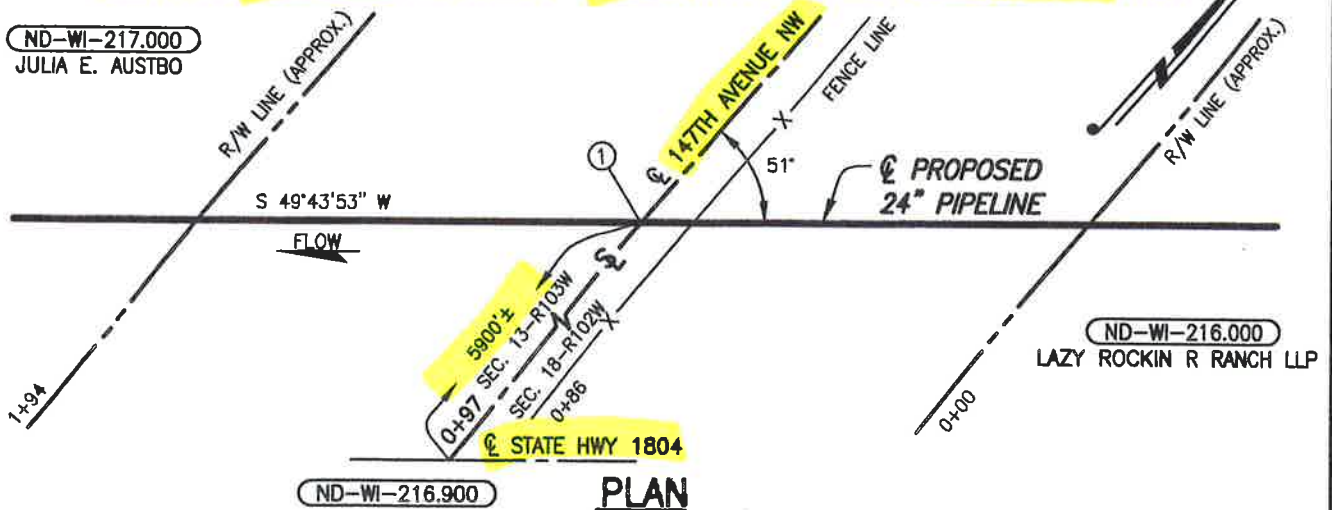
Phone: \_\_\_\_\_

ND-WI-216-900  
147 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 13 & 18, TOWNSHIP 153 NORTH, RANGES 102 & 103 WEST

ND-WI-217.000  
JULIA E. AUSTBO

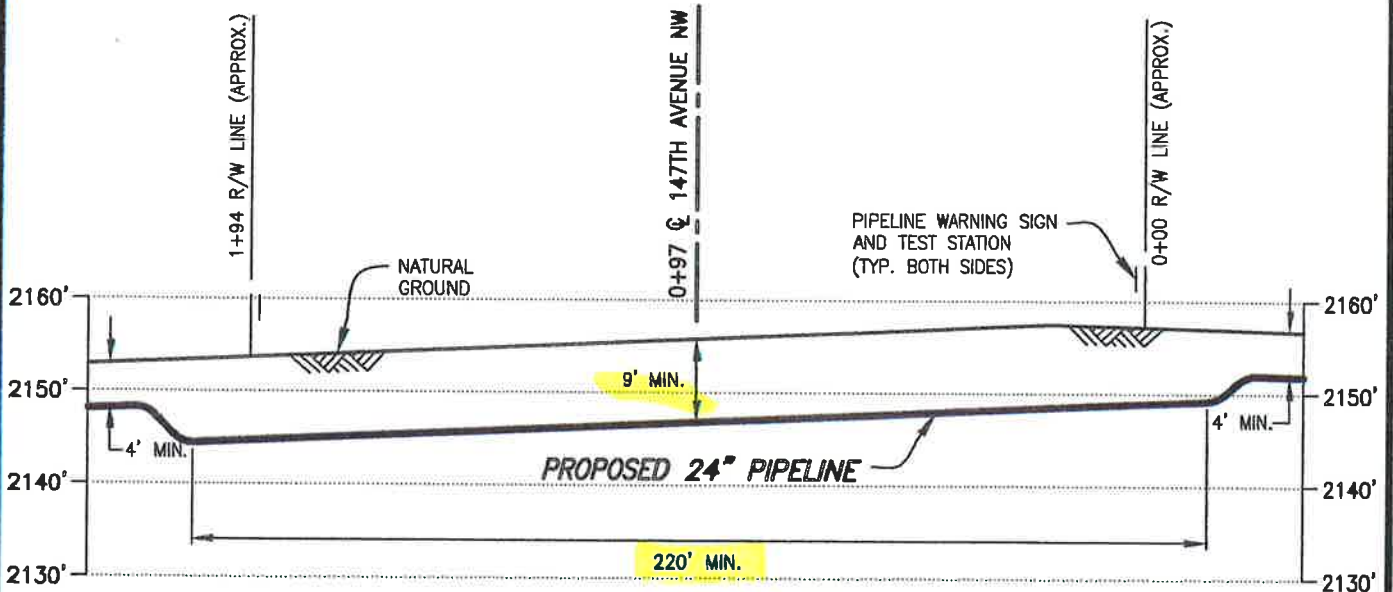


ND-WI-216.000  
LAZY ROCKIN R RANCH LLP

ND-WI-216.900

## PLAN

SCALE: 1"=40'



### PIPE SPECIFICATIONS

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: OPEN CUT  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

### PROFILE

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

① X=1918287.02  
Y=17469602.51

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.: ☉ 147TH AVENUE NW AT STA. 0+97, ELEV. 2155.75'

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1 -216.900.dwg PLOT DATE: 2/28/2015 BY: MADAMEA, JOEY

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

## PROPOSED 24" DAPL PIPELINE CROSSING 147TH AVENUE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-216.900	A
SCALE: AS SHOWN	APP.:		

# Hardscrabble Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Hardscrabble Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 147 AVE NW located between the  
following Township and Range sections:

(S-13/18) (T-153N) (R-102/103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-216.900 Page 1  
147 AVE NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3322 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY Hardscrabble TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Hardscrabble TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Wicki Hollan  
Hardscrabble Township

By: [Signature]  
Vice President, Land and Right of Way  
Phone: \_\_\_\_\_

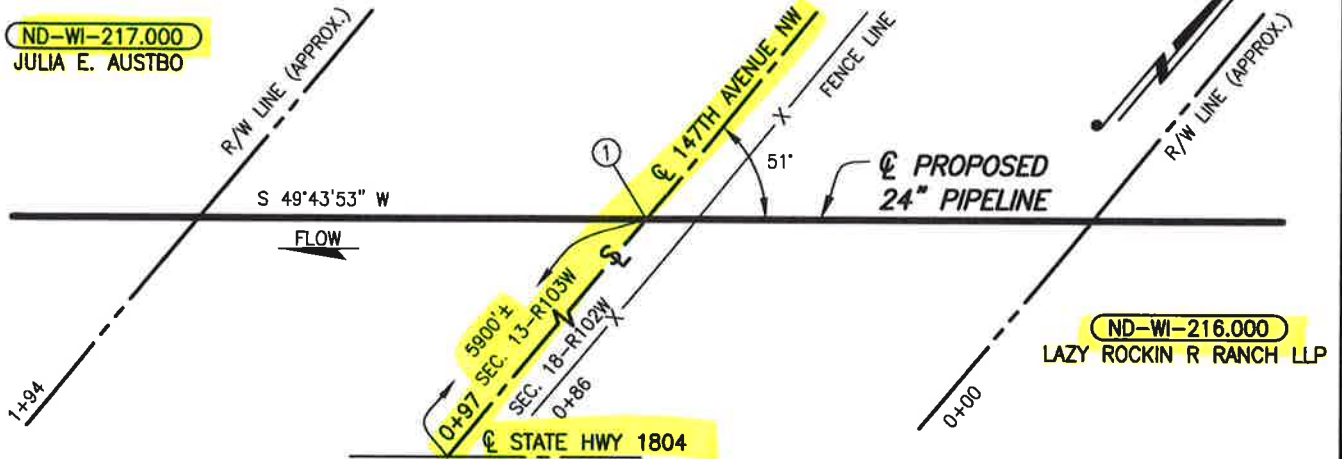
Date: 1/29/14

ND-01-216.900  
147 AVE NW

# WILLIAMS COUNTY, NORTH DAKOTA

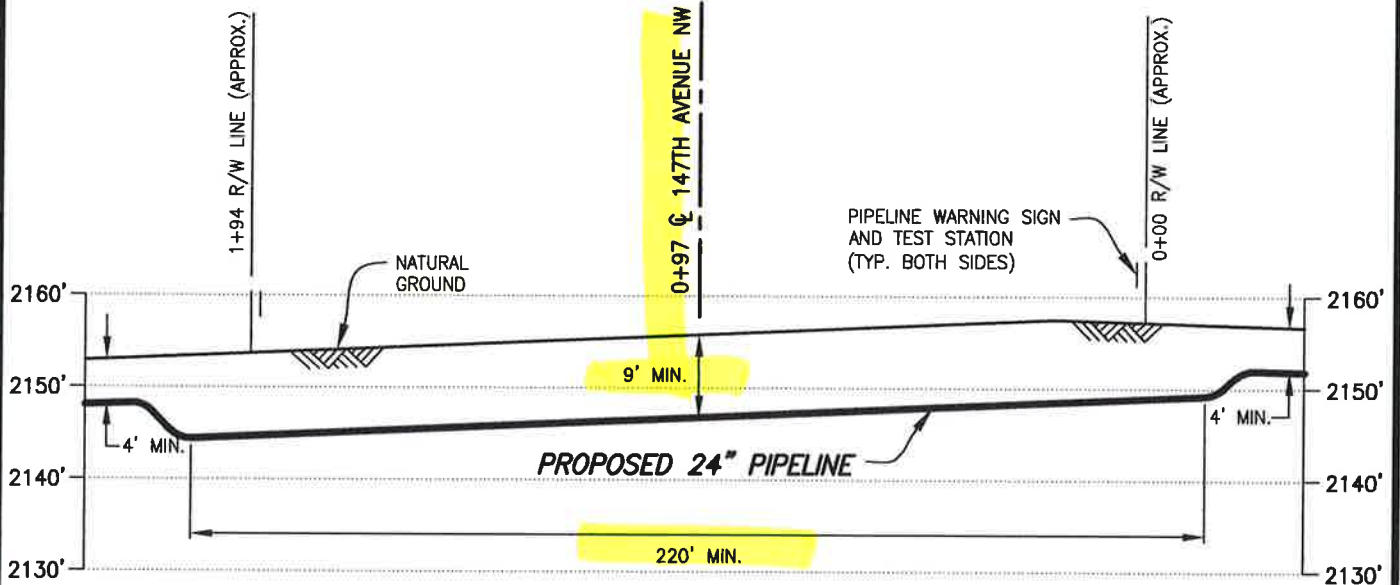
SECTIONS 13 & 18, TOWNSHIP 153 NORTH, RANGES 102 & 103 WEST

ND-WI-217.000  
JULIA E. AUSTBO



ND-WI-216.000  
LAZY ROCKIN R RANCH LLP

ND-WI-216.900 **PLAN**  
SCALE: 1"=40'



**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: OPEN CUT  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=40' HORIZ.  
 1"=20' VERT.

