

- k. Reactive Power (Plant not generating real power) – Generator will install, operate, and maintain Plant and/or GIF facilities and implement an automatic operating scheme, as necessary, to establish and maintain reactive power within a range of +/- 5 Mvar, as measured at the Point of Interconnection, at all times when the Plant is not generating real power into the ERCOT grid and the Plant and/or GIF is acting as a load. Such facilities and automatic operating scheme will be installed and functional by the In-Service Date specified in Exhibit “B”. Generator will provide, for review and comments, written documentation to TSP specifying the design details of all equipment (including size, number, and location of any capacitors and/or reactors and controls) and automatic operating scheme which it will install to meet these requirements by the date specified in Exhibit “B”. Notwithstanding TSP’s obligations in the remainder of this Agreement, TSP shall have no obligation to establish an electrical interconnection with the GIF until Generator completes the installation of the reactive power facilities and automatic operating scheme specified in this paragraph.
- l. Reactive Power (Plant generating real power) – Generator will install, operate, and maintain Plant and GIF reactive power facilities, as necessary, to comply with the unit reactive power capability requirements at all times when the Plant is generating real power into the ERCOT grid, in accordance with ERCOT Requirements. Such facilities will be installed and functional prior to the Trial Operation of the Plant. Generator will provide, for review and comments, written documentation to TSP specifying the design details of all equipment (including size, number, and location of any capacitors and/or reactors and controls) which it will install to meet these requirements by the date specified in Exhibit “B”. Notwithstanding TSP’s obligations in the remainder of this Agreement, TSP shall have no obligation to establish an electrical interconnection with the GIF until Generator completes the installation of the reactive power facilities specified in this paragraph.
- m. Switching Procedures – To address the safety of field operations personnel of both Parties, the Parties will conduct the switching of transmission voltage devices owned by the TSP at the Point of Interconnection and all transmission voltage devices owned by Generator in accordance with TSP’s procedures. TSP will provide a copy of such procedures to Generator upon request.
- n. Facility Connection Requirements – Generator will construct its facilities in accordance with the version of TSP’s Standard 520-108 (formerly 500-253) that is in effect at the time the Generator gives its notice to proceed with design and procurement, as referenced in Exhibit “B”.
- o. Tap Position – In accordance with ERCOT Requirements, Generator will work with TSP to select the (no load) tap position on Generator’s main power transformer(s). Generator will initiate contact with TSP to select such tap position no later than the date specified in Exhibit “B”. Notwithstanding TSP’s obligations in the remainder of this Agreement, TSP shall have no obligation to establish an electrical interconnection with the GIF until Generator and TSP have selected the tap position.

- p. Grading and Drainage – TSP will be responsible for the grading and drainage design for Old Country Switch and access drives to Old Country Switch in accordance with TSP's design specifications. TSP will install the final compacted flex base and surface rock in Old Country Switch. TSP will also be responsible for any required drainage improvements necessary to protect the Old Country Switch site and access drives against possible erosion. TSP will be responsible for continuing maintenance of site drainage beyond the Old Country Switch site and access drives property/easement as it affects the station site and/or the access drives integrity.
- q. Site Plan - Generator shall provide to TSP the Latitude and Longitude coordinates of all solar panel generating units and site drawings showing the proposed routes and locations of all generating units, transmission lines, distribution lines, and roads planned to be constructed by Generator by the date(s) specified in Exhibit "B".
- r. Return of Security Concerning Old Country Switch Land – If a Party terminates the Agreement in accordance with Section 2.1, and TSP has drawn on security in accordance with Section 8.3 or has otherwise been reimbursed by Generator to recover the termination costs in accordance with Section 2.2, including the cost it incurred (or committed to incur) to acquire the land rights needed for the Old Country Switch and access drives to the Old Country Switch ("Old Country Land"), TSP shall return the amount of such security or reimbursement to Generator, subject to item (2) below, within a reasonable time after the earlier to occur of, and consistent with, either of the following: (1) Oncor (a) determines that it will utilize the Old Country Land for purposes of the electric grid, (b) determines that the Old Country Land will be used and useful, and (c) seeks rate recovery of the Old Country Land in its TCOS, or (2) Oncor sells the Old Country Land; provided however, that if Oncor sells the Old Country Land, Oncor is obligated to return only the net proceeds of the sale less transaction costs, up to the amount of the security or reimbursement specified herein.

