

Dakota Access Exhibit 2.15
Legal Description of Illinois Project Route

Dakota Access, LLC
Legal Description of Illinois Project Route

Project Description

Dakota Access, LLC (“Dakota Access”) proposes to install a new 30-inch diameter underground liquid petroleum pipeline referred to as the Dakota Access Pipeline (“DAPL”) Project. This pipeline consists of approximately 1,166 miles of 12-inch to 30-inch diameter pipeline, beginning in North Dakota and extending through the states of North Dakota, South Dakota, Iowa, and Illinois, terminating at the existing Patoka tank farm hub near Patoka, Illinois in Marion County. The Energy Transfer Crude Oil Pipeline (“ETCOP”) Project being developed by Energy Transfer Crude Oil Company, LLC will connect with the DAPL Project at this same location in Marion County, Illinois and continue transport with ultimate deliveries to terminals and refineries near Nederland, Texas. Of the entire DAPL Project, approximately 187 miles of the route will be located in the state of Illinois.

Right-of-Way

The right-of-way requirement for DAPL includes a general 50-foot wide permanent easement pipeline right-of-way and up to 75-feet of temporary workspace area running south of Nauvoo, Illinois in Hancock County and extending through parts of Hancock, Adams, Schuyler, Brown, Pike, Morgan, Scott, Macoupin, Montgomery, Bond, Fayette, and Marion counties in the state of Illinois. Also extra temporary workspace beyond the typical 125-feet will be required at some locations such as road crossings, wetland approaches and water body crossings.

Legal Description

The proposed pipeline will begin at the State Line between Iowa and Illinois at a point near the centerline of the Mississippi River approximately 1,054.72 feet south and 381.19 feet west from the NW corner of Section 31 in T6N R8W, in Hancock County.

Thence proceed in an Easterly direction approximately 381.48 feet to a point that is approximately 1,064.82 feet south and 15.54 feet east from the NE corner of Section 36 in T6N R9W.

Thence, through Sections 31, 32, 33 and 34 in T6N R8W the following courses:

1. S 88° 35' 10" E a distance of 5,203.02 feet to a point;
2. N 89° 30' 57" E a distance of 350.65 feet to a point;
3. N 63° 25' 22" E a distance of 1,217.23 feet to a point;
4. S 89° 07' 54" E a distance of 2,256.68 feet to a point;
5. S 51° 06' 04" E a distance of 3,078.05 feet to a point;
6. S 62° 48' 56" E a distance of 3,902.70 feet to a point;
7. S 66° 34' 32" E a distance of 4,044.26 feet to a point that is a distance of 587.85 feet south and 2,208.24 feet east from the NW corner of Section 3 in T5N R8W

Thence, through Sections 2, 3, 11, 12 and 13 in T5N R8W the following courses:

1. S 38° 35' 00" E a distance of 2,303.83 feet to a point;
2. S 56° 27' 45" E a distance of 2,396.05 feet to a point;
3. S 48° 31' 53" E a distance of 6,804.59 feet to a point;
4. S 54° 59' 10" E a distance of 3,940.18 feet to a point;
5. S 45° 49' 25" E a distance of 2,990.50 feet to a point that is a distance of 1,681.84 feet south and 166.72 feet west from the NE corner of Section 13 in T5N R8W.

Thence, through Sections 17, 18, 20, 21, 26, 27, 28, 35 and 36 in T5N R7W the following courses:

1. S 51° 30' 44" E a distance of 3,400.44 feet to a point;
2. S 60° 19' 30" E a distance of 8,160.49 feet to a point;
3. S 58° 38' 08" E a distance of 8,714.18 feet to a point;
4. S 51° 45' 38" E a distance of 5,031.05 feet to a point;
5. S 47° 14' 06" E a distance of 3,864.97 feet to a point;
6. S 49° 39' 18" E a distance of 5,124.07 feet to a point that is a distance of 240.43 feet south and 1,953.41 feet east from the SW corner of Section 36 in T5N R7W.

Thence S 42° 06' 54" E a distance of 6,251.17 feet through Section 1 in T4N R7W and Section 6 in T4N R6W to a point That is a distance of 428.38 feet north and 682.43 feet east from the NW corner of Section 7 in T4N R6W.