① X=1918287.02  
Y=17469602.51

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: 147TH AVENUE NW  
 AT STA. 0+97, ELEV. 2155.75'

REV.	DATE	BY	DESCRIPTION	CHK.
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

**PROPOSED 24" DAPL PIPELINE CROSSING  
147TH AVENUE NW**

PROJECT NO. **10395700**

WILLIAMS COUNTY NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: OP	DATE: 12/15/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-216.900</b>	<b>A</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-WI-216.900.dwg PLOT DATE: 2/28/2015 BY: MADAMBA, JOEY

# Hardscrabble Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Hardscrabble Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 44 Lane NW located between the  
following Township and Range sections:  
(S-24) (T-153N) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-221.900  
44 Lane NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3322 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY Hardscrabble TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Hardscrabble TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Richi Holla  
Hardscrabble Township

By: [Signature]  
Vice President, Land and Right of Way

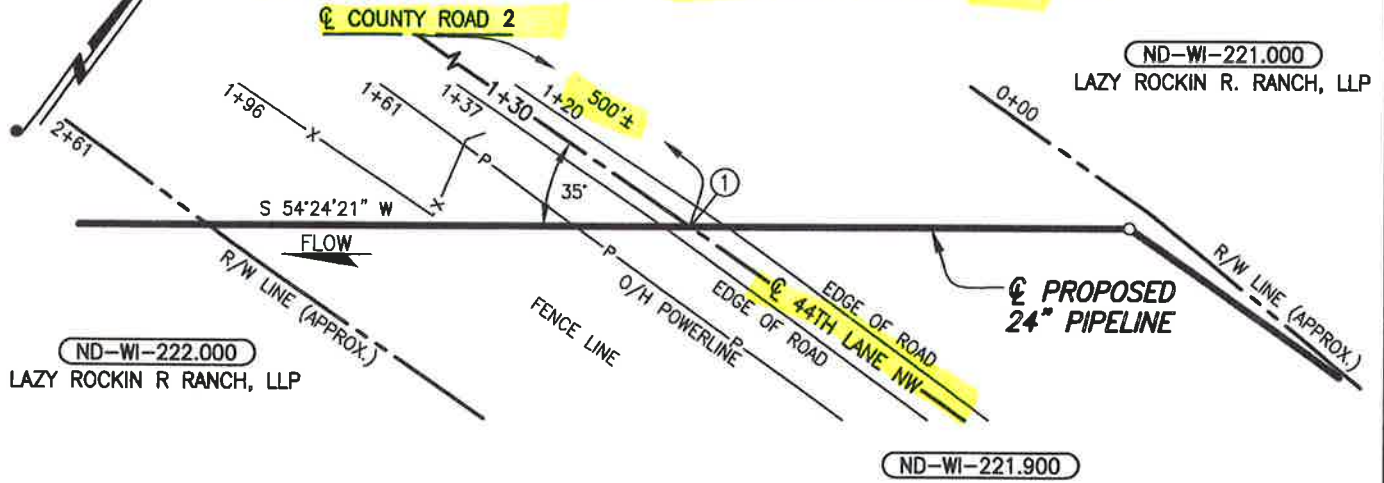
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-221.900  
44 Lane NW

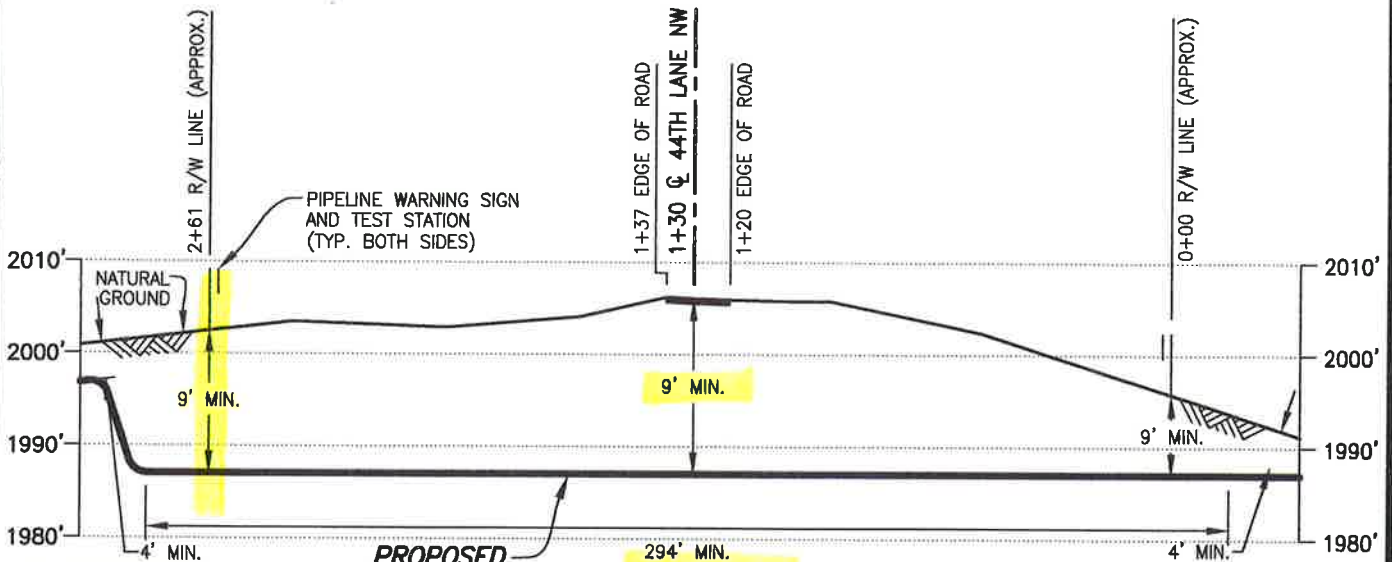
# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 24, TOWNSHIP 153 NORTH, RANGE 103 WEST



### PLAN

SCALE: 1"=50'



### PROPOSED 24" PIPELINE

### PROFILE

SCALE: 1"=50' HORIZ.  
1"=20' VERT.

① X=1913563.70  
Y=17466037.17

#### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  44TH LANE NW  
AT STA. 1+30, ELEV. 2006.06'

**PIPE SPECIFICATIONS**  
PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	12/10/15	PRV	ISSUED FOR USE/PERMIT	RC
B	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	03/30/15	OP	ISSUED FOR USE/PERMIT	PA

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 24" DAPL PIPELINE CROSSING 44TH LANE NW

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: PRV	DATE: 03/11/15	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	ND-WI-221.900	C
SCALE: AS SHOWN	APP.:		

FILE: R:\Pr 103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-1.900.dwg PLOT DATE: 12/11/2015 BY: VILLARREAL, PHIL



PERMIT NO. 11-2-07-1548

**COUNTY ROAD CROSSING PERMIT**  
**FEE - \$250.00 PER PERMIT**  
**(PLEASE MAKE NO PAYMENT UNTIL**  
**YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Williams County Commission board, or its representative, hereby grants permission to DAKOTA ACCESS, LLC whose address is 1300 main STREET, Houston, TX 77002

to Bore (place or bore) a 24" crude oil pipeline (Applicant)

through the county road driving surface and across the drainage ditches and right-of-way of County Highway No. 2 located between the following Township and Range sections:

(S-23|24) (T-153N) (R-103W)  
HARD SCRABBLE (23 + 24)

Applicant shall be responsible to leave site in same condition as before crossing was made and repair any damages resulting from crossing.

Applicant shall promptly remove said facilities from highway right-of-way, or shall relocate or adjust said facilities, at its sole cost and expense when requested to do so by the Board or their representative. The County shall not be held liable for damage to

ND-WI-223.900  
CR #2

said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Applicant shall mark crossing site with post and sign on each side of roadway. Signs shall be placed on County right-of-way line.

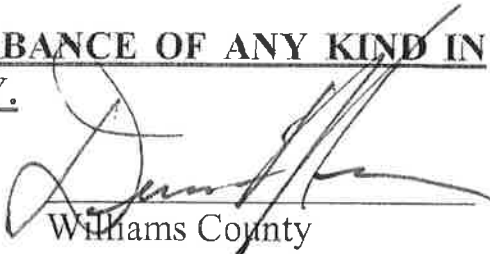
Please notify County Highway as to when work will start and finish, (701)577-4521. The contractor MUST have a copy of the permit and the cross section on site at all times.


**ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1<sup>ST</sup> TIME THEY ARE WITHOUT A PERMIT, THE 2<sup>ND</sup> TIME, THE FEE WILL BE \$5,000.00.**

**WHEN REQUESTED BY WILLIAMS COUNTY, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN WILLIAMS COUNTY EASEMENT AREA.**

**THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE COUNTY RIGHT-OF-WAY.**

Dakota Access, LLC  
Applicant

  
Williams County

By   
Vice-President, Land and Right of Way

Date: 1/22/14

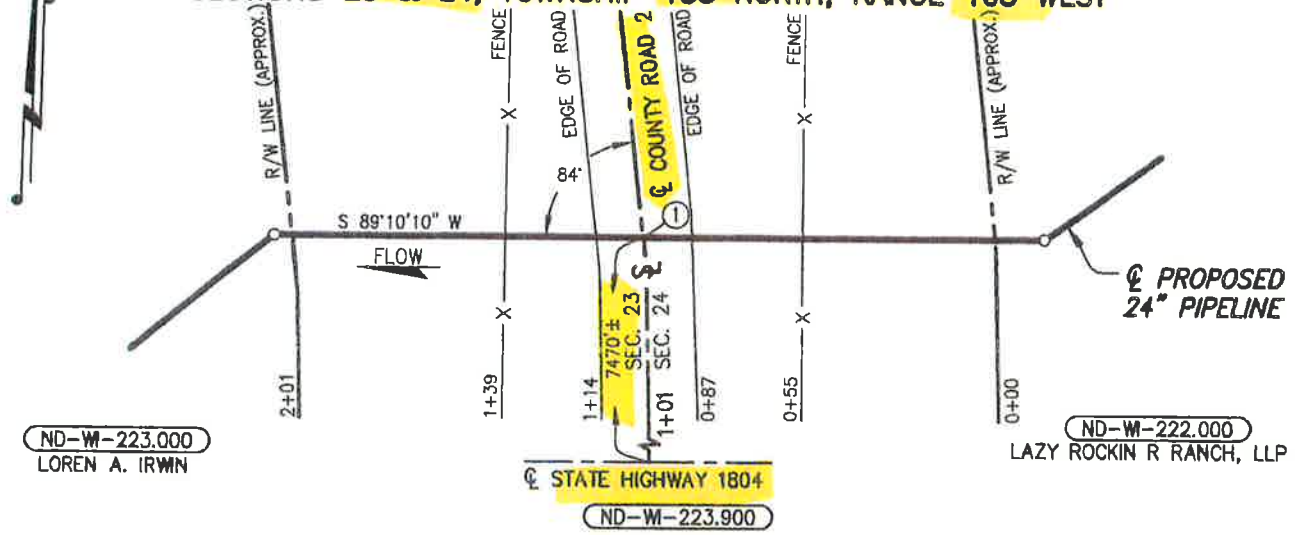
Phone \_\_\_\_\_

100'

