

ICC DOCKET 14-0755
ETCO EXHIBIT 2.8
Legal Description of Illinois Project Route

Energy Transfer Crude Oil Company, LLC
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Project Description

Energy Transfer Crude Oil Company, LLC (“ETCO”) proposes to install a new 30-inch diameter underground liquid petroleum pipeline referred to as the Energy Transfer Crude Oil Pipeline (“ETCOP”). This pipeline will consist of approximately 745 miles and is a combination of new build and conversion, beginning at the existing Patoka tank farm hub near Patoka, Illinois in Marion County (“Patoka Terminal”) and extending generally in a southerly direction to terminate at the terminal and refinery facilities near Nederland, Texas in Jefferson County. Of the entire project, approximately 128 miles of the route will be located in the state of Illinois with approximately 31 miles being new build and 97 miles being conversion.

Right-of-Way

The right-of-way requirement for ETCOP includes a general 50-foot wide permanent easement pipeline right-of-way and up to 75-feet of temporary workspace area running from the Patoka tank farm hub through parts of Marion, Clay and Wayne 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. For the 31 miles of new build to be constructed in Illinois, approximately 90% percent of the right-of-way will be adjacent to an existing right-of-way of the Marathon Pipeline. For the 97 miles of pipeline to be converted in Illinois, existing easements are in place but additional TWS will be required at some locations to facilitate pipe modifications at the Lake of Egypt in Williamson County, a segment south of Trunkline Joppa compressor station and at the Ohio River in Massac County.

Legal Description

New Build Portion

The proposed pipeline will begin at the Patoka tank farm hub at a point that is approximately 0.15 miles (783.28 feet) north and 0.48 miles (2522.84 feet) east from the NW corner of Section 25 in T4N R1E in Marion County, IL

Thence, through Section 24 in T4N R1E in Marion County, IL the following courses:

1. Southerly direction approximately 0.02 miles (110.54 feet) to a point.
2. Westerly direction approximately 0.06 miles (297.10 feet) to a point.
3. Southerly direction approximately 0.06 miles (330.83 feet) to a point.
4. Easterly direction approximately 0.05 miles (247.43 feet) to a point.
5. Northerly direction approximately 19.00 feet to a point.
6. Easterly direction approximately 0.04 miles (235.32 feet) to a point

That is approximately 0.07 miles (360.90 feet) south and 0.51 miles (2708.49 feet) east from the SW corner of said Section 24 in T4N R1E.

Thence deflecting Southeasterly approximately 0.37 miles (1964.84 feet) in Section 24 in T4N R1E to a point that is approximately 0.03 miles (136.47 feet) north and 0.12 miles (624.12 feet) west from the SE corner of Section 24 in T4N R1E.

Thence deflecting Southerly approximately 0.08 miles (406.18 feet) through Sections 24 and 25 in T4N R1E to a point that is approximately 0.04 miles (213.54 feet) south and 0.08 miles (418.04 feet) west from the NE corner of Section 25 in T4N R1E.

Thence deflecting Southeasterly approximately 3.67 miles (19354.93 feet) through Sections 30, 29, 32, 33 and 34 in T4N R2E to a point that is approximately 0.01 miles (60.77 feet) north and 0.12 miles (642.91 feet) east from the NW corner of Section 3 in T3N R2E.

Thence deflecting Southeasterly approximately 1.30 miles (6870.89 feet) through Sections 3 and 2 in T3N R2E to a point that is approximately 0.23 miles (1222.31 feet) north and 0.19 (1010.54 feet) east from the SW corner of Section 2 in T3N R3E.

Thence deflecting Easterly approximately 0.70 miles (3686.41 feet) in Section 2 in T3N R2E to a point that is approximately 0.07 miles (651.52 feet) north and 0.14 miles (716.90 feet) west from the SW corner of Section 1 in T3N R3E.

Thence deflecting Southerly approximately 0.18 miles (954.23 feet) through Sections 2 and 11 in T3N R2E to a point that is approximately 0.11 miles (602.55 feet) south and 0.14 miles (734.02 feet) west from the NE corner of Section 11 in T3N R1E.

Thence deflecting Southeasterly approximately 1.35 miles (7105.64 feet) through Sections 11 and 12 in T3N R2E to a point that is approximately 0.02 miles (112.15 feet) north and 0.09 miles (460.51 feet) from the SE corner of said Section 12 in T3N R2E.