Thence, through Sections 7, 8, 17, 20, 21, 28, 27, 34 and 35 in T4N R6W the following courses:

1. S 46° 54' 27" E a distance of 2,513.17 feet to a point;
2. S 43° 16' 43" E a distance of 4,714.09 feet to a point;
3. S 74° 07' 25" E a distance of 442.34 feet to a point;
4. S 37° 26' 18" E a distance of 2,820.28 feet to a point;
5. S 37° 56' 00" E a distance of 5,645.89 feet to a point;
6. S 35° 57' 29" E a distance of 1,572.11 feet to a point;
7. S 39° 08' 19" E a distance of 6,426.36 feet to a point;
8. S 41° 06' 00" E a distance of 3,119.34 feet to a point;
9. S 41° 10' 23" E a distance of 3,845.92 feet to a point;
10. S 41° 35' 29" E a distance of 1,501.12 feet to a point;
11. S 39° 43' 37" E a distance of 1,877.76 feet to a point;
12. S 43° 33' 07" E a distance of 1,096.87 feet to a point that is a distance of 293.21 feet north and 1,650.35 feet east from the SW corner of Section 35 in T4N R6W.

Thence, through Sections 1, 2 and 12 in T3N R6W the following courses:

1. S30°27'21"E a distance of 881.76 feet to a point;
2. S48°39'14"E a distance of 829.76 feet to a point;
3. S44°14'46"E a distance of 2,017.22 feet to a point;
4. S21°14'46"E a distance of 531.39 feet to a point;
5. S39°23'19"E a distance of 1,667.65 feet to a point;

6. S38°43'02"E a distance of 1,467.48 feet to a point;
7. S40°58'24"E a distance of 1,072.61 feet to a point;
8. S40°35'45"E a distance of 3,539.06 feet to a point;
9. S47°54'52"E a distance of 2,388.16 feet to a point that is a distance of 57.59 feet north and 359.29 feet east from the SE corner of Section 12 in T3N R6W.

Thence, through Sections 7, 18, 19, 20, 29, 28, 33 and 34 in T3N R5W the following courses:

1. S34°15'10"E a distance of 1,989.00 feet to a point;
2. S34°09'13"E a distance of 2,998.12 feet to a point;
3. S42°32'23"E a distance of 4,548.50 feet to a point;
4. S17°10'55"E a distance of 699.52 feet to a point;
5. S33°19'24"E a distance of 3,114.98 feet to a point;
6. S42°26'30"E a distance of 3,967.10 feet to a point;
7. S56°18'08"E a distance of 679.48 feet to a point;
8. S56°07'35"E a distance of 945.66 feet to a point;
9. S39°39'50"E a distance of 7,870.88 feet to a point;
10. S31°07'24"E a distance of 843.27 feet to a point that is approximately 15.68 feet north and 1,237.80 feet east from the SW corner of Section 34 in T3N R5W, all being located in Hancock County, IL.

Thence, through Sections 3, 10, 11, 13, 14 and 24 in T2N R5W Adams County, IL and Section 19 in T2N R4W Schuyler County, IL the following courses:

1. S30°45'01"E a distance of 2,288.68 feet to a point;
2. S37°00'41"E a distance of 2,571.27 feet to a point;
3. S1°09'38"E a distance of 2,740.81 feet to a point;
4. S74°17'05"E a distance of 2,432.76 feet to a point;
5. S87°37'53"E a distance of 1,335.47 feet to a point;
6. S7°25'45"E a distance of 1,874.25 feet to a point;
7. S54°36'46"E a distance of 1,969.83 feet to a point;
8. S40°16'11"E a distance of 3,922.26 feet to a point;
9. S2°52'31"E a distance of 867.13 feet to a point;
10. S51°12'31"E a distance of 899.07 feet to a point;
11. S27°31'32"E a distance of 4,417.06 feet to a point;
12. S60°34'07"E a distance of 1,844.84 feet to a point that is a distance of 1718.73 feet north and 175.16 feet east from the SE corner of Section 24 in T2N R5W.

Thence, through Sections 19, 29, 30 and 32 in T2N R4W in Schuyler County, IL and Section 5 in T1N R4W Brown County, IL the following courses:

1. S37°58'49"E a distance of 212.73 feet to a point;
2. S38°43'58"E a distance of 638.20 feet to a point;
3. S63°49'52"E a distance of 2,174.53 feet to a point;

4. S42°43'44"E a distance of 5,011.14 feet to a point;
5. S33°22'59"E a distance of 1,505.07 feet to a point;
6. S24°49'06"E a distance of 2,811.71 feet to a point;
7. S34°46'08"E a distance of 637.46 feet to a point;
8. S36°45'29"E a distance of 4,263.76 feet to a point that is a distance of 979.82 feet north and 437.54 feet west from the NE corner of Section 5 in T1N R4W.