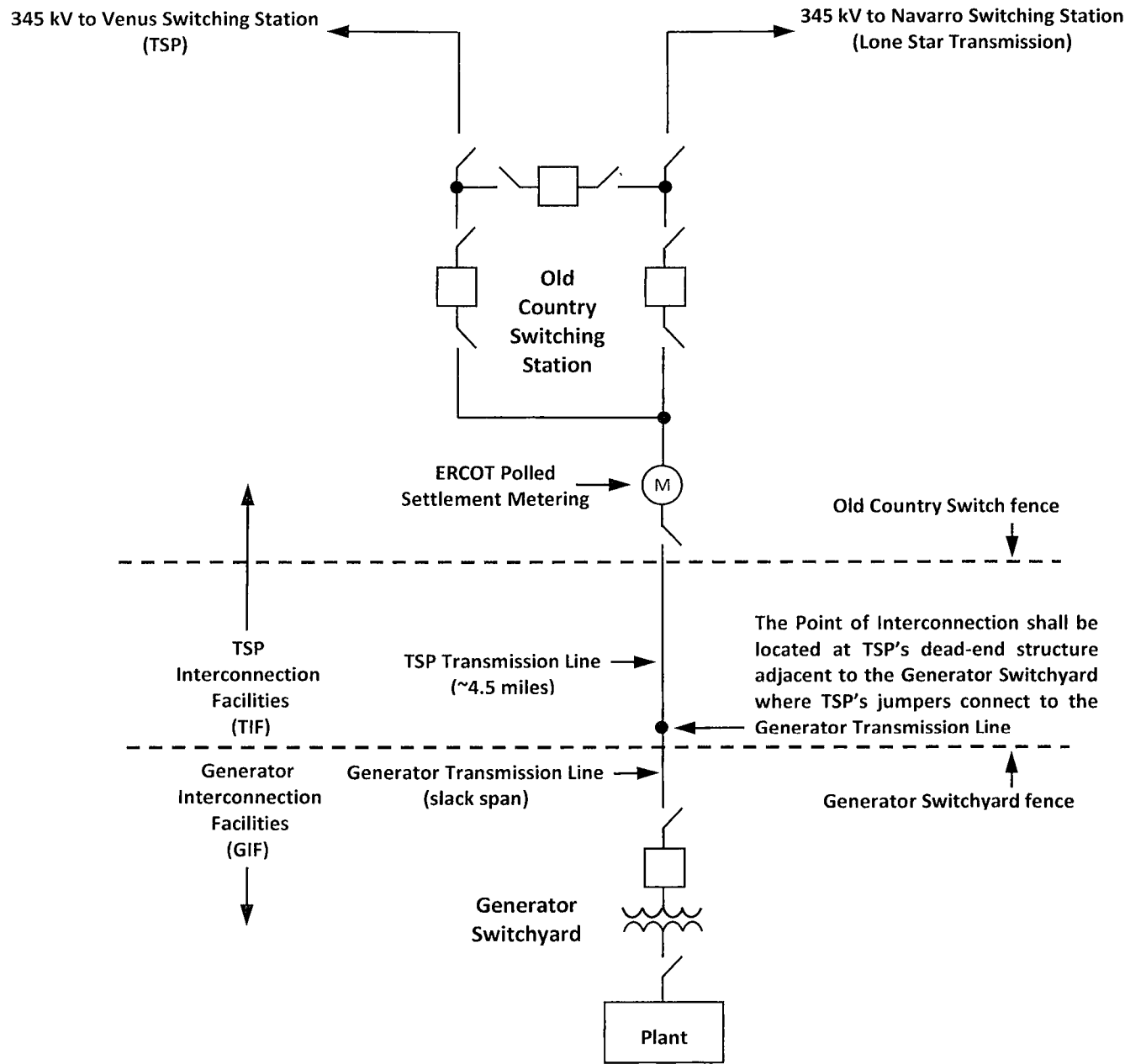
13. **Special Operating Conditions:**

A special ERCOT-approved operating arrangement such as a Remedial Action Plan or Remedial Action Scheme ("RAS") might be implemented to allow the Plant to generate power at levels higher than would otherwise be permitted by ERCOT. The terms "Remedial Action Plan" and "Remedial Action Scheme" shall have the meanings as set forth in the ERCOT Requirements. TSP and ERCOT will examine the need and feasibility of these arrangements in cooperation with the Generator. In the event that ERCOT determines that such an arrangement is permitted, then TSP, ERCOT, and Generator will cooperate to design and install the necessary facilities, to be operational for the duration of the period where such Remedial Action Plan or Remedial Action Scheme may be permitted.

14. The difference between the estimated cost of the TIF under 4.1.A (\$\_\_\_\_) and the estimated cost of the TIF under 4.1.B (\$\_\_\_\_) is N/A, if applicable.

Attachment 1 to Exhibit “C”  
ONE LINE DIAGRAM

TSP INTERCONNECTION FACILITIES AND  
GENERATOR INTERCONNECTION FACILITIES



Note: This one-line diagram is for illustration only and shall not be used for purposes of design, construction or operations.