ND-W1-223.900  
CE #2

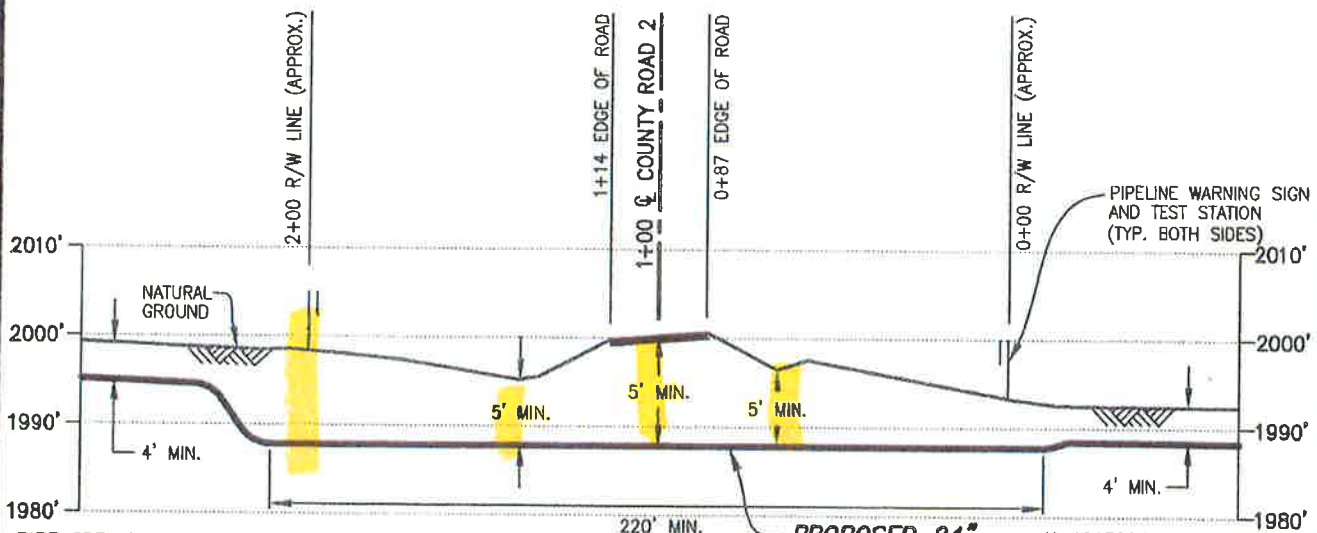
# WILLIAMS COUNTY, NORTH DAKOTA

SECTIONS 23 & 24, TOWNSHIP 153 NORTH, RANGE 103 WEST



## PLAN

SCALE: 1"=50'



## PROFILE

SCALE: 1"=50' HORIZ.  
1"=20' VERT.

### PIPE SPECIFICATIONS

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

① X=1913064.61  
Y=17465760.17

### DATUM:

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.: EDGE OF COUNTY ROAD 2 AT STA. 1+13, ELEV. 2000.65'

REV.	DATE	BY	DESCRIPTION	CHK.
B	04/15/15	RG	ISSUED FOR USE/PERMIT	
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 24" DAPL PIPELINE CROSSING COUNTY ROAD 2 (44TH LANE NW)

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/22/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-223.900	B
SCALE: AS SHOWN	APP.:		

-223.900.dwg PLOT DATE: 4/15/2015 BY: VILLARREAL, PHIL

as\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-

FILE: R:



April 1, 2013

To Whom It May Concern:

Due to the construction that is planned on being done in Williams County, ALL WILLIAMS COUNTY PERMITS will have the following clause:

All new utilities or pipelines along the proposed construction areas, along with any township roads or section lines, may need to be relocated or adjusted at the owner's expense. We ask that you place your proposed pipeline at least 100' out from the centerline on each side of the road, and we are not sure on placement of bridges at this time.

Signed by:  
Company Name:

DAKOTA ACCESS, LLC

Owner or Representative:

ROBERT ROSE  
Print Name

Permit # 11-2-07-1548

  
Signature

Invoice # 8859

(713) 989-2864  
Phone Number

Co. Rd # 2

2/24/14  
Date

Township HARD SCRABBLE

**WILLIAMS COUNTY APPROACH PERMIT**

APPROACH PERMIT FEE \$100.00

STOP SIGN FEE \$150.00 (Williams County will do the installing and maintenance on stop signs at the owner's expense - (FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR))

WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!

TOTAL PERMIT FEE DUE: \$1100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # <u>11-2-08-697</u>  Williams County Highway Dept. PO Box 1305 Williston ND 58802-1305 Phone: (701)577-4521 <a href="mailto:rhondaw@co.williams.nd.us">rhondaw@co.williams.nd.us</a>  <b>ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS</b>
---

Owner Dakota Access, LLC

Address 1300 Main Street, Houston, TX 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name Huendscoble Section-Township-Range (S-24)(T-153N)(R-103W)

Location in Section SW 1/4 of Section 24

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_

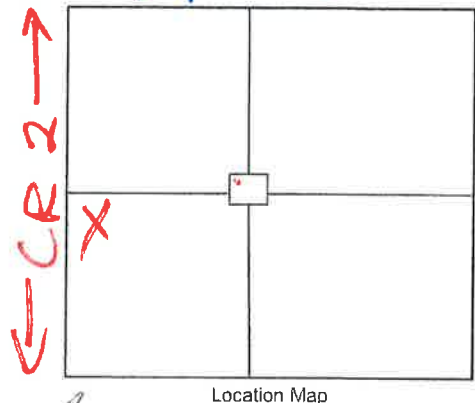
Accessing: County Road 2  
(The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) 18" CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: 18" CMP culvert required.



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Roger Rose  
Owner/Applicant (Print and Sign)

[Signature]  
Williams County Authorized Signature

Phone Number \_\_\_\_\_  
Williams County Highway Agency

1/29/16  
Date

3/1/16  
Date

ND-W1-223-900  
CR #2  
EAST SIDE

## WILLIAMS COUNTY APPROACH PERMIT

**APPROACH PERMIT FEE \$100.00**

**STOP SIGN FEE \$150.00** (Williams County will do the installing and maintenance on stop signs at the owner's expense - **(FEE WILL BE DETERMINED BY WILLIAMS COUNTY SUPERVISOR)**)

**WE WILL CONTACT YOU WITH THE FEE; DO NOT ATTACH ANY MONEY OR CHECKS!**

**TOTAL PERMIT FEE DUE:** \$100.00

(AMOUNT WILL BE FILLED IN BY WILLIAMS COUNTY)

Permit # 11-2-08-196

Williams County Highway Dept.  
 PO Box 1305  
 Williston ND 58802-1305  
 Phone: (701)577-4521  
[rhondaw@co.williams.nd.us](mailto:rhondaw@co.williams.nd.us)

**ANY APPROACH INSTALLED WITHOUT PERMIT - 1st OFFENSE \$1,000.00 FEE; 2nd OFFENSE \$5,000.00 FEE NO EXCEPTIONS**

Owner Dakota Access, LLC

Address 1300 main street, Houston, Tx 77002

Home Phone \_\_\_\_\_

Alternate Phone \_\_\_\_\_

Contactor \_\_\_\_\_

Contractor Phone # \_\_\_\_\_

Township Name HARRIS SCRABBLE

Section-Township-Range (S-23)(T-153N)(R-103W)

Location in Section SE 1/4 of Section 23

Rig Location: \_\_\_\_\_ Rig Name \_\_\_\_\_

Approach Type:  New  Improved  Temporary  Other \_\_\_\_\_

Approach Use:  Residential  Commercial  Field Access  Other pipeline

Additional Information \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

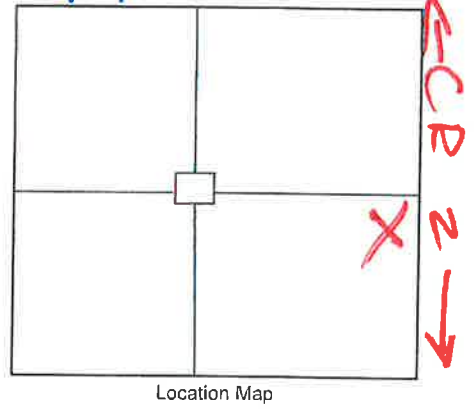
Accessing: County Road #2  
 (The part of the approach that meets the County Road **MUST** be one (1) foot below the shoulder of the County Road.)

Approach Width (20' min - 30' max) (25 ft rad max) \_\_\_\_\_

Culvert Required:  No  Yes Size(18 inch min) \_\_\_\_\_ CMP

**\*\*CULVERTS MUST BE STEEL OR CONCRETE-NO PLASTIC ALLOWED\*\***

Remarks: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



I, the owner/applicant of the above mentioned property/project, agree to construct the approach for the property noted above, as required by the attached minimum standards and any additional conditions noted above. I also agree that if I don't follow the standards, the Authorizing Agency may construct the approach as needed, or cancel this permit and remove the driveway and charge all costs to the owner/applicant. This permit must be on site with the contractor during construction.

Rogert [Signature]  
 Owner/Applicant (Print and Sign)

[Signature]  
 Williams County Authorized Signature

Phone Number \_\_\_\_\_  
 Williams County Highway Agency

1/29/16  
 Date

3/1/16  
 Date

ND-WI-223.900  
CR #2  
WEST SIDE

# Hardscrabble Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Hardscrabble Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 42 1/2 ST. NW located between the  
following Township and Range sections:

(S-34) (T-153N) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-231.910  
42 1/2 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 570-3322 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY Hardscrabble TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Hardscrabble TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Shirley Heller  
Hardscrabble Township