Thence deflecting Easterly approximately 0.71 miles (3750.06 feet) through Section 12 in T3N R1E and Section 7 in T3N R3E to a point that is approximately 0.03 miles (139.42 feet) north and 0.46 miles (2403.00 feet) west from the SE corner of Section 7 in T3N R3E.

Thence deflecting Southerly approximately 0.53 miles (2788.36 feet) through Sections 7 and 18 in T3N R3E to a point that is approximately 0.50 miles (2659.33 feet) north and 0.39 miles (2055.18 feet) west from the SE corner of Section 18 in T3N R3E.

Thence deflecting Southeasterly approximately 1.59 miles (8406.84 feet) through Sections 18, 17 and 16 in T3N R3E to a point that is approximately 0.03 miles (163.03 feet) north and 0.12 miles (652.35 feet) east from the SW corner of Section 16 in T3N R3E.

Thence deflecting Southerly approximately 0.29 miles (1531.52 feet) through Sections 16 and 21 in T3N R3E to a point that is approximately 0.21 miles (1087.25 feet) south and 0.29 miles (1536.87 feet) east from the NW corner of Section 21 in T3N R3E.

Thence deflecting Easterly approximately 0.47miles (2504.32 feet) in Section 21 in T3N R3E to a point that is approximately 0.19 miles (1019.92 feet) south and 0.22 miles (1184.26 feet) west from the NE corner of Section 21 in T3N R1E.

Thence deflecting Southeasterly approximately 3.74 miles (19730.19 feet) through Sections 21, 22, 23, 26, 25 and 36 in T3N R3E to a point that is approximately 0.05 (277.63 feet) south and 0.01 miles (46.31 feet) west from the NE corner of said Section 36 in T3N R3E.

Thence deflecting Southeasterly approximately 2.00 miles (10554.93 feet) through Sections 31 and 32 in T3N R4E to a point that is approximately 0.03 miles (150.70 feet) south and 0.28 miles (1484.39 feet) west from the SE corner of Section 32 in T3N R4E.

Thence deflecting Southeasterly approximately 4.99 miles (26332.74 feet) through Sections 5, 4, 3, 10, 11, 14 and 13 in T2N R4E to a point that is approximately 0.33 miles (1727.92 feet) north and 24.06 feet east from the SE corner of the said Section 13 in T2N R4E, all being located in Marion County, IL.

Thence deflecting Southeasterly approximately 0.60 miles (3151.45 feet) in Section 18 in T4N R5E in Clay County, IL to a point that is approximately 66.26 feet north and 0.51 miles (2701.54 feet) east from the SW corner of said Section 18 in T2N R5E.

Thence deflecting Southeasterly approximately 3.71 miles (19584.42 feet) through Sections 19, 20, 21, 28 and 27 in T2N R5E in Wayne County, IL to a point that is approximately 0.11 miles (596.58 feet) north and 0.42 miles (2204.49 feet) west from the SE corner of Section 27 in T2N R5E.

Thence deflecting Southerly approximately 0.15 miles (791.31 feet) through Sections 27 and 34 in T2N R5E to a point that is approximately 0.04 miles (194.72 feet) south and 0.42 miles (2208.08 feet) west from the NE corner of Section 34 in T2N R5E.

Thence deflecting Easterly approximately 0.19 miles (1002.60 feet) in Section 34 in T2N R5E to a point that is approximately 0.04 miles (199.27 feet) from the NE corner of Section 34 in T2N R5E.

Thence deflecting Southeasterly approximately 1.82 miles (9598.27 feet) through Sections 34, 35 and 36 in T2N R5E to a point that is approximately 0.08 miles (427.81 feet) south and 0.28 miles (1502.78 feet) east from the NW corner of Section 1 in T1N R5E.

Thence deflecting Southeasterly approximately 0.81 miles (4296.68 feet) through said Sections 1 in T1N R5E to a point that is approximately 0.41 miles (2174.00 feet) south and 0.03 miles (143.62 feet) east from the NW corner of Section 6 in T1N R6E.

Thence deflecting Southeasterly approximately 1.96 miles (10329.67 feet) through Sections 6, 5 and 8 in T1N R6E to an end point that is approximately 0.30 miles (1592.05 feet) south and 0.38 miles (2020.32 feet) west from the NW corner of Section 9 in T1N R6E all being in Wayne County, IL where it intersects with the existing Trunkline natural gas pipeline being converted to crude oil transport service.