**Attachment 2 to Exhibit “C”**

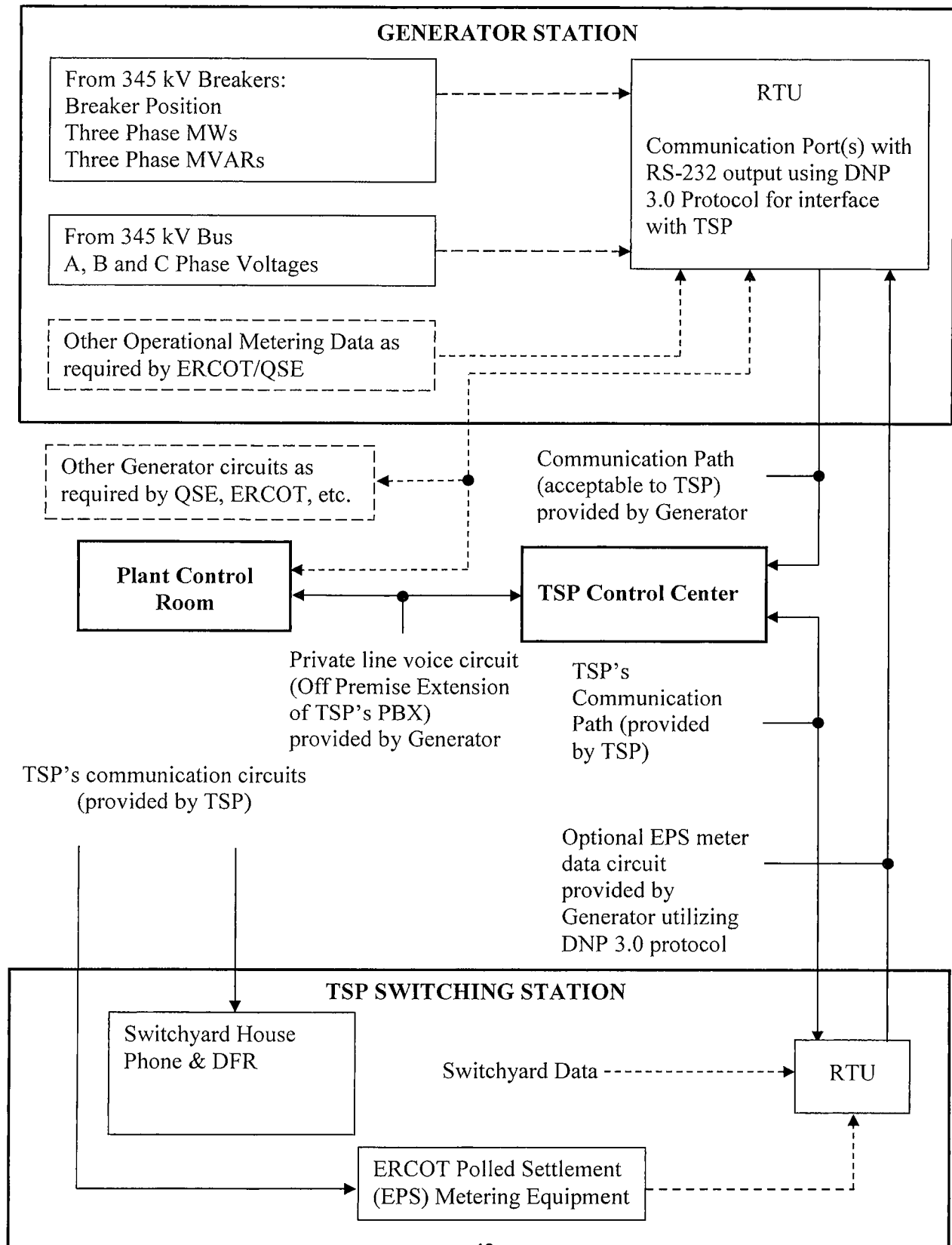
**SCADA TABLE**  
**INFORMATION REQUIRED BY TSP FROM GENERATOR**

<b><u>GIF DEVICE/BUS</u></b>	<b><u>DATA REQUIRED</u></b>
Each 345 kV Breaker	Status indication, three phase megawatts, and three phase megavars (Dry type breaker “A” contacts required for indication and 0 - 1 milliamp analog signal required for megawatt and megavar information)
Each 345 kV Bus	A, B and C Phase voltages (0 – 1 milliamp analog signal required for voltage information)
Each Reactive Device Breaker	Status indication, three phase megawatts, and three phase megavars (Dry type breaker “A” contacts required for indication and 0 - 1 milliamp analog signal required for megawatt and megavar information)
Each 345 kV Switch, Each Reactive Device Switch	Status indication (Dry type “A” contacts required for indication)

Note: The SCADA Table above does not include real-time operational metering data or other data required by ERCOT from the Generator or its Qualified Scheduling Entity.



## Attachment 2A to Exhibit "C" COMMUNICATION GUIDELINE



**Attachment 3 to Exhibit “C”**  
**SYSTEM PROTECTION REQUIREMENTS**

In addition to the provisions of Sections 5.6 and 6.1 of this Agreement, the following provisions shall apply with respect to system protection issues. To the extent there is a conflict between Sections 5.6 or 6.1 of this Agreement and this Attachment 3 to Exhibit “C”, the provisions of this Attachment 3 to Exhibit “C” shall apply.

Generator and TSP shall design, install, operate, maintain, and test system protection equipment consistent with the applicable criteria as described in the ERCOT Requirements and any applicable requirements of Governmental Authorities, including NERC Reliability Standards. To the extent necessary to comply with the testing provisions of these requirements, including the time intervals of such requirements, the circuit breakers in the TIF will be tripped during the required testing, and thus may require an outage or reduction of generation at the Plant. Generator shall, at its expense, provide modifications or additions to its control and protective equipment required to comply with changes in ERCOT Requirements or requirements of Governmental Authorities, including complying with NERC Reliability Standards.