Thence, through Sections 4, 5, 9, 10, 14, 15, 23, 25, and 26 in T1N R4W and Section 30 in T1N R3W Brown County, IL the following courses:

1. S88°43'46"E a distance of 210.33 feet to a point;
2. S36°28'13"E a distance of 324.08 feet to a point;
3. S0°50'27"E a distance of 231.83 feet to a point;
4. S44°07'32"E a distance of 1,805.56 feet to a point;
5. S21°15'03"E a distance of 3,479.80 feet to a point;
6. S65°50'08"E a distance of 2,923.51 feet to a point;
7. S43°34'16"E a distance of 3,355.49 feet to a point;
8. S30°15'14"E a distance of 1,489.68 feet to a point;
9. S41°58'34"E a distance of 3,869.39 feet to a point;
10. S41°33'47"E a distance of 2,416.19 feet to a point;
11. S39°42'16"E a distance of 2,571.84 feet to a point;
12. S38°06'06"E a distance of 211.63 feet to a point;
13. S33°44'10"E a distance of 2,828.16 feet to a point;
14. S52°12'08"E a distance of 995.80 feet to a point;
15. S39°22'07"E a distance of 2,200.88 feet to a point;
16. S29°51'52"E a distance of 350.48 feet to a point;
17. S67°13'22"E a distance of 2,146.45 feet to a point;
18. S30°20'16"E a distance of 2,876.70 feet to a point;
19. S88°16'08"E a distance of 329.05 feet to a point that is a distance of 15.04 feet north and 177.68 feet east from the NW corner of Section 30 in T1N R3W.

Thence, through Section 31 in T1N R3W and Section 6 in T1S R3W Brown County, IL the following courses:

1. S16°59'53"E a distance of 945.12 feet to a point;
2. S77°02'16"E a distance of 1,187.75 feet to a point;
3. S0°07'06"W a distance of 6,950.18 feet to a point that is approximately 2692.33 feet south and 1566.51 feet east from the SW corner of said Section 31 in T1N R3W.

Thence, through Sections 6, 7, 18, 19, 20, 21, 27, 28, 34 and 35 in T1S R3W the following courses:

1. S6°38'46"E a distance of 5,727.86 feet to a point;
2. S21°33'19"E a distance of 2,963.66 feet to a point;
3. S7°25'48"E a distance of 2,343.39 feet to a point;

4. S34°05'21"E a distance of 763.65 feet to a point;
5. S0°37'00"E a distance of 3,433.50 feet to a point;
6. S79°53'38"E a distance of 2,053.94 feet to a point;
7. S88°35'02"E a distance of 5,284.75 feet to a point;
8. S88°24'16"E a distance of 646.22 feet to a point;
9. S76°53'20"E a distance of 1,942.15 feet to a point;
10. S39°45'48"E a distance of 4,115.41 feet to a point;
11. S45°55'55"E a distance of 4,403.95 feet to a point;
12. S54°00'34"E a distance of 6,913.39 feet to a point;
13. S34°48'32"E a distance of 4,098.45 feet to a point that is a distance of 376.24 feet south and 148.12 feet west from the SE corner of Section 35 in T1S R3W.

Thence, through Sections 1 and 2 in T2S R3W the following courses:

1. S52°39'10"E a distance of 1,970.36 feet to a point;
2. S55°31'40"E a distance of 1,054.20 feet to a point;
3. S41°27'45"E a distance of 1,321.35 feet to a point;
4. S61°42'00"E a distance of 726.00 feet to a point;
5. S45°54'42"E a distance of 2,716.47 feet to a point that is a distance of 137.42 feet south and 244.59 feet east from the SE corner of Section 1 in T2S R3W.

Thence, through Sections 6, 7, 8, 9, 10, 15, 22, 23, 26 and 35 in T2S R2W the following courses:

1. N89°12'01"E a distance of 8,470.05 feet to a point;
2. S77°33'09"E a distance of 1,094.78 feet to a point;
3. S89°54'45"E a distance of 48.14 feet to a point;
4. S76°58'02"E a distance of 3,786.62 feet to a point;
5. S49°42'23"E a distance of 8,330.50 feet to a point;
6. S13°18'25"E a distance of 12,959.35 feet to a point;
7. S13°15'02"E a distance of 5,163.03 feet to a point;
8. S18°11'09"E a distance of 1,549.36 feet to a point that is a distance of 615.45 feet north and 2,850.98 feet east from the SW corner of Section 35 in T2S R2W, all being located in Brown County, IL.

Thence, through Sections 2, 11 and 12 in T3S R2W in Pike County, IL the following courses:

1. S23°10'48"E a distance of 4,006.38 feet to a point;
2. S15°03'13"E a distance of 6,339.41 feet to a point;
3. S50°02'13"E a distance of 2,656.37 feet to a point that is a distance of 1,664.60 feet north and 761.86 feet east from the SE corner of Section 28 in T16N R13W.