By: [Signature]  
Vice President, Land and Right of Way

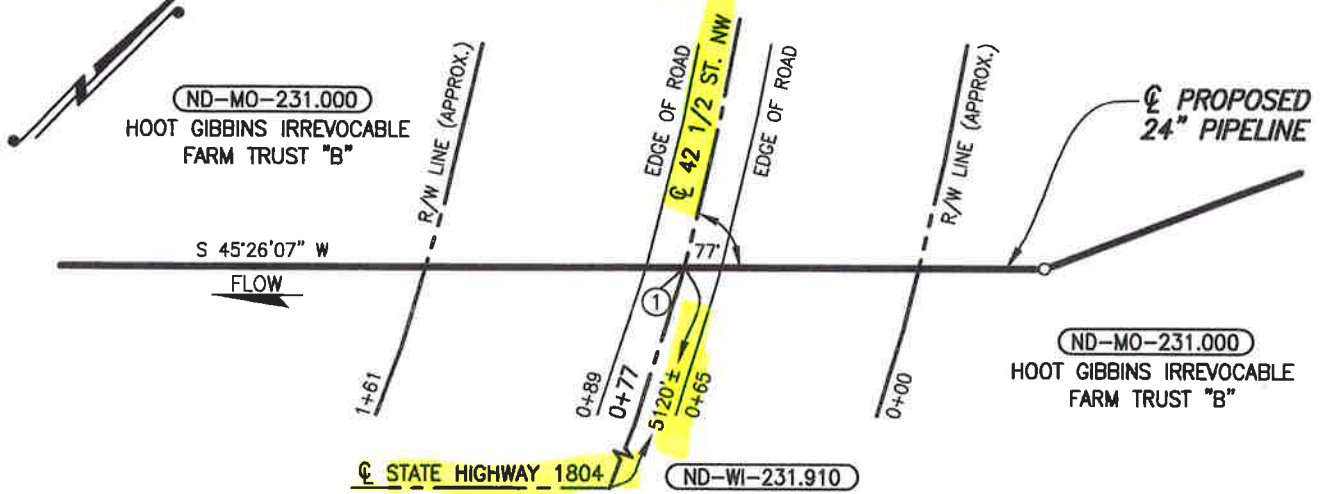
Date: 1/29/16

Phone: \_\_\_\_\_

ND-W1-231.910  
42 1/2 St. NW

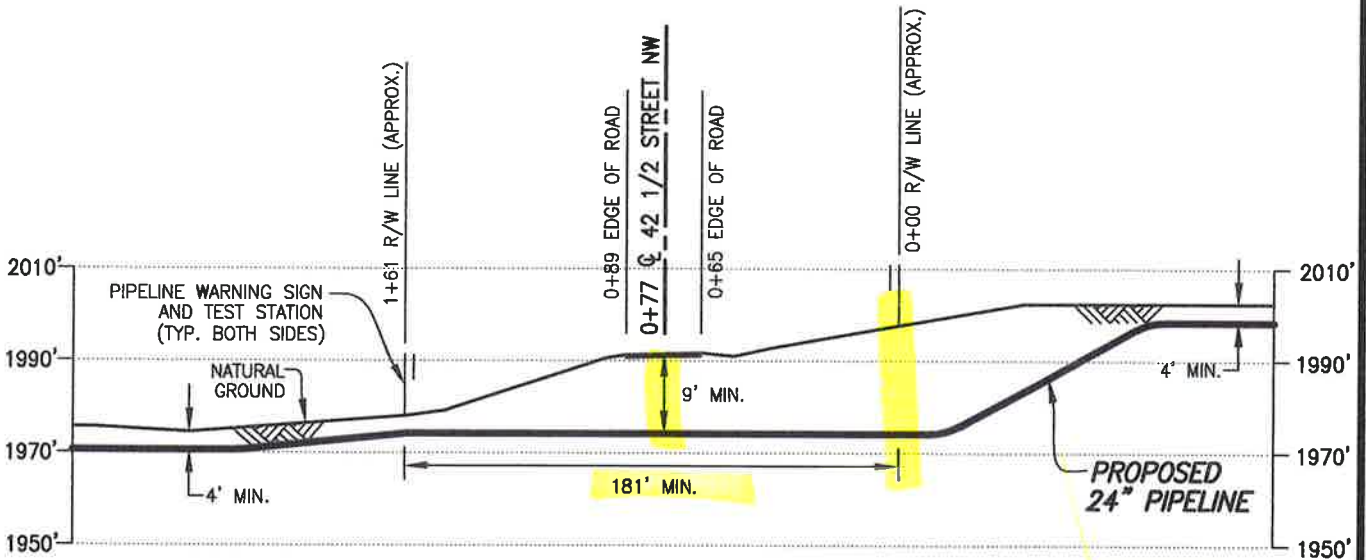
# WILLIAMS COUNTY, NORTH DAKOTA

SECTION 34, TOWNSHIP 153 NORTH, RANGE 103 WEST



## PLAN

SCALE: 1"=60'



## PROFILE

SCALE: 1"=60' HORIZ.  
1"=40' VERT.

① X=1905728.59  
Y=17457598.14

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  42 1/2 STREET NW AT STA. 0+77, ELEV. 1991.47'

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
B	12/10/15	OP	ISSUED FOR USE/PERMIT	RC
A	03/02/15	PRV	ISSUED FOR USE/PERMIT	RC

PROJECT NO. 10395700



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

### PROPOSED 24" DAPL PIPELINE CROSSING

**42 1/2 STREET NW**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: SGB	DATE: 02/27/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	ND-WI-231.910	B
SCALE: AS SHOWN	APP.:		

FILE: R:\Pro. 03957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-1 .910.dwg PLOT DATE: 12/11/2015 BY: PALACIOS, OSCAR

# Hardscrabble Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 250.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Hardscrabble Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 main street, Houston, Tx. 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" crude oil pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 42 St. NW located between the  
following Township and Range sections:  
(S-6/34)(T-152/153)(R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-W1-235.900  
42 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish,  
(701) 570-3322 The contractor MUST have a copy of the permit and  
the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES  
OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT  
WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY  
ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL  
BE \$5,000.00.

WHEN REQUESTED BY Hardscrabble TOWNSHIP, THE  
OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE-  
LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR  
PIPELINE IN Hardscrabble TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN  
THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Vicki Heller  
Hardscrabble Township

By: [Signature]  
Vice President, Land and Right of Way

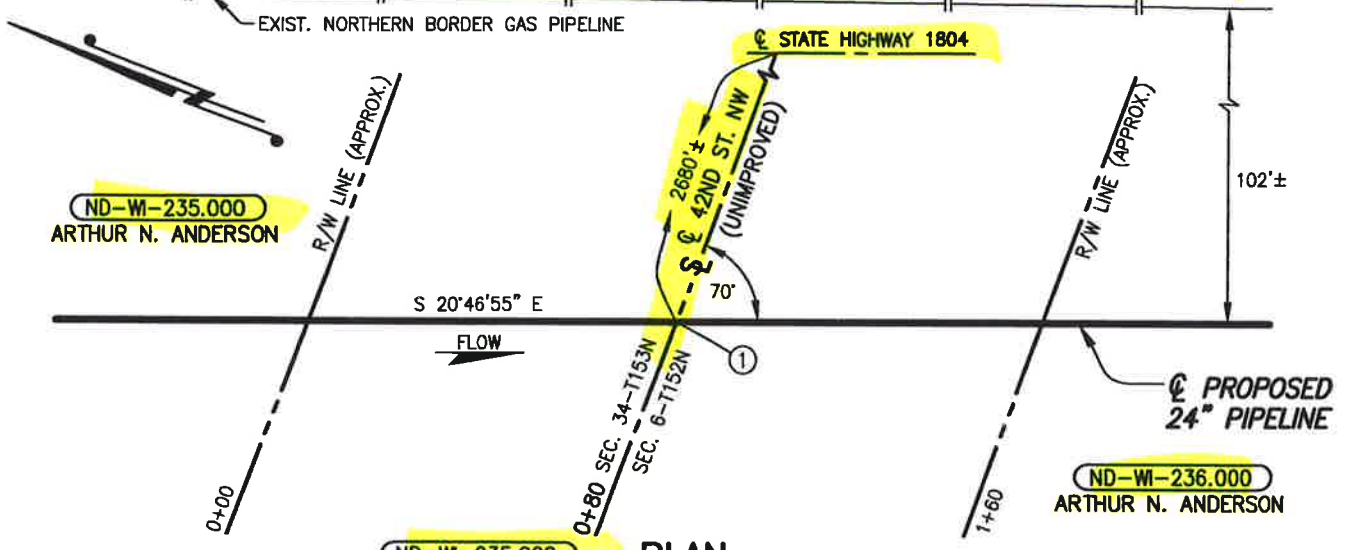
Date: 1/20/14

Phone: \_\_\_\_\_

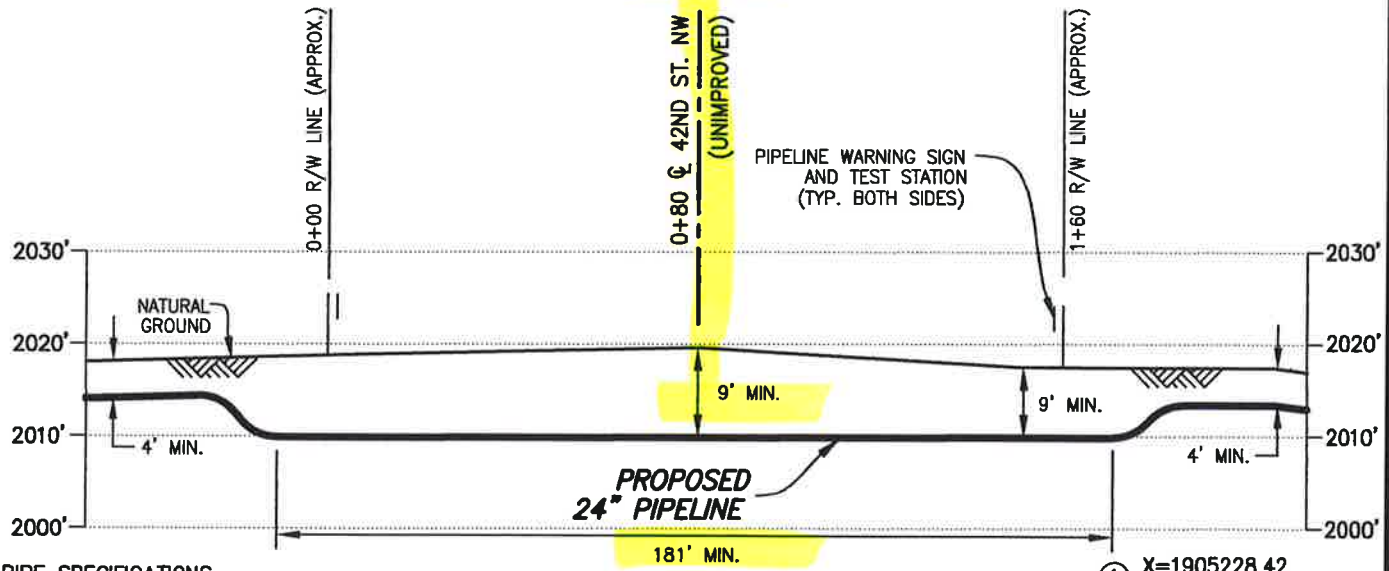
ND-WI-235900  
42 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

**SECTIONS 6 & 34, TOWNSHIPS 152 & 153 NORTH, RANGE 103 WEST**



**PLAN**  
SCALE: 1"=40'



**PROFILE**  
SCALE: 1"=40' HORIZ.  
1"=20' VERT.

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  42ND STREET NW (UNIMPROVED) AT STA. 0+80, ELEV. 2019.59'

**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

REV.	DATE	BY	DESCRIPTION	CHK.
C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	04/15/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC

PROJECT NO. **10395700**



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C



DAKOTA ACCESS, LLC

**PROPOSED 24" DAPL PIPELINE CROSSING  
42ND STREET NW (UNIMPROVED)**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: DAV	DATE: 02/27/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-235.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\Projects\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-WI-235.900.dwg PLOT DATE: 5/6/2015 BY: VILLARREAL, PHIL

# Buford Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 500.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Buford Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 42 St. NW located between the  
following Township and Range sections:  
(S-6/34) (T-152/153W) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-235.900  
42 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-1728 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Buford TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Doug Hoffman  
Buford Township

By: [Signature]