Generator, using Good Utility Practice, shall install sufficient digital fault recording equipment to thoroughly analyze all system disturbances occurring on the GIF and the Plant and to thoroughly analyze the Plant and GIF performance during system disturbances on the ERCOT system. This equipment shall monitor the voltages at major nodes, current at major branches, breaker and switch positions, and dc logic in the relay control scheme.

Generator will provide to the TSP its proposed system protection design, device settings, and other information, as referenced below (“Generator System Protection Components”) for review by TSP, by the date specified on Exhibit “B”. Generator shall not modify its Generator System Protection Components, at any time during the term of this Agreement, without first submitting such planned modifications to TSP for review. Such review by TSP will be for the limited purpose of determining if Generator’s System Protection Equipment is compatible with TSP’s System Protection Equipment. The Generator System Protection Components submitted by Generator shall include, but shall not necessarily be limited to:

- 1) Design components: scheme types, one line diagram, relay functional, type of protective relays and associated communication equipment, and trip circuit diagrams for the interconnection breakers.

2) Device settings and other information: device settings, CT and VT/CCVT information, transformer connection configuration, transformer tap position(s) and associated positive and zero sequence impedances, transmission line positive and zero sequence impedances, and generator impedances, including the saturated sub-transient impedance, when appropriate.

TSP shall specify system protection and control schemes for the Point of Interconnection. Generator shall have the right to review and comment on such schemes and TSP shall consider Generator's comments when determining such schemes. Generator will install and maintain System Protection Equipment that is compatible with TSP's System Protection Equipment. TSP will work with the Generator to coordinate the establishment of the relay settings for System Protection Equipment owned by both Generator and TSP associated with the Point of Interconnection.

If the GIF facilitates the interconnection of generators to the Southwest Power Pool (or any other reliability council other than ERCOT), Generator will utilize open circuit breakers and air-break switches (which provide visible open indication) as a means of isolating such generators from ERCOT prior to switching them to such other reliability council.

Generator will design, construct, and operate its electrical facilities such that all unit auxiliary power sources will come from the same reliability council to which the unit output is connected.

**Exhibit "D"**

**Notice and Electronic Funds Transfer Information of the ERCOT Standard Generation Interconnection Agreement**

(a) Dispatch Center Communications:

If to Transmission Service Provider:	If to Generator (see the provisions of Exhibit C, section 12(b):
Fax number at TSP control center: (214) 273-6884	Fax number at Generator Control Center: [To be provided prior to the In-Service Date]
24/7 Telephone at TSP control center: (214) 743-6897	Off Premise Exchange Number for Generator Control Center: [To be provided prior to the In-Service Date]
	Other Generator Control Center 24/7 Number: [To be provided prior to the In-Service Date]

(b) Notices of an administrative nature:

If to Transmission Service Provider:	If to Generator:
Oncor Electric Delivery Company LLC Attn: Robert Holt 777 Main Street, Suite 1319 Ft. Worth, Texas 76102 Phone: 817-215-5812 E-mail: Robert.Holt@oncor.com	Oystercatcher Solar, LLC Attn: Jenna Haverhals 3963 Maple Avenue, Suite 200 Dallas, TX 75219 Phone: 214-545-5579 E-mail: jhaverhals@cicinc.net; cgale@cicinc.net

(c) Notice for statement and billing purposes:

If to: Transmission Service Provider	If to Generator:
Oncor Electric Delivery Company LLC Attn: Robert Holt 777 Main Street, Suite 1319 Ft. Worth, Texas 76102 Phone: 817-215-5812 E-mail: Robert.Holt@oncor.com	Oystercatcher Solar, LLC Attn: AP-Oystercatcher c/o Crystal Muenster, 3963 Maple Avenue, Suite 200 Dallas, TX 75219 Phone: 214-545-5582 E-mail: ap-oyster@cicinc.net

(d) Information concerning Electronic Funds Transfers:

If to: Transmission Service Provider	If to Generator:
JPMorgan Chase Bank	[Provide (d) prior to In-Service Date]
Houston, Texas ABA No. 021000021 For credit to: Oncor Electric Delivery Company LLC Account No. 08806169791	ABA No. _____ For credit to: _____ Account No. _____

## Exhibit “E” Security Arrangement Details

Effective on or before **January 13, 2023**, Generator shall cause to be established (the date of such establishment shall be the “Effective Date”), and shall at all times through the earlier of (i) five (5) business days after the date upon which TSP receives written notification from Generator that Commercial Operation has been achieved or (ii) ninety (90) days after the termination of the Agreement in accordance with its terms (the earlier of which shall be the “Final Expiration Date”), cause to be maintained in full force and effect an “Irrevocable Standby Letter of Credit” for the benefit of TSP in a commercially acceptable form consistent with this Exhibit E and otherwise acceptable to TSP and Generator, which acceptance shall not be unreasonably withheld, in the amount as set forth below. “Irrevocable Standby Letter of Credit” shall mean an irrevocable, transferable letter of credit, issued by a Generator-selected and TSP-approved (which approval shall not be unreasonably withheld), major U.S. commercial bank, or a U.S. branch office of a major foreign commercial bank, with a credit rating of at least “A-” by Standard & Poor’s or “A3” by Moody’s Investor Service (“Bank”). The Irrevocable Standby Letter of Credit shall be transferable, more than one time, in whole but not in part, in favor of any party whom TSP certifies has succeeded to TSP’s right, title and interest in and to this Agreement. Should TSP transfer such Irrevocable Standby Letter of Credit as stated above, Generator shall reimburse TSP for any costs it incurs from the Bank associated with such transfers.