Thence, through Sections 28, 33 and 34 in T16N R13W Morgan County, IL and Section 4 T15N R13W Scott County, IL the following courses:

1. S49°55'46"E a distance of 1,576.73 feet to a point;

2. S49°41'57"E a distance of 5,121.24 feet to a point;
3. S44°38'06"E a distance of 3,820.61 feet to a point that is a distance of 347.45 feet south and 2,205.29 feet west from the SE corner of said Section 34 in T16N R13W.

Thence, through Sections 3, 4, 10, 11, 13 and 14 in T15N R13W in Scott County, IL the following courses:

1. S50°38'57"E a distance of 12,198.32 feet to a point;
2. S42°07'26"E a distance of 1,857.61 feet to a point;
3. S41°56'38"E a distance of 1,859.93 feet to a point;
4. S46°01'55"E a distance of 3,569.54 feet to a point;
5. S42°10'24"E a distance of 2,191.35 feet to a point;
6. S62°49'21"E a distance of 3,997.19 feet to a point that is a distance of 1196.27 feet north and 632.56 feet west from the SE corner of Section 13 in T15N R13W.

Thence, through Sections 18, 19, 20, 29, 27, 28, 34 and 35 in T15N R12W the following courses:

1. S60°51'35"E a distance of 2,009.19 feet to a point;
2. S50°09'14"E a distance of 5,184.80 feet to a point;
3. S52°32'21"E a distance of 1,526.36 feet to a point;
4. S68°50'26"E a distance of 805.92 feet to a point;
5. S58°21'40"E a distance of 7,182.36 feet to a point;
6. S53°49'10"E a distance of 6,955.28 feet to a point;
7. S52°33'23"E a distance of 5,876.63 feet to a point that is a distance of 436.04 feet south and 2,387.42 feet east from the SW corner of Section 35 in T15N R12W.

Thence, through Sections 2, 11 and 12 in T14N R12W Scott County, IL and Section 7 T14N R11W in Morgan County, IL the following courses:

1. S38°17'55"E a distance of 1,387.27 feet to a point;
2. S38°20'26"E a distance of 1,636.04 feet to a point;
3. S20°17'02"E a distance of 3,022.16 feet to a point;
4. S70°11'18"E a distance of 6,290.22 feet to a point that is a distance of 2,782.23 feet south and 607.41 feet east of the NE corner of Section 12 in T14N R12W.

Thence, through Sections 7 and 18 in T14N R11W in Morgan County, IL the following courses:

1. S56°15'08"E a distance of 3,142.94 feet to a point;
2. S44°54'42"E a distance of 660.34 feet to a point;
3. S52°07'12"E a distance of 718.76 feet to a point that is a distance of 258.53 feet south and 690.86 feet west from the SE corner of Section 18 in T14N R11W in Morgan County, IL.

Thence, through Sections 17, 18 and 20 in T14N R11W in Scott County, IL the following courses:

1. S52°19'21"E a distance of 2,585.19 feet to a point;
2. S12°25'36"E a distance of 2,471.64 feet to a point;

3. S73°10'18"E a distance of 5,413.12 feet to a point that is a distance of 647.21 feet south and 1,834.43 feet east from the NE corner of Section 20 in T14N R11W in Scott County, IL.

Thence, through Sections 20, 21, 22 and 27 in T14N R11W in Morgan County, IL the following courses:

1. S49°10'15"E a distance of 1,674.36 feet to a point;
2. S28°24'01"E a distance of 2,298.56 feet to a point;
3. S77°13'08"E a distance of 3,038.49 feet to a point;
4. S54°30'22"E a distance of 2,219.65 feet to a point that is a distance of 611.47 feet south and 1,682.93 feet west from the NE corner of Section 27 in T14N R11W in Morgan County, IL.

Thence, through Section 27 in T14N R11W in Scott County, IL and Sections 25, 26 and 36 in T14N R11W the following courses:

1. S88°47'51"E a distance of 6,068.02 feet to a point;
2. S46°23'21"E a distance of 4,125.81 feet to a point;
3. S2°26'39"E a distance of 3,348.02 feet to a point;
4. S61°15'25"E a distance of 1,089.87 feet to a point;
5. S57°33'23"E a distance of 2,791.77 feet to a point that is a distance of 1,338.31 feet north and 49.16 feet east from the SE corner of Section 36 in T14N R11W.