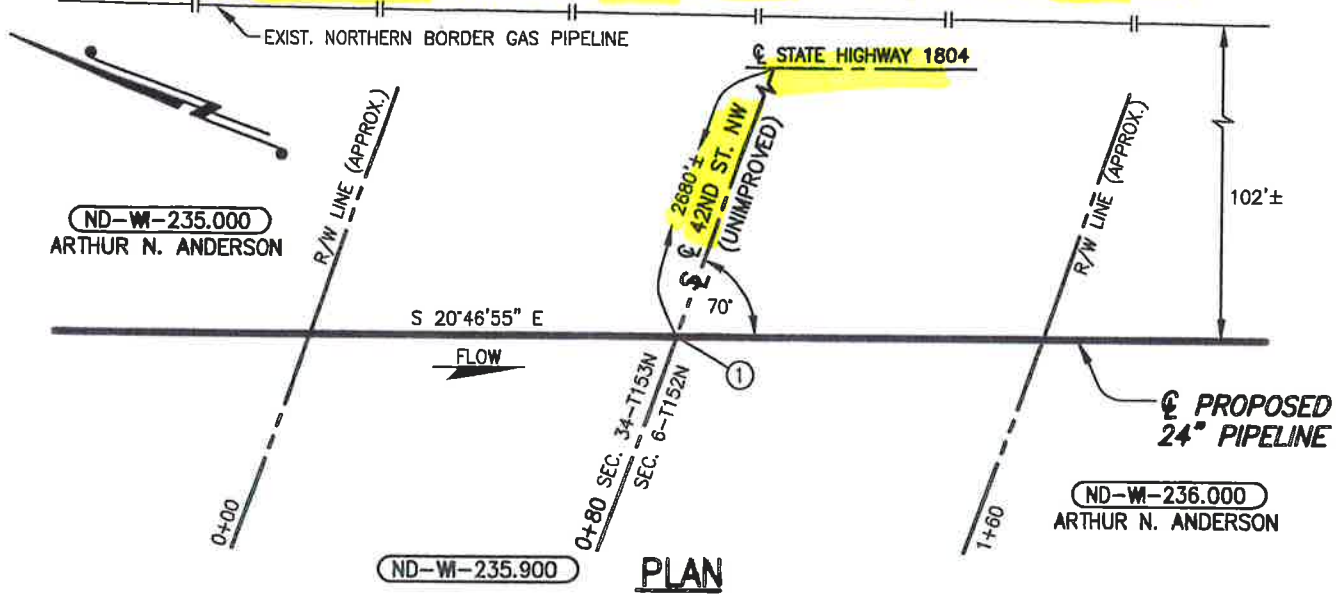
Date: 1/29/16

Phone: \_\_\_\_\_ Vice President, Land and Right of Way

ND-WV-235.900  
42 St. NW

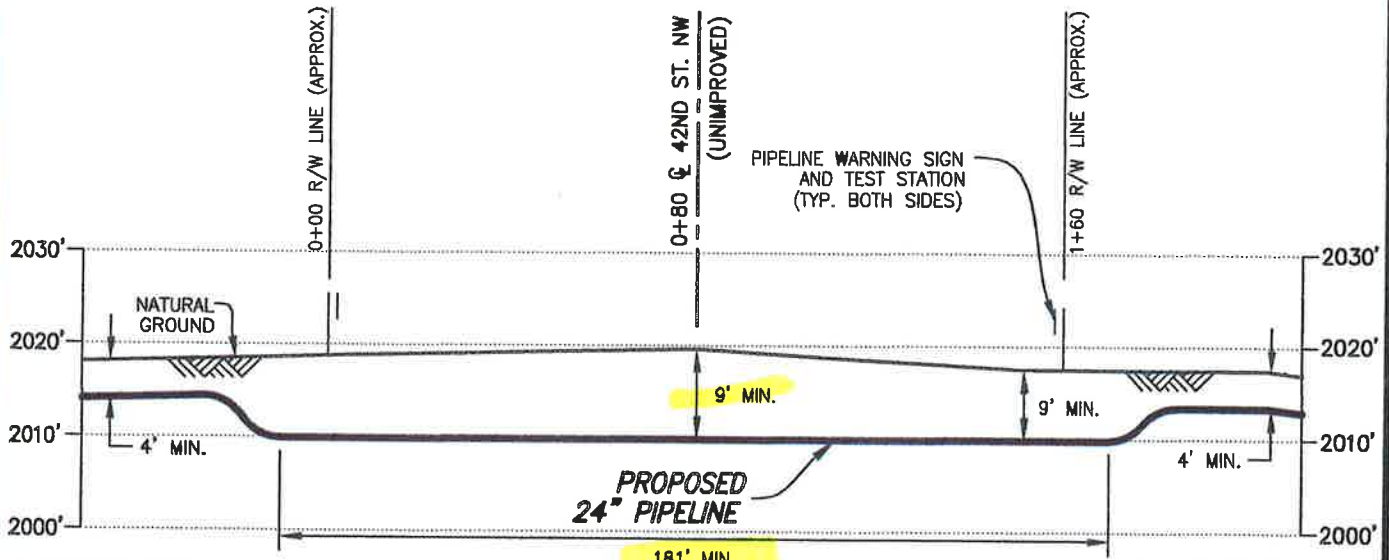
# WILLIAMS COUNTY, NORTH DAKOTA

**SECTIONS 6 & 34, TOWNSHIPS 152 & 153 NORTH, RANGE 103 WEST**



**PLAN**

SCALE: 1"=40'



**PROFILE**

SCALE: 1"=40' HORIZ.  
1"=20' VERT.

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET  
T.B.M.:  $\odot$  42ND STREET NW (UNIMPROVED) AT STA. 0+80, ELEV. 2019.59'

**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: BORE  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	04/15/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC
REV.	DATE	BY	DESCRIPTION	CHK.



**PROPOSED 24" DAPL PIPELINE CROSSING 42ND STREET NW (UNIMPROVED)**

WILLIAMS COUNTY NORTH DAKOTA

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: DAV	DATE: 02/27/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-235.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-1 235.900.dwg PLOT DATE: 5/6/2015 BY: VILLARREAL, PHIL

# Buford Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

## TOWNSHIP ROAD CROSSING PERMIT FEE - \$ 500.00 PER PERMIT

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Buford Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, Tx 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL PIPELINE  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 42 St. NW located between the  
following Township and Range sections:  
(S-6/34) (T-152/153W) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-235.900  
42 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-1728 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Buford TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Kenneth Hudson Chair  
Buford Township

By: [Signature]

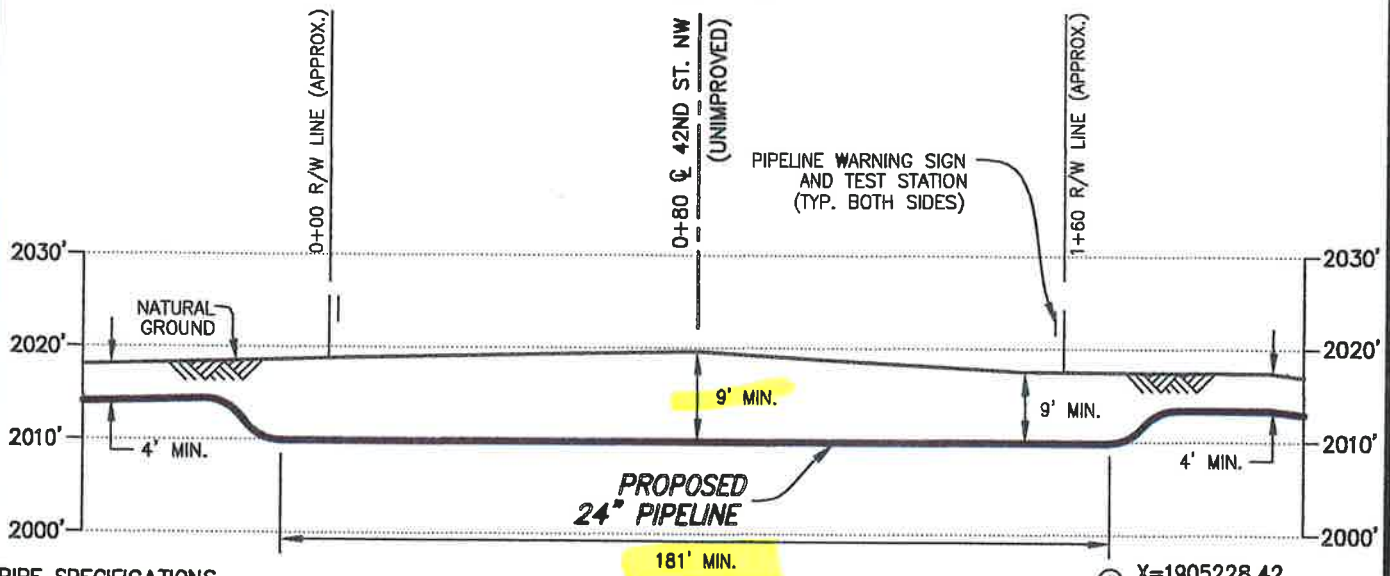
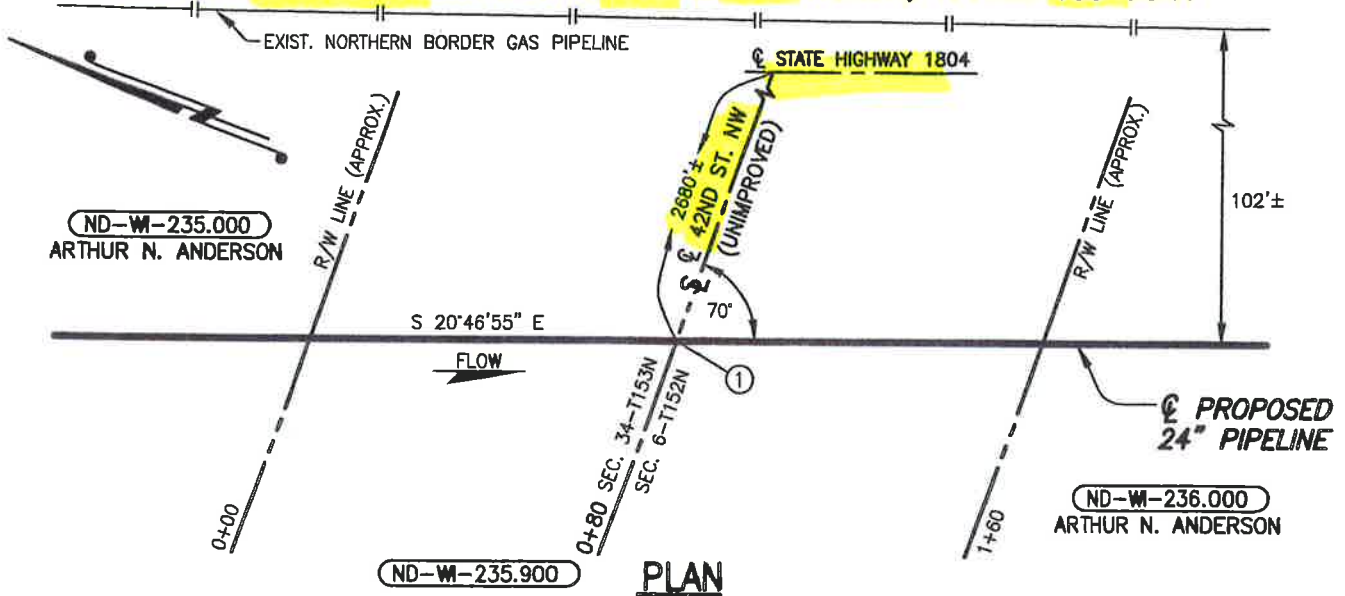
Date: 1/29/16