If at any time during the term of this Agreement, the Bank suffers a credit rating reduction to less than “A-” by Standard & Poor’s or “A3” by Moody’s Investor Service, Generator shall replace that Irrevocable Standby Letter of Credit with another Irrevocable Standby Letter of Credit of the same amount and with the same beneficiary from another TSP-approved bank of Generator’s choice within fifteen (15) business days of the date of such event. Failure to provide a substitute Irrevocable Standby Letter of Credit within the time period specified above shall be deemed a Default under Section 10.6 of the Agreement, notwithstanding any cure period otherwise provided for in Section 10.6, and TSP may draw upon the Irrevocable Standby Letter of Credit to secure a cash deposit as security under this Agreement.

The Irrevocable Standby Letter of Credit may consist of one or more consecutive terms (each, a “Term”), the first of which shall be effective on or before the Effective Date and the last of which shall expire on the Final Expiration Date; provided, that, the Irrevocable Standby Letter of Credit shall automatically renew from Term to Term without amendment such that there shall be no interruption of surety provided by the Irrevocable Standby Letter of Credit from the Effective Date through the Final Expiration Date.

To the extent that the Bank has the unilateral right not to renew the Irrevocable Standby Letter of Credit for a successive Term, the Bank shall give notice to TSP and Generator in writing by certified mail, return receipt requested or via courier service, of the exercise of its right not to renew the Irrevocable Standby Letter of Credit for a successive Term (an “Expiring Term”) not less than ninety (90) days prior to the expiration date of any Expiring Term. Generator hereby agrees that in the event that the Bank gives such notice and Generator does not provide TSP with a substitute Irrevocable Standby Letter of Credit in substantially the same form as the expiring Irrevocable Standby Letter of Credit at least forty-five (45) days prior to the expiration date of any Expiring Term, TSP shall have the right to retain as security the full amount (as specified in the Irrevocable Standby Letter of Credit) of the expiring Irrevocable Standby Letter of Credit. The

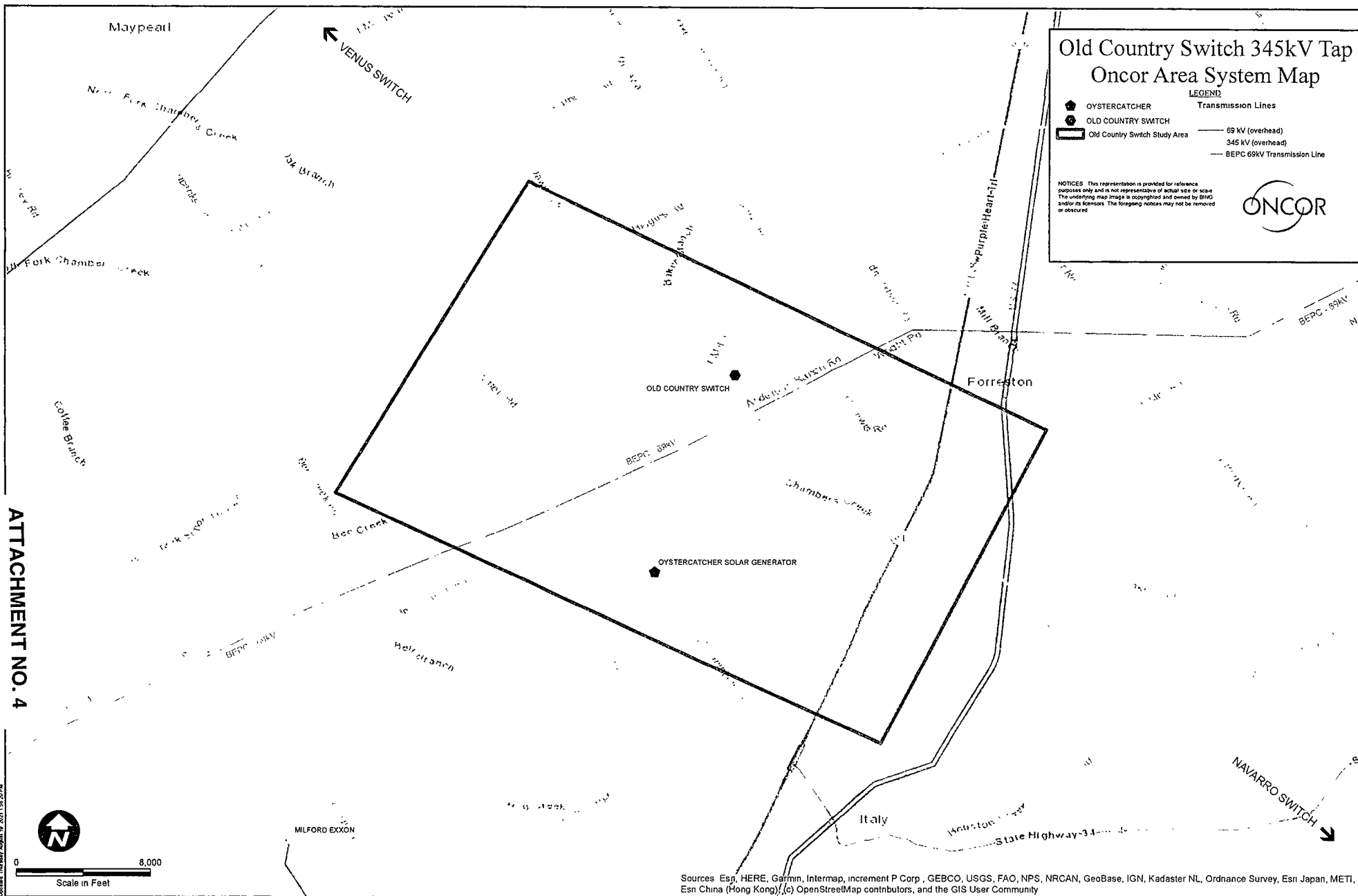
substitute Irrevocable Standby Letter of Credit shall meet the requirements of this Exhibit E and be otherwise acceptable to TSP and Generator, which acceptance shall not be unreasonably withheld. Failure to provide a substitute Irrevocable Standby Letter of Credit within the time period specified above shall be deemed a Default under Section 10.6 of the Agreement, notwithstanding any cure period otherwise provided for in Section 10.6, and TSP may draw upon the Irrevocable Standby Letter of Credit to secure a cash deposit as security under this Agreement.