Existing/Converted Pipeline Portion

At the tie-in point to the existing Trunkline system continuing in Wayne County at Section 8, Township 1 North, Range 6 East, continuing Southerly to traverse Sections 8, 17, 20, 29, and 32, Township 1 North, Range 6 East; Sections 5, 8, 17, 20, 29, 30, and 31, Township 1 South, Range 6 East; continuing southwesterly to traverse Section 6, Township 2 South, Range 6 East; Sections 1, 12, 11, 14, continuing southerly to traverse Sections 23, 26, and 35, Township 2 South, Range 5 East; and continuing in a southerly direction in Sections 2, 11, and 14, Township 3 South, Range 5 East, all being located in Wayne County, Illinois.

At the entry point of the Hamilton County line, the pipeline will continue in a southerly direction to traverse Sections 23, 26, and 35, Township 3 South, Range 5 East; Sections 2, 11, 14, 23, 26, and 35, Township 4 South, Range 5 East; continuing in a southwesterly direction to traverse Sections 2, 11, 10, 15, 22, 21, 28, 29, and 32, Township 5 South, Range 5 East; Sections 5, 8, 7, 18, 19, 30, and 31, Township 6 South, Range 5 East, all being located in Hamilton County, Illinois.

At the entry point of Franklin County line, the pipeline will continue in a southwesterly direction to traverse Section 36, Township 6 South, Range 4 East; continuing in a southerly direction to traverse Sections 1, 12, 13, 14, 23, 26, 27, and 34, Township 7 South, Range 4 East, all being located in Franklin County, Illinois.

At the entry point of the Williamson County Line, the pipeline will continue in a southwesterly direction to traverse Sections 3, 4, 9, 8, 17, 20, 19, and 30, Township 8 South, Range 4 East; Sections 25, and 36, Township 8 South, Range 3 East; Sections 1, 2, 11, 14, 23, 26, 27, and 34, Township 9 South Range 3 East; continuing in a southerly direction to traverse Sections 3, 10, 9, 16, 21, 28, and 33, Township 10 South, Range 3 East, all being located in Williamson County, Illinois.

At the entry point of Johnson County, Illinois, the pipeline will continue in a southerly direction to traverse Section 4 and proposing to horizontally drill across Lake of Egypt and exiting at Section 9 in existing easement owned by Trunkline Gas and Energy Transfer Crude Oil Company, being located in Shawnee National Forest, continuing in a southerly direction to traverse Sections 9, 16, 21, 28, 27, and 34, Township 11 South, Range 3 East; continuing in a southerly direction in Sections 3, 4, 9, 16, 21, 28, and 33, Township 12 South, Range 3 East; Sections 4, 3, 10, 15, 22, 27, and 34, Township 13 South, Range 3 East, all being located in Johnson County, Illinois.

At the entry point of Massac County, Illinois, the pipeline will continue in a southerly direction to traverse Sections 3, 10, 15, 22, 27, and 34, Township 14 South, Range 3 East; Sections 3, 10, and 15, and proposing to horizontally drill across the Ohio River entering at Section 15, Township 15 South, Range 3 East, all being located in Massac County, Illinois.

At this point, Energy Transfer Crude Oil Pipeline leaves Illinois and enters into the state of Kentucky.

ETCO Lateral Portion

The proposed laterals will begin at a point north of Dickey Pond Rd approximately 0.20 miles (1331.05 feet) south and 0.07 miles (2765.70 feet) west from the NE corner of Section 15 in T4N R1E, in Marion County, IL.

Thence deflecting Southerly direction approximately 0.47 miles (2463.86 feet) through Sections 15 in T4N R1E to a point that is approximately 0.26 miles (1373.60 feet) north and 0.49 miles (2608.66 feet) east from the NW corner of Section 22 in T4N R1E.

Thence deflecting Southeasterly direction approximately 1.09 miles (5746.29 feet) through Sections 15 and 14 in T4N R1E to a point that is approximately 0.06 miles (303.01 feet) north and 0.46 miles (2415.09 feet) west from the SW corner of Section 13 in T4N R1E.

Thence deflecting Southeasterly direction approximately 1.28 miles (6761.76 feet) through Sections 14, 23 and 24 in T4N R1E to a point that is approximately 0.15 miles (783.28 feet) north and 0.48 miles (2522.84 feet) east from the NW corner of Section 25 in T4N R1E in Marion County, IL

At this point, the ETCO laterals will terminate at the ETCO terminal facility near the Patoka Hub.