Phone: \_\_\_\_\_  
Vice President, Land and Right of Way

ND-01-235.900  
42 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

**SECTIONS 6 & 34, TOWNSHIPS 152 & 153 NORTH, RANGE 103 WEST**



**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**DATUM:**

ALL ELEVATIONS DERIVED FROM GPS OBSERVATIONS (GEOID 2012, NAVD 88) BEARINGS BASED ON UTM ZONE 13 NORTH AMERICAN DATUM 1983. U.S. SURVEY FEET

T.B.M.:  $\odot$  42ND STREET NW (UNIMPROVED) AT STA. 0+80, ELEV. 2019.59'

$\odot$  X=1905228.42  
Y=17452684.06

REV.	DATE	BY	DESCRIPTION	CHK.
C	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC
B	04/15/15	RG	ISSUED FOR USE/PERMIT	RC
A	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC



DAKOTA ACCESS, LLC

**PROPOSED 24" DAPL PIPELINE CROSSING  
42ND STREET NW (UNIMPROVED)**

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: DAV	DATE: 02/27/15	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-WI-235.900</b>	<b>C</b>
SCALE: AS SHOWN	APP.:		



**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

# DRIVEWAY APPLICATION & PERMIT

North Dakota Department of Transportation, Maintenance Division  
SFN 5918 (Rev. 06-2015)

Permit Number 1608

District Number 67

Applicant <b>DAKOTA ACCESS, LLC</b>		Telephone Number	
Address <b>1300 MAIN STREET</b>		City <b>Houston</b>	State <b>TX</b>
		ZIP Code <b>77002</b>	

## Driveway Information on State Highway Right of Way

Number of Driveways <b>2 Temp</b>	<input type="checkbox"/> Pipeline Construction <input type="checkbox"/> Private <input type="checkbox"/> Commercial	Direction <input checked="" type="checkbox"/> N <input checked="" type="checkbox"/> S <input type="checkbox"/> E <input type="checkbox"/> W side of Route <b>1804</b>
Location <b>2330' South of MP 336</b>		
Town	Highway <b>SH 1804</b>	Junction
		Mile Marker Number <b>336.4412</b>
Description of proposed work on state right of way and type of business served. <b>Temporary Drive on each side of 1804 for Pipeline Construction</b>		

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.

These are temporary driveways that will be removed when pipeline construction is complete. Contact the District when removal is complete. No bridge structures, construct with earth only. Traffic Control is required and it must be removed during non-work hours everyday.

APPLICANT:

**Robert Rose**  
Name (Type or Print)

**[Signature]**  
Signature

**Vice President, Land and Right of Way**  
Title

**1/29/16**  
Date

NORTH DAKOTA  
DEPARTMENT OF TRANSPORTATION

**Joel M. Wilt**  
District Engineer (Type or Print)

**[Signature]**  
Signature

**3/29/16**  
Date

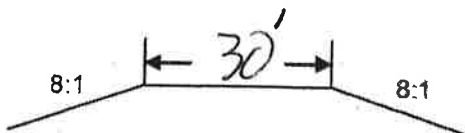
Permit granted:

Date

Construction shall be completed by:

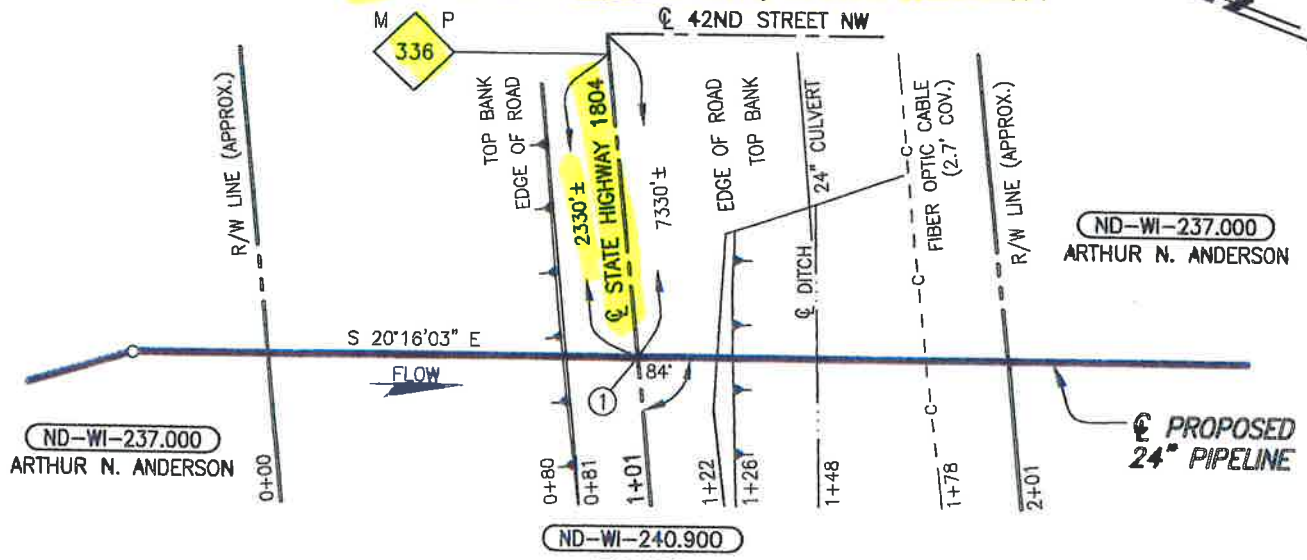
Date **12/31/16**

Sketch:

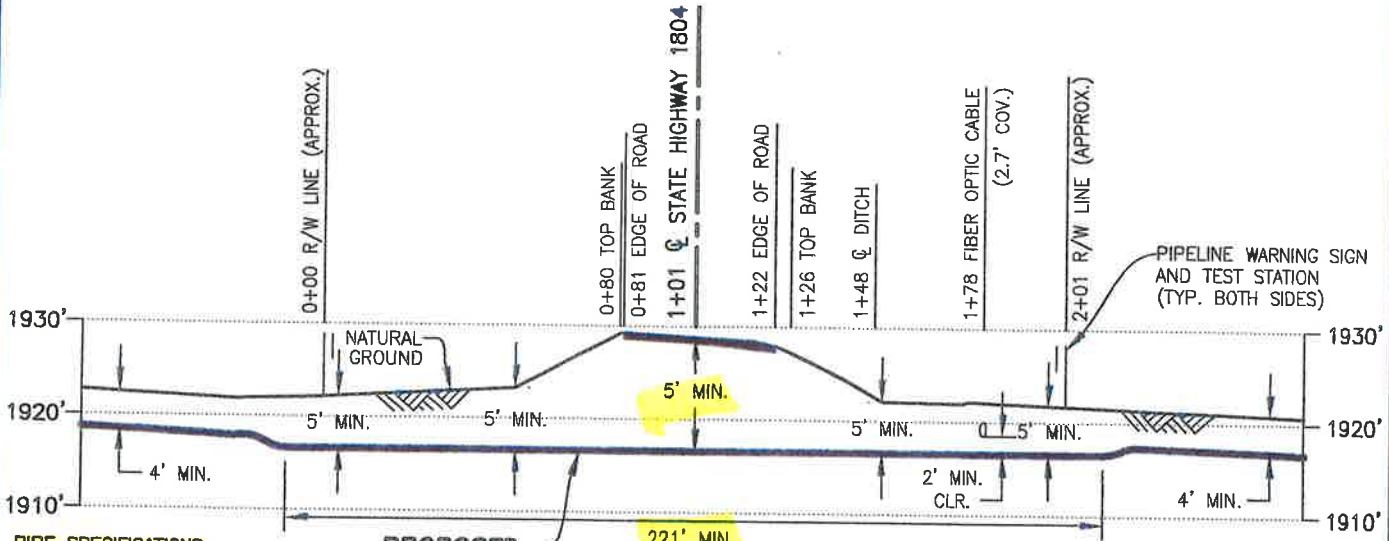


# WILLIAMS COUNTY, NORTH DAKOTA

## SECTION 6, TOWNSHIP 152 NORTH, RANGE 103 WEST



**PLAN**  
SCALE: 1"=50'



**PROFILE**  
SCALE: 1"=50' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=1905997.00  
 Y=17450520.39  
**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: Q STATE HIGHWAY 1804  
 AT STA. 1+01, ELEV. 1928.77'

REV.	DATE	BY	DESCRIPTION	CHK.
C	10/23/15	PRV	ISSUED FOR USE/PERMIT	RC
B	10/07/15	PRV	ISSUED FOR USE/PERMIT	RC
A	05/07/15	PRV	ISSUED FOR USE/PERMIT	RC



### PROPOSED 24" DAPL PIPELINE CROSSING STATE HIGHWAY 1804

**PROJECT NO. 10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: JTM	DATE: 11/05/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 05/07/15	ND-WI-240.900	C
SCALE: AS SHOWN	APP.: RC		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-1.dwg  
 PLOT DATE: 10/26/2015 BY: MADAMBA, JOEY



ND-WI-240.900 SH 1804  
CLS LiNK GIS Viewer

**CLS Contract**

# Buford Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 500.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Buford Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL Pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 41 ST NW located between the  
following Township and Range sections:

(S-6/7) (T-152N) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-244.900  
41ST NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish.  
(701) 770-1728 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Buford TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