In the event that an Irrevocable Standby Letter of Credit is set to expire on a date prior to the Final Expiration Date and Generator has not provided to TSP a substitute Irrevocable Standby Letter of Credit at least forty-five (45) days in advance of such expiration, TSP shall have the right to retain as security the full amount (as specified in the Irrevocable Standby Letter of Credit) of the expiring Irrevocable Standby Letter of Credit. The substitute Irrevocable Standby Letter of Credit shall meet the requirements of this Exhibit E and be otherwise acceptable to TSP and Generator, which acceptance shall not be unreasonably withheld. Failure to provide a substitute Irrevocable Standby Letter of Credit within the time period specified above shall be deemed a Default under Section 10.6 of the Agreement, notwithstanding any cure period otherwise provided for in Section 10.6, and TSP may draw upon the Irrevocable Standby Letter of Credit to secure a cash deposit as security under this Agreement.

Except to the extent that the Bank has the unilateral right not to renew the Irrevocable Standby Letter of Credit for a successive Term, the Irrevocable Standby Letter of Credit to be issued in connection herewith shall have no provision for termination by the Bank or Generator.

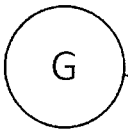
The Irrevocable Standby Letter of Credit shall provide surety to TSP by the dates in the cumulative amounts set forth in the following schedule:

<u>Date</u>	<u>Surety Amount</u>
On or before <b>January 13, 2023</b>	<b>\$15,277,419.00</b>
On or before <b>August 11, 2023</b>	<b>\$29,648,008.00</b>



ATTACHMENT NO. 4

CUSTOMER  
SUBSTATION

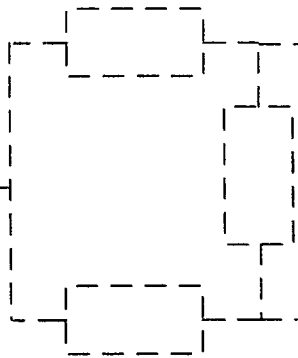


OYSTERCATCHER SOLAR LLC

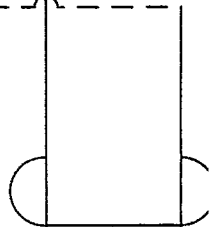
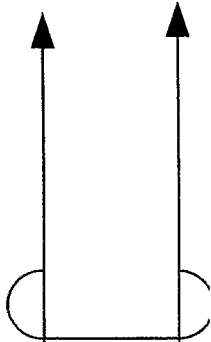
ONCOR



OLD COUNTRY  
345 KV  
SWITCH



VENUS  
SWITCH  
345 KV



NAVARRO  
SWITCH  
345 KV



# Office Memorandum



**Date:** August 4, 2021

**To:** File

**From:** Brenda J. Perkins

**Subject:** Alternative Routes Evaluation: Old Country Switch 345 kV Tap Transmission Line Project

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This memorandum discusses my evaluation of routing alternatives for Oncor Electric Delivery Company LLC's ("Oncor's") proposed Old Country Switch 345 kV Tap Transmission Line Project ("Proposed Transmission Line Project"). In addition to the recommendation for a route that best meets the requirements of the Texas Utilities Code and the Substantive Rules of the Public Utility Commission of Texas ("Commission"), I also selected alternative routes to be filed with this CCN Application.