Thence, through Section 31 in T14N R10W and Section 6 in T13N R10W the following courses:

1. S53°49'48"E a distance of 978.08 feet to a point;
2. S50°20'07"E a distance of 3,632.05 feet to a point that is a distance of 1,600.78 feet south and 1,185.76 feet west from the NE corner of Section 6 in T13N R10W.

Thence, through Sections 5, 8, 9, 10, 15, 22, 23, 24 and 25 in T13N R10W the following courses:

1. S56°18'26"E a distance of 1,751.99 feet to a point;
2. S55°17'29"E a distance of 2,847.02 feet to a point;
3. S54°37'34"E a distance of 5,161.74 feet to a point;
4. S55°45'56"E a distance of 1,281.08 feet to a point;
5. S53°50'05"E a distance of 3,725.56 feet to a point;
6. S54°35'02"E a distance of 1,091.02 feet to a point;
7. S48°06'58"E a distance of 3,248.65 feet to a point;
8. S55°33'28"E a distance of 532.95 feet to a point;
9. S24°28'58"E a distance of 4,225.57 feet to a point;
10. 89°27'23"E a distance of 2,702.51 feet to a point;
11. S52°17'17"E a distance of 297.88 feet to a point;
12. S61°02'52"E a distance of 3,141.78 feet to a point;
13. S23°56'54"E a distance of 2,049.09 feet to a point;
14. N88°46'46"E a distance of 643.92 feet to a point;

15. S57°50'03"E a distance of 2,664.34 feet to a point;
16. S50°30'26"E a distance of 325.18 feet to a point that is distance of 1,867.90 feet south and 720.41 feet west from the NE corner of Section 25 in T13N R10W.

Thence, through Sections 30, 31, 32 and 33 in T13N R9W Morgan County, IL and Section 4 in T12N R9W Macoupin County, IL the following courses:

1. S51°49'53"E a distance of 4,606.98 feet to a point;
2. S47°03'18"E a distance of 682.53 feet to a point;
3. S81°04'35"E a distance of 1,139.84 feet to a point;
4. S72°53'49"E a distance of 562.03 feet to a point;
5. S66°00'20"E a distance of 2,356.93 feet to a point;
6. S54°04'15"E a distance of 3,635.53 feet to a point;
7. S62°25'21"E a distance of 1,758.27 feet to a point;
8. S44°12'16"E a distance of 1,569.53 feet to a point that is a distance of 532.29 feet south and 1,140.24 feet west from the SW corner of Section 33 in T13N R9W.

Thence, through Sections 3, 4, 10, 13, 14, 15 and 24 in T12N R9W in Macoupin County, IL and Section 19 in T12N R8W in Macoupin County, IL the following courses:

1. S51°23'12"E a distance of 991.73 feet to a point;
2. S14°27'38"E a distance of 1,405.61 feet to a point;
3. S72°04'11"E a distance of 2,572.23 feet to a point;
4. N70°02'46"E a distance of 579.78 feet to a point;
5. S58°21'34"E a distance of 498.80 feet to a point;
6. S52°36'52"E a distance of 1,506.51 feet to a point;
7. S12°30'03"E a distance of 3,059.41 feet to a point;
8. S22°27'17"E a distance of 4,784.78 feet to a point;
9. S84°23'25"E a distance of 6,117.25 feet (1.16 miles) to a point;
10. S66°22'06"E a distance of 4,857.63 feet to a point;
11. S59°40'54"E a distance of 1,095.07 feet to a point;
12. S29°20'14"E a distance of 373.80 feet to a point;
13. S46°54'53"E a distance of 2,944.49 feet to a point that is a distance of 2,234.78 feet south and 1,484.43 feet east from the NE corner of Section 24 in T12N R9W.

Thence, through Sections 19, 28, 29, 30, 33 and 34 in T12N R8W the following courses:

1. S46°54'53"E a distance of 2,944.49 feet to a point;
2. S50°05'48"E a distance of 5,026.35 feet to a point;
3. S69°42'23"E a distance of 2,034.37 feet to a point;
4. S59°01'17"E a distance of 3,338.79 feet to a point;
5. S59°51'23"E a distance of 3,028.10 feet to a point;
6. N 88° 22' 18" E a distance of 1,477.03 feet to a point;
7. S 04° 28' 58" E a distance of 941.58 feet to a point;

8. S 59° 56' 59" E a distance of 2,577.20 feet to a point;
9. S 48° 14' 08" E a distance of 1,970.98 feet to a point;
10. S 46° 00' 38" E a distance of 3,826.41 feet to a point that is a distance of 557.03 feet south and 1,075.84 feet west from the SE corner of Section 34 in T12N R8W.