Keneth Anderson Chair  
Buford Township

By: [Signature]  
Vice President, Land and Right of Way

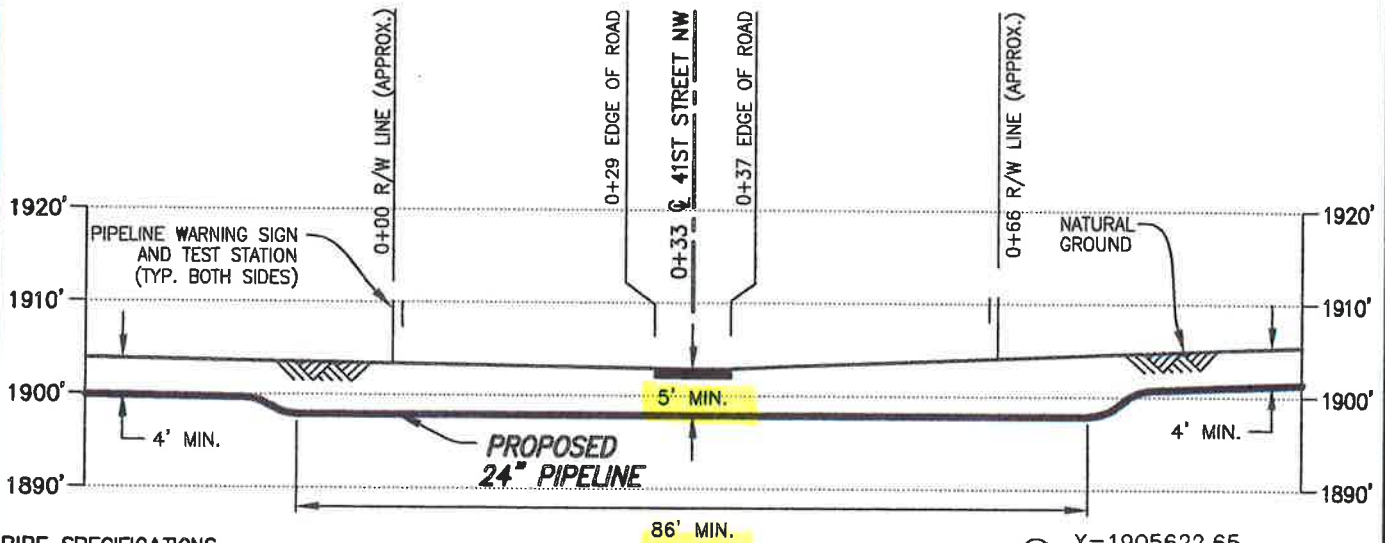
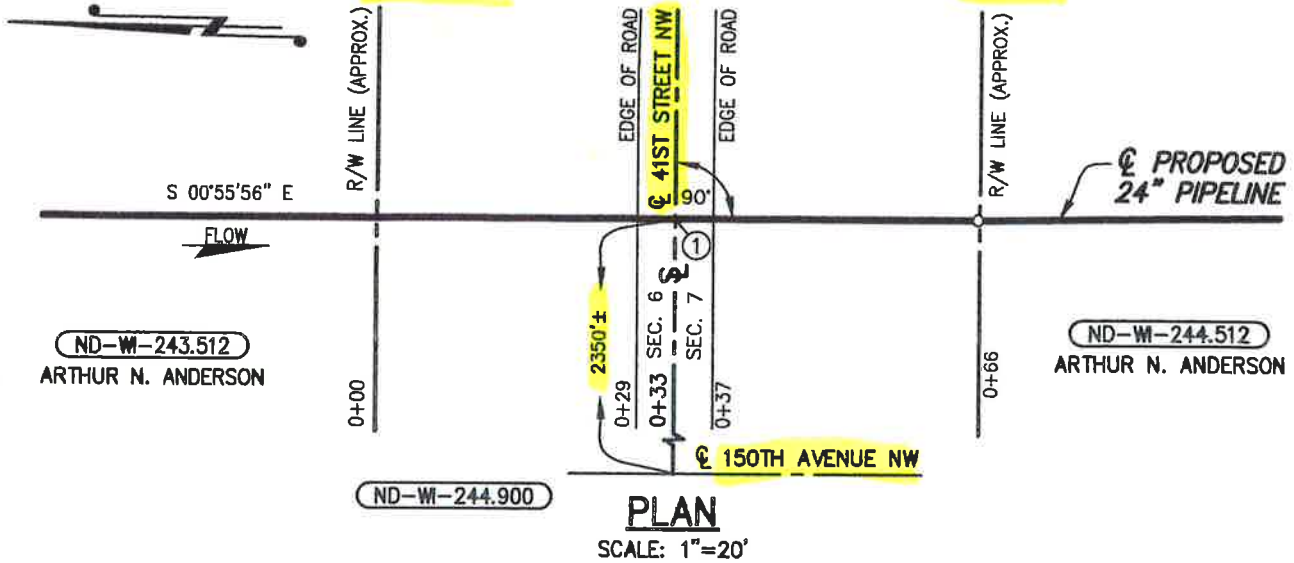
Date: 1/29/16

Phone: \_\_\_\_\_

ND-WI-244.900  
91 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

## SECTIONS 6 & 7, TOWNSHIP 152 NORTH, RANGE 103 WEST



**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN. TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

**PROFILE**  
 SCALE: 1"=20' HORIZ.  
 1"=20' VERT.

① X=1905622.65  
 Y=17446425.99

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET  
 T.B.M.: 41ST STREET NW  
 AT STA. 0+33, ELEV. 1902.90'

REV.	DATE	BY	DESCRIPTION	CHK.
B	03/02/15	JTM	ISSUED FOR USE/PERMIT	RC
A	12/22/14	CHA	ISSUED FOR REVIEW	



### PROPOSED 24" DAPL PIPELINE CROSSING 41ST STREET NW

PROJECT NO. **10395700**

**WOOD GROUP MUSTANG, INC.**  
 NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

WILLIAMS COUNTY		NORTH DAKOTA	
DRAWN BY: OP	DATE: 12/16/14	DWG. NO.	REV.
CHECKED BY: RC	DATE: 03/02/15	<b>ND-W-244.900</b>	<b>B</b>
SCALE: AS SHOWN	APP.:		

FILE: R:\103957\DISCIPLINE\CAD\DRAWINGS\93--PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957--P8-1  
 -244.900.dwg PLOT DATE: 3/3/2015 BY: ANDREWS, CINDY

# Buford Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 500.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Buford Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" crude oil line  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 39 ST. NW located between the  
following Township and Range sections:  
(S-18) (T-152W) (R-103) W

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-01-247.910  
39 ST. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-1728 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Buford TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

DAKOTA Access, LLC  
Applicant

Kenneth Ash Chair  
Buford Township

By: [Signature]  
Vice President, Land and Right of Way

Date: 1/29/16

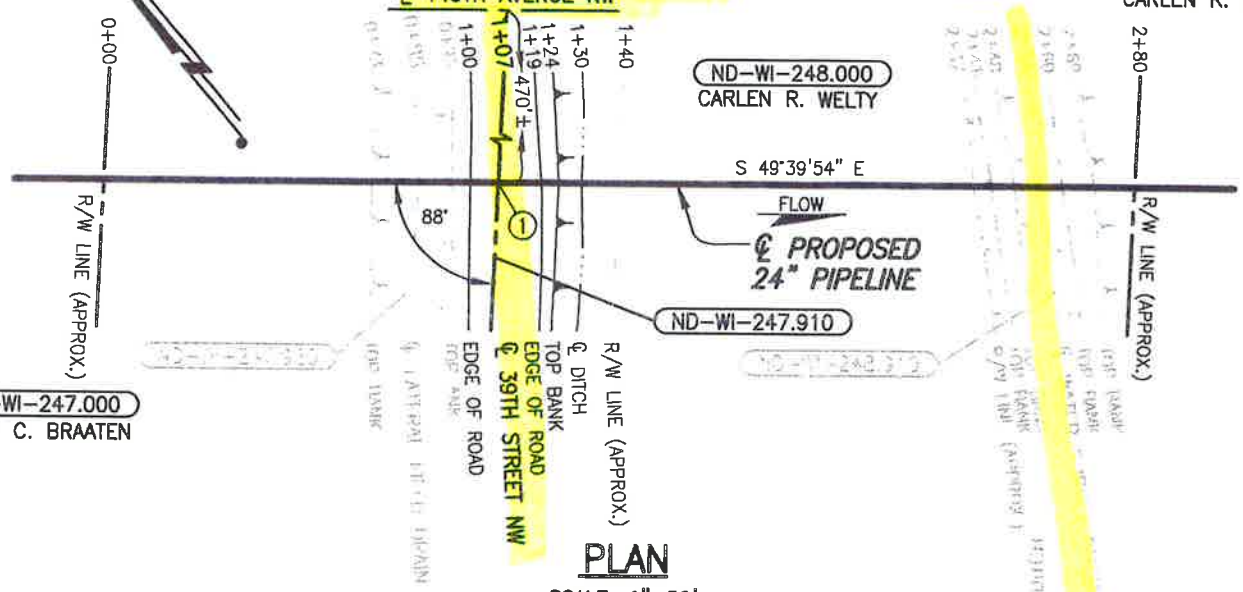
Phone: \_\_\_\_\_

ND-61-247.910  
39 ST. NW

# WILLIAMS COUNTY, NORTH DAKOTA

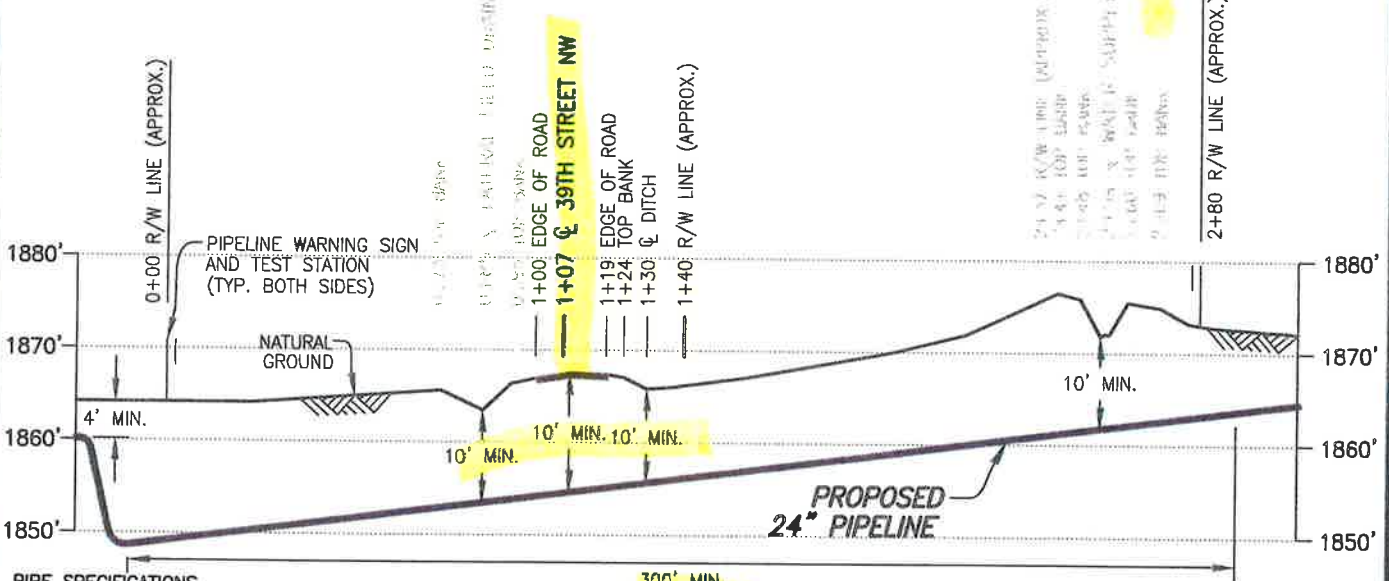
## SECTIONS 18, TOWNSHIP 152 NORTH, RANGE 103 WEST

ND-WI-248.000  
CARLEN R. WELTY



**PLAN**

SCALE: 1"=50'



**PROFILE**

SCALE: 1"=50' HORIZ.  
1"=20' VERT.

**PIPE SPECIFICATIONS**  
 PIPE 24" O.D. x 0.500" W.T.  
 API 5LX-70 ERW  
 COATING: 14-16 MILS FBE  
 W/40 MILS ARO  
 SERVICE: CRUDE OIL  
 INSTALLATION: BORE  
 MIN TEST PRESSURE: 1,800 PSIG  
 MOP: 1,440 PSIG  
 MIN. YIELD STRENGTH: 70,000 PSI

① X=1906407.47  
Y=17437167.35

**DATUM:**  
 ALL ELEVATIONS DERIVED FROM GPS  
 OBSERVATIONS (GEOID 2012, NAVD 88)  
 BEARINGS BASED ON UTM ZONE 13  
 NORTH AMERICAN DATUM 1983.  
 U.S. SURVEY FEET

T.B.M.:  $\odot$  39TH STREET NW  
 AT STA. 1+07, ELEV. 1867.51'

C	02/02/16	OP	ISSUED FOR USE/PERMIT	RC
B	06/25/15	PRV	ISSUED FOR USE/PERMIT	PA
A	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA
REV.	DATE	BY	DESCRIPTION	CHK.