The goal of this process is to provide the Commission with an adequate number of alternative routes to conduct a proper evaluation. These alternative routes provide good geographic diversity while complying with Section 37.056(c)(4)(A)-(D) of the Texas Utilities Code, Commission Procedural Rule 22.52(a)(4), and Commission Substantive Rule 25.101(b)(3)(B), including the Commission's policy of prudent avoidance.

My recommendations are based on my reconnaissance and observations of the project area, my independent review of the data included in the *Environmental Assessment and Alternative Route Analysis for Oncor Electric Delivery Company LLC's Proposed Old Country Switch 345 kV Tap Transmission Line Project in Ellis County, Texas* ("Environmental Assessment and Routing Study"), prepared by Freese and Nichols, Inc. ("FNI"), my discussions with FNI personnel, my discussions with Oncor personnel, my participation in the public participation meeting process, my review of correspondence related to the Proposed Transmission Line Project, my understanding of other input that Oncor received from interested parties, and other information. My recommendation incorporates consideration of engineering feasibility, the estimated cost of alternative routes, construction limitations, and other information.

FNI documented its efforts to identify potential preliminary alternative routes for the Proposed Transmission Line Project in Section 4.0 of the Environmental Assessment and Routing Study. After FNI completed the initial data gathering and constraints mapping process, they identified preliminary alternative route links on recent aerial photography from the United States Department of Agriculture National Agriculture Imagery Program. These preliminary alternative route links were selected considering the location of existing corridors, apparent property boundaries and routing constraints. Numerous preliminary alternative route links were identified by FNI, prior to the public participation meeting, that when combined, formed many preliminary alternative routes to connect the proposed Oystercatcher Solar Substation to the proposed Oncor Old Country Switch. The preliminary alternative route links evaluated by FNI are depicted in Figure 3-1 located in Appendix F of the Environmental Assessment and Routing Study.

**ATTACHMENT NO. 6**

Following the public participation meeting, modifications were made as a result of FNI's further evaluation of the preliminary alternative route links. The modified preliminary alternative route links are discussed in detail in Section 6.0 of the Environmental Assessment and Routing Study and are briefly summarized below.

In general, links were modified where possible to: minimize the length of line within native forest area, cross Chambers Creek along a natural clearing in the riparian vegetation, and provide straighter route alignment while increasing the distance from habitable structures. Following the preliminary alternative route link revisions, FNI identified a total of 157 alternative routes that were further evaluated, as discussed in Section 7.0 of the Environmental Assessment and Routing Study.

Each of the 157 preliminary alternative routes identified by FNI possesses both positive and negative comparative attributes. I considered each of these attributes to select a set of geographically diverse routing alternatives to be filed as a part of this Application. Each alternative route complies with Section 37.056(c)(4)(A)-(D) of the Texas Utilities Code and the Commission's Substantive Rule 25.101, including the Commission's policy of prudent avoidance.

Below, I will discuss the alternative routes that I have selected to be filed with the Application. The routes can be grouped in many different ways; one approach is the grouping of routes into geographic corridors. Alternative routes can be grouped into six different geographic corridors. These six corridors are identified as: the west corridor using Link F; the west corridor using Link H; the central corridor using Link Z; the central corridor using Link AA; the east corridor using Link CCC; and the east corridor using Link GGG. Due to the location of this project's endpoints being on opposite sides of Chambers Creek, all routes cross this creek. As shown in Figure 3-1 in the Environmental Assessment and Routing Study, most of the project's potential wetlands are near Chambers Creek or its tributaries.

I selected 43 geographically diverse alternative routes to be filed with the CCN Application to allow for an adequate number of alternative routes to conduct a proper evaluation. The links that comprise these routes are presented in Table 1. Table 2 presents quantifiable environmental data on the 43 alternative routes filed as a part of the CCN Application.

I then presented these 43 alternative routes to Oncor's engineer overseeing this project, Mr. Oscar Rodriguez, for consideration of engineering feasibility, construction limitations, and alternative route cost estimates. Below is a discussion of each of the six geographic corridors and the alternative routes selected for filing within each corridor.

The west corridor routes containing Link F ("Link F Corridor Routes") vary in length from approximately 4.0 to 4.3 miles. Transmission line costs for Link F Corridor Routes range from \$11,894,000 to \$12,997,000. Link F Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 4 to 5. The filed Link F Corridor Routes cross Chambers Creek using Links K, I or R. Unlike the Chambers Creek crossing of Links I and R, Link K's crossing of Chambers Creek has no potential wetland areas mapped by United States Fish and Wildlife Services ("USFWS"). The riparian areas crossed by the filed Link F Corridor

Routes vary from 1,575 to 2,832 feet. The 4 alternatives filed in the Application that are in the west Link F corridor include Alternative Routes 2, 3, 5 and 7.

The west corridor routes containing Link H (“Link H Corridor Routes”) vary in length from approximately 3.8 to 4.4 miles. Transmission line costs for Link H Corridor Routes range from \$12,124,000 to \$13,695,000. Link H Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 4 to 5. The filed Link H Corridor Routes cross Chambers Creek using Links L, K or I. Unlike the Chambers Creek crossing of Links I and L, Link K’s crossing of Chambers Creek has no potential wetland areas mapped by USFWS. The riparian areas crossed by the filed Link H Corridor Routes vary from 1,226 to 2,305 feet. The 8 alternatives filed in the Application that are in the west Link H corridor include Alternative Routes 69, 70, 71, 72, 73, 74, 139 and 140.