Thence, through sections 1, 2, 3 and 12 in T11N R8W in Macoupin County, IL the following courses:

1. N 89° 04' 04" E a distance of 3,317.78 feet to a point;
2. S 59° 19' 51" E a distance of 2,264.84 feet to a point
3. S 44° 58' 01" E a distance of 6,604.92 feet (1.25 miles) to a point;
4. S 52° 49' 56" E a distance of 1,920.93 feet to a point
5. S 03° 20' 38" E a distance of 1,731.16 feet to a point that is a distance of 933.28 feet north and 537.98 feet west from the SE corner of section 12 in T11N R8W.

Thence through sections 18, 19, 20, 28, 29 and 33 in T11N R7W the following courses:

1. S 35° 22' 11" E a distance of 4,747.53 feet to a point;
2. S 71° 13' 03" E a distance of 2,274.12 feet to a point;
3. S 18° 02' 21" E a distance of 8,319.49 feet to a point;
4. S 62° 25' 41" E a distance of 6,540.47 feet to a point;
5. S 37° 10' 14" E a distance of 3,522.90 feet to a point;
6. S 36° 57' 52" E a distance of 1,975.26 feet to a point that is a distance of 1,648.28 feet north and 713.03 feet west from the SE corner of section 33 in T11N R7W.

Thence through sections 3, 4, 11, 14, 23, 24, and 25 in T10N R7W the following courses:

1. S 03° 54' 02" E a distance of 2,309.78 feet to a point;
2. S 51° 49' 25" E a distance of 8,084.59 feet to a point;
3. S 32° 12' 04" E a distance of 4,197.99 feet to a point;
4. S 09° 57' 30" E a distance of 7,013.10 feet to a point;
5. S 35° 30' 55" E a distance of 6,746.61 feet to a point;
6. S 66° 46' 47" E a distance of 974.62 feet to a point;
7. S 86° 17' 05" E a distance of 1,671.59 feet to a point;

Thence through sections 30, 31, and 32 in T10N R6W the following courses:

1. S 52° 06' 32" E a distance of 1,090.42 feet to a point;
2. S 84° 39' 48" E a distance of 1,647.27 feet to a point;
3. S 38° 38' 54" E a distance of 1,849.41 feet to a point;
4. S 35° 35' 10" E a distance of 3,957.62 feet to a point that is a distance of 2,335.06 north and 514.15 feet east from the SW corner of section 32 in T10N R6W.

Thence through sections 5, 8, 9, 15, 16, 22, 23, 26, and 35 in T9N R6W the following courses:

1. S 35° 52' 15" E a distance of 5,689.81 feet to a point;
2. S 37° 26' 42" E a distance of 2,571.58 feet to a point;
3. S 02° 38' 45" E a distance of 3,340.85 feet to a point;

4. S 43° 04' 20" E a distance of 4,229.39 feet to a point;
5. N 87° 08' 20" E a distance of 1,443.32 feet to a point;
6. S 41° 22' 16" E a distance of 2,225.15 feet to a point;
7. S 38° 43' 11" E a distance of 5,037.88 feet to a point;
8. S 35° 38' 22" E a distance of 5,110.74 feet to a point;
9. S 30° 12' 27" E a distance of 1,515.39 feet to a point;
10. S 01° 28' 15" E a distance of 1,073.00 feet to a point;
11. S 01° 49' 41" E a distance of 8,676.55 feet to a point that is a distance of 30.22 feet north and 624.78 feet east from the SW corner of section 35 in T9N R6W.

Thence through sections 2, 11, 12, 13 and 24 in T8N R6W the following courses:

1. S 01° 49' 41" E a distance of 5,488.06 feet to a point;
2. S 48° 29' 29" E a distance of 3,160.35 feet to a point;
3. S 63° 05' 37" E a distance of 3,212.57 feet to a point;
4. S 25° 51' 39" E a distance of 3,693.13 feet to a point;
5. S 50° 57' 54" E a distance of 4,954.92 feet to a point that is a distance of 84.14 feet south and 47.67 feet east of the NE corner of section 24 in T8N R6W in Macoupin County, IL.

Thence through sections 19, 30, 31, and 32 T8N R5W in Montgomery County, IL the following courses:

1. S 50° 57' 54" E a distance of 213.31 feet to a point;
2. S 02° 16' 49" E a distance of 8,475.91 feet to a point;
3. S 58° 25' 56" E a distance of 8,791.99 feet to a point;
4. S 30° 08' 47" E a distance of 5,857.59 feet to a point that is a distance of 2,428.55 feet south and 456.97 feet west from the SE corner of section 32 in T8N R5W.