### PROPOSED 24" DAPL PIPELINE CROSSING 39TH STREET NW

PROJECT NO. 10395700		WILLIAMS COUNTY NORTH DAKOTA	
<b>WOOD GROUP MUSTANG, INC.</b> NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C		DRAWN BY: PRV CHECKED BY: PA SCALE: AS SHOWN	DATE: 03/17/15 DATE: 03/20/15 APP.:
		DWG. NO. ND-WI-247.910	REV. C

.dwg PLOT DATE: 2/3/2016 BY: VILLARREAL, PHIL

37\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-PB-ND-W

FILE: R:\Proj

# Buford Township

Williams County, North Dakota

PERMIT NO. \_\_\_\_\_

**TOWNSHIP ROAD CROSSING PERMIT**  
**FEE - \$ 500.00 PER PERMIT**

**(PLEASE MAKE NO PAYMENT UNTIL  
YOU ARE NOTIFIED PERMIT IS APPROVED)**

The Buford Township Board of Supervisors, or its representative,  
hereby grants permission to Dakota Access, LLC whose  
(Applicant)  
address is 1300 Main Street, Houston, TX 77002  
(Applicant's Address)  
to make a single bore for a (an) 24" CRUDE OIL pipeline  
under the township road driving surface and across the drainage ditches  
and right-of-way of township road(s) 38 St. NW located between the  
following Township and Range sections:

(S-30) (T-152N) (R-103W)

Applicant shall be responsible to leave site in same condition as  
before crossing was made and repair any damages resulting from  
crossing.

Applicant shall promptly remove said facilities from right-of-way,  
or shall relocate or adjust said facilities, at its sole cost and expense when  
requested to do so by the Board or their representative. The Township

ND-WI-251.900  
38 St. NW

shall not be held liable for damage to said facilities located within the public right-of-way resulting from reconstruction or maintenance of the highway.

Please notify Township as to when work will start and finish, (701) 770-1728 The contractor MUST have a copy of the permit and the cross section on site at all times.

ANY INDIVIDUAL OR COMPANY DOING ROAD BORES OR PLACING ANY TYPE OF LINES WITHOUT A PERMIT WILL BE CHARGED A FEE OF \$1,000.00 THE 1ST TIME THEY ARE WITHOUT A PERMIT. THE 2ND TIME - THE FEE WILL BE \$5,000.00.

WHEN REQUESTED BY EQUALITY TOWNSHIP, THE OWNER OF THE PIPELINE MUST-AT THEIR EXPENSE- LOCATE AND EXPOSE THE UNDERGROUND UTILITY OR PIPELINE IN Buford TOWNSHIP EASEMENT AREA.

THERE IS TO BE NO DISTURBANCE OF ANY KIND IN THE TOWNSHIP RIGHT-OF-WAY.

Dakota Access, LLC  
Applicant

By: [Signature]  
Vice President, Land and Right of Way

Phone: \_\_\_\_\_

[Signature]  
Chair  
Buford Township

Date: 1/29/16

ND-WI-251.900  
38 St. NW

# WILLIAMS COUNTY, NORTH DAKOTA

SECTION 30, TOWNSHIP 152 NORTH, RANGE 103 WEST

☉ 149TH AVENUE NW

ND-WI-251.000  
KENNETH L. KJOS

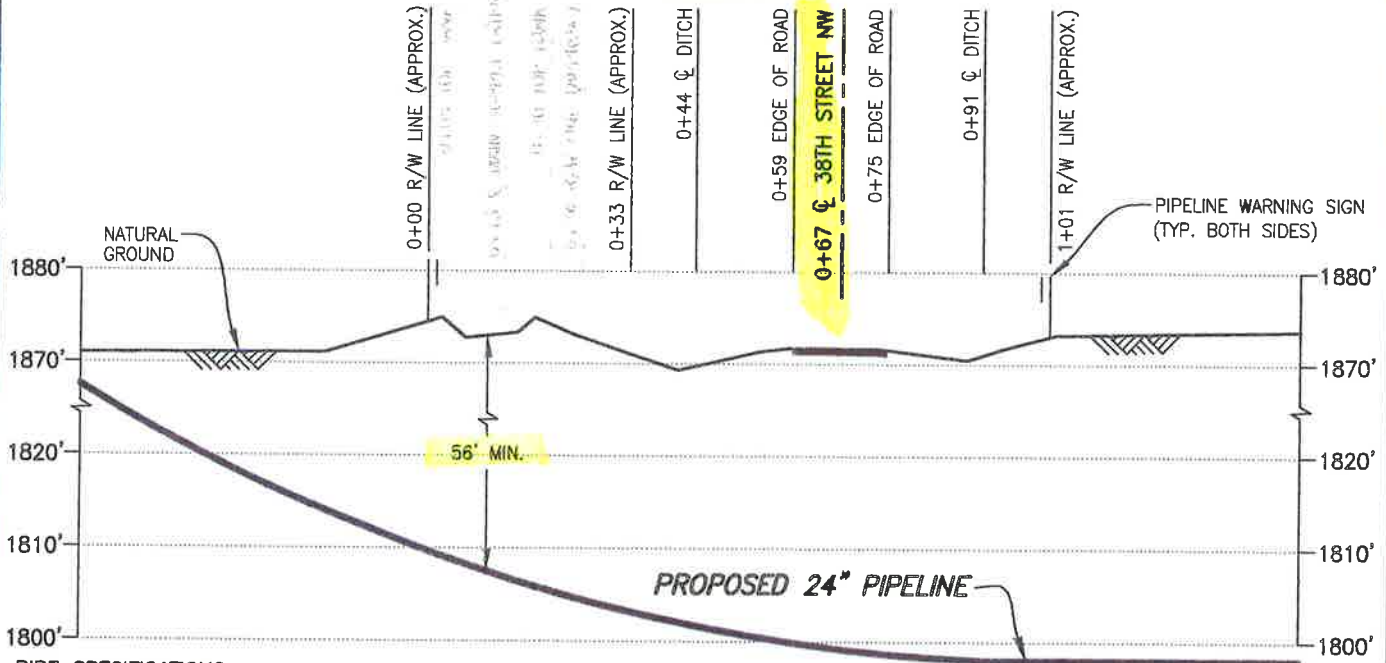
ND-WI-251.000  
KENNETH L. KJOS

ND-WI-251.900



**PLAN**

SCALE: 1" = 30'



**PROFILE**

SCALE: 1" = 30' HORIZ.  
1" = 20' VERT.

① X=1908169.68  
Y=17430124.79

**DATUM:**  
ALL ELEVATIONS DERIVED FROM GPS  
OBSERVATIONS (GEOID 2012, NAVD 88)  
BEARINGS BASED ON UTM ZONE 13  
NORTH AMERICAN DATUM 1983.  
U.S. SURVEY FEET  
T.B.M.: EDGE OF 38TH STREET NW  
AT STA. 0+75, ELEV. 1871.75'

**PIPE SPECIFICATIONS**

PIPE 24" O.D. x 0.500" W.T.  
API 5LX-70 ERW  
COATING: 14-16 MILS FBE  
W/40 MILS ARO  
SERVICE: CRUDE OIL  
INSTALLATION: HDD  
MIN. TEST PRESSURE: 1,800 PSIG  
MOP: 1,440 PSIG  
MIN. YIELD STRENGTH: 70,000 PSI

F	02/01/16	PRV	ISSUED FOR USE/PERMIT	RC
E	12/22/15	PRV	ISSUED FOR USE/PERMIT	PN
D	04/15/15	JTM	ISSUED FOR USE/PERMIT	PN
C	03/30/15	PRV	ISSUED FOR USE/PERMIT	PA
REV.	DATE	BY	DESCRIPTION	CHK.



**PROPOSED 24" DAPL PIPELINE CROSSING  
38TH STREET NW**

PROJECT NO. **10395700**

WILLIAMS COUNTY NORTH DAKOTA



**WOOD GROUP MUSTANG, INC.**  
NORTH DAKOTA REGISTERED ENGINEERING FIRM 627C

DRAWN BY: OP	DATE: 12/04/14	DWG. NO.	REV.
CHECKED BY: PA	DATE: 03/20/15	<b>ND-WI-251.900</b>	<b>F</b>
SCALE: N.T.S.	APP.:		

0.dwg PLOT DATE: 2/2/2016 BY: PALACIOS, OSCAR

I:\DISCIPLINE\CAD\DRAWINGS\93-PERMIT\NORTH DAKOTA\WILLIAMS COUNTY\103957-P8-ND-h

FILE: R:\Proj



3/14/2016

Ms. Claire Cunningham  
Permitting Agent  
ETC Dakota Access, LLC  
1100 Weiss Ave  
Bismarck, ND 58503

Subject: Consent of Easement Crossing for Oil Pipeline, Buford-Trenton Irrigation District

Dear Ms. Cunningham,

This letter is Buford Trenton Irrigation District consent and approval of Easement, Canal and Drain crossings for a crude oil pipeline to be put in starting in 2016. This letter of approval is valid for 1 year starting at the date of this letter but can be renewed if the project gets delayed for various reasons. Renewal must take place with another letter from the district.

The following conditions must be met:

1. A \$1,000/per crossing fee must be prepaid before construction can begin. Once this fee has been paid no refund will be allowed if any changes have occurred.
2. A \$500 pre-construction inspection fee and \$500 post-construction inspection fee will be assessed so district personnel can approve all plans and reclamation for the project.
3. A \$100,000 bond is required for crossing the main canal, 4-8 lateral and 3-8 lateral. This bond must be in place before construction can start for the benefit of the district for damage to these canals
4. A representative from the district must be contacted and be allowed to be on-site at all bores of canals and drains. This representative has the right to stop boring if the depth of bore does not meet district and reclamation standards of 10 feet below canal and drain bottom.
5. Reclamation of all crossings must match pre-construction condition or better. A video showing pre-construction and post-construction conditions must be given to the district for review and final approval.
6. Any and all requirement of the Bureau of Reclamation must be followed.



7. Dakota Access must acquire right-of-way from all private landowners before this approval is valid.
8. All canal crossing bridges must be approved by Ken Kjos at the district before they can be used or built.
9. The district has the right to stop construction personnel from driving on district easements if any damage is being caused to canals, laterals or drains.
10. Water can and will be running in all canals, lateral and drains during the spring, summer and fall. Nothing can impede this normal activity of the district.

Please keep Irrigation District personnel up to date on when the project will start construction and any delays it might have.

We look forward to working with you on this project. If you have any question, please contact myself at the district at 701-572-3530.

Sincerely,

BUFORD TRENTON IRRIGATION DISTRICT

Kenneth Kjos  
General Manager

A handwritten signature in black ink, appearing to read "Kenneth Kjos", is written over the typed name and title. The signature is stylized and includes a long, sweeping flourish that extends to the right.