Thence, through Sections 4, 5, 9, 10, 13, 14 and 15 in T7N R5W the following courses:

1. S 54° 54' 29" E a distance of 2,295.44 feet to a point;
2. S 49° 58' 20" E a distance of 13,881.41 feet to a point;
3. N 89° 52' 22" E a distance of 2,201.19 feet to a point;
4. S 51° 27' 53" E a distance of 2,232.83 feet to a point;
5. N 88° 00' 28" E a distance of 188.84 feet to a point;
6. N 88° 00' 28" E a distance of 2,741.97 feet to a point;
7. S 89° 50' 14" E a distance of 2,133.53 feet to a point;
8. N 50° 54' 55" E a distance of 177.60 feet to a point that is a distance of 1,526.15 feet north and 796.57 feet west from the SE corner of Section 13 in T7N R5W.

Thence, through Sections 13, 14, 15, 16, 17, 18 and 24 in T7N R4W the following courses:

1. S 89° 05' 38" E a distance of 1,279.66 feet to a point;
2. S 50° 04' 40" E a distance of 149.73 feet to a point;
3. S 89° 50' 14" E a distance of 3,265.58 feet to a point;
4. N 89° 11' 40" E a distance of 2,144.05 feet to a point;

5. N 88° 13' 18" E a distance of 1,693.62 feet to a point;
6. N 87° 55' 53" E a distance of 7,309.78 feet to a point;
7. N 89° 34' 04" E a distance of 2,346.45 feet to a point;
8. S 89° 22' 22" E a distance of 682.29 feet to a point;
9. S 43° 22' 03" E a distance of 1,300.09 feet to a point;
10. N 87° 22' 37" E a distance of 1,294.42 feet to a point;
11. N 41° 19' 00" E a distance of 1,091.61 feet to a point;
12. N 87° 00' 06" E a distance of 4,655.76 feet to a point;
13. N 36° 36' 39" E a distance of 484.52 feet to a point;
14. S 88° 29' 07" E a distance of 2,081.60 feet to a point;
15. S 65° 46' 07" E a distance of 1,628.98 feet to a point;
16. S 04° 33' 39" E a distance of 1,443.78 feet to a point that is a distance of 886.59 feet south and 2,522.09 feet west from the NE corner of Section 24 in T7N R4W.

Thence, through Sections 19, 20, 21 and 22 in T7N R3W the following courses:

1. N 88° 12' 34" E a distance of 13,405.28 feet to a point;
2. N 88° 10' 51" E a distance of 3,979.45 feet to a point;
3. S 33° 56' 29" E a distance of 2,463.41 feet to a point;
4. S 02° 11' 28" E a distance of 2,955.49 feet to a point that is a distance of 568.86 feet south and 311.99 feet east from the SW corner of Section 22 in T7N R3W, all being located in Montgomery County, IL.

Thence, through Sections 27, 34 and 35 in T7N R3W in Bond County, IL the following courses:

1. S 23° 48' 39" E a distance of 696.90 feet to a point;
2. S 10° 49' 59" E a distance of 1,999.26 feet to a point;
3. S 72° 38' 09" E a distance of 1,790.22 feet to a point;
4. S 35° 13' 13" E a distance of 4,443.94 feet to a point;
5. S 46° 47' 29" E a distance of 1,240.83 feet to a point;
6. S 68° 07' 43" E a distance of 5,629.40 feet to a point that is a distance of 127.69 feet south and 294.52 feet east from the SE corner of Section 35 in T7N R3W Bond County, IL.

Thence S 67° 20' 44" E a distance of 5,553.74 feet through Sections 1 in T6N R3W and section 6 in T6N R2W to a point that is a distance of 635.49 feet north and 2,890.23 feet west from the SE corner of Section 6 in T6N R2W.

Thence, through Sections 6, 7, 8, 9, 15, 16, 22, 23, and 25 in T6N R2W Bond County, IL the following courses:

1. S 68° 32' 00" E a distance of 2,466.49 feet to a point;
2. S 72° 42' 43" E a distance of 2,266.56 feet to a point;
3. S 41° 40' 17" E a distance of 1,173.72 feet to a point;
4. S 71° 46' 42" E a distance of 1,724.62 feet to a point;

5. S 49° 43' 44" E a distance of 1,365.31 feet to a point;
6. S 53° 40' 59" E a distance of 8,254.82 feet to a point;
7. S 51° 37' 53" E a distance of 6,123.99 feet to a point;
8. S 63° 26' 24" E a distance of 6,138.87 feet to a point;
9. S 62° 37' 29" E a distance of 5,510.90 feet to a point that is a distance of 2,803.12 feet north and 816.91 feet west from the SE corner of Section 25 in T6N R2W in Bond County, IL.

Thence, through Sections 30 and 31 in T6N R1W Fayette County, IL the following courses:

1. S 58° 59' 30" E a distance of 3,406.84 feet to a point;
2. S 35° 29' 49" E a distance of 2,082.62 feet to a point;
3. S 28° 28' 53" E a distance of 2,812.58 feet to a point;
4. S 10° 33' 09" E a distance of 416.27 feet to a point;
5. S 52° 31' 07" E a distance of 2,250.69 feet to a point that is a distance of 511.02 feet north and 1,189.94 feet west from the SE corner of Section 31 in T6N R1W in Fayette County, IL.

Thence, through Sections 4, 5, 6, 9, 15, 16, 22, 23, 24 and 25 in T5N R1W the following courses:

1. S 40° 02' 19" E a distance of 1,485.71 feet to a point;
2. S 51° 31' 23" E a distance of 4,340.55 feet to a point;
3. S 54° 15' 52" E a distance of 2,741.61 feet to a point;
4. S 23° 01' 58" E a distance of 1,341.17 feet to a point;
5. S 01° 19' 38" E a distance of 2,144.30 feet to a point;
6. S 54° 13' 10" E a distance of 6,200.34 feet to a point;
7. S 44° 13' 05" E a distance of 1,126.59 feet to a point;
8. S 36° 31' 57" E a distance of 3,941.34 feet to a point;
9. S 01° 39' 46" E a distance of 1,700.55 feet to a point;
10. S 85° 09' 47" E a distance of 8,477.00 feet to a point;
11. S 30° 25' 26" E a distance of 7,195.72 feet to a point;
12. S 17° 58' 46" E a distance of 1,127.64 feet to a point that is a distance of 1,508.66 feet north and 921.62 feet west from the SE corner of Section 25 in T5N R1W.

Thence, through Sections 30, 31 and 32 in T5N R1E the following courses:

1. S 54° 49' 11" E a distance of 2,137.15 feet to a point;
2. S 17° 42' 56" E a distance of 1,442.50 feet to a point;
3. S 57° 57' 17" E a distance of 2,442.02 feet to a point;
4. S 53° 31' 47" E a distance of 460.75 feet to a point;
5. S 36° 32' 41" E a distance of 1,765.34 feet to a point;
6. S 02° 08' 45" E a distance of 2,088.01 feet to a point that is a distance of 992.73 feet south and 431.78 feet east from the SW corner of said Section 32 in T5N R1E in Fayette County, IL.

Thence, through Sections 5, 8, 9, 14, 15, 16, 23 and 24 in T4N R1E in Marion County, IL the following courses:

1. S 07° 31' 48" W a distance of 926.52 feet to a point;

2. S 21° 53' 17" E a distance of 1,271.43 feet to a point;
3. S 37° 37' 06" E a distance of 3,065.71 feet to a point;
4. S 44° 29' 49" E a distance of 6,992.55 feet to a point;
5. S 58° 05' 35" E a distance of 2,652.08 feet to a point;
6. N 87° 23' 32" E a distance of 3,831.31 feet to a point;
7. S 02° 36' 27" E a distance of 1,291.84 feet to a point;
8. S 01° 25' 11" E a distance of 334.57 feet to a point;
9. S 01° 42' 30" E a distance of 840.08 feet to a point;
10. N 88° 17' 30" E a distance of 1,160.39 feet to a point;
11. S 75° 42' 14" E a distance of 391.74 feet to a point;
12. S 66° 54' 56" E a distance of 2,272.95 feet to a point;
13. S 89° 39' 55" E a distance of 2,040.30 feet to a point;
14. S 48° 33' 18" E a distance of 4,456.95 feet to a point;
15. S 58° 59' 25" E a distance of 1,452.53 feet to a point;
16. S 53° 20' 50" E a distance of 554.87 feet to a point;
17. S 03° 45' 35" E a distance of 272.99 feet to a point;
18. N 86° 14' 25" E a distance of 19.02 feet to a point;
19. S 03° 45' 35" E a distance of 133.09 feet to a point;
20. N 86° 14' 25" E a distance of 8.84 feet to a point;
21. S 03° 45' 35" E a distance of 32.01 feet to a point that is a distance of 948.02 feet north and 2,644.45 feet east from the SW corner of Section 24 in T4N R1E, all being located in Marion County, IL.

At this point, Dakota Access Pipeline terminates near an existing crude oil hub in Patoka, Illinois.

Note: Bearings and Distances are based on UTM Zone 15 North American Datum 1983 U.S. Survey Feet.

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