The central corridor routes using Link Z (“Link Z Corridor Routes”) contain the shortest filed route (Route 54) with route lengths varying from approximately 3.2 to 3.7 miles. Transmission line costs for Link Z Corridor Routes range from \$10,392,000 to \$11,432,000. Link Z Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 4 to 9. The filed Link Z Corridor Routes cross Chambers Creek using Link Z. No potential wetland areas have been mapped by USFWS near Link Z’s crossing of Chambers Creek. Filed Link Z Corridor Routes have the second to lowest range of riparian areas crossed: from 701 to 1,878 feet. The 10 alternatives filed in the Application that are in the central Link Z corridor include Alternative Routes 13, 14, 17, 18, 31, 54, 55, 57, 58 and 100.

The central corridor routes containing Link AA (“Link AA Corridor Routes”) vary in length from approximately 3.6 to 4.0 miles. Transmission line costs for Link AA Corridor Routes range from \$11,432,000 to \$12,770,000. Link AA Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 3 to 5. The filed Link AA Corridor Routes cross Chambers Creek using Link AA. Just to the north of Link AA’s crossing of Chambers Creek, a potential wetland area has been mapped by USFWS. Filed Link AA Corridor Routes have the lowest range of riparian areas crossed: from 650 to 1,827 feet. The 15 alternatives filed in the Application that are in the central Link AA corridor include Alternative Routes 19, 21, 22, 24, 25, 59, 60, 61, 62, 64, 65, 130, 131, 133 and 134.

The east corridor routes containing Link CCC (“Link CCC Corridor Routes”) vary in length from approximately 4.0 to 4.6 miles. Transmission line costs for Link CCC Corridor Routes range from \$11,707,000 to \$13,423,000. Link CCC Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 1 to 2. The filed Link CCC Corridor Routes cross Chambers Creek using Link EEE1. No potential wetland areas have been mapped by USFWS near Link EEE1’s crossing of Chambers Creek. Filed Link CCC Corridor Routes have the highest range of riparian areas crossed: from 4,245 to 5,140 feet. The 4 alternatives filed in the Application that are in the east Link CCC corridor include Alternative Routes 144, 145, 147 and 151.

The east corridor routes using Link GGG (“Link GGG Corridor Routes”) include the longest filed route (Route 150) with routes within this corridor varying in length from approximately 4.8 to 4.9 miles. Transmission line costs for Link GGG Corridor Routes range from \$13,400,000 to \$13,694,000. Link GGG Corridor Routes vary in the number of habitable structures within 500 feet of the route centerline from 1 to 2. Similar to Link CCC Corridor Routes, the filed Link GGG

Corridor Routes cross Chambers Creek using Link EEE1. No potential wetland areas have been mapped by USFWS near Link EEE1's crossing of Chambers Creek. Filed Link GGG Corridor Routes have the second-highest range of riparian areas crossed: from 3,635 to 3,892 feet. The 2 alternatives filed in the Application that are in the east Link GGG corridor include Alternative Routes 149 and 150.

After analyzing each of the 43 routes within the six geographic corridors, I selected Route 54 (Links A-T-U1-V1-X1-Y-Z-DD-FF-JJ-NN-OO) as the route that best meets the requirements of the Texas Utilities Code and the Commission's Substantive Rules.

The other significant factors which led to the selection of Route 54 include the following:

- The length of Alternative Route 54 is approximately 3.2 miles, which is the shortest among all the filed routes and approximately 1.7 miles shorter than the longest alternative route included in the Application (Alternative Route 150 is the longest at approximately 4.9 miles);
- The transmission line estimated cost for alternative Route 54 is the least expensive route at \$10,392,000. It is \$3,303,000 less than the most expensive alternative route (Route 72);
- Alternative Route 54 parallels existing compatible corridors for 43.8% of its length (including apparent property boundaries). Alternative Route 69 had the lowest percentage (8.3%) parallel to existing corridors; the highest percentage (59%) was along Alternative Route 55;
- there are five habitable structures within 500 feet of the centerline of Alternative Route 54 (Alternative Route 31 had the highest number of habitable structures (9) within 500 feet of the centerline);
- Alternative Route 54 crosses Chambers Creek parallel to an existing road corridor, Farm to Market ("FM") 876, utilizing Link Z, where no potential wetland areas have been mapped by the USFWS;
- Alternative Route 54 has no recorded cultural resource sites within 1,000 feet of its centerline (15 of the filed routes have one recorded cultural resource site within 1,000 feet of their centerline);
- Alternative Route 54 has no FAA-registered airport with a runway greater than 3,200 feet within 20,000 feet of the centerline along its entire length;
- Alternative Route 54 has no FAA-registered airports with a runway greater than 3,200 feet within 10,000 feet of the centerline along its entire length;
- Alternative Route 54 has no electronic installations within 2,000 feet of its centerline along its entire length;
- Alternative Route 54 crosses three FM, county roads or other streets along its entire length (the alternative route that crossed the greatest number of FM, county roads or other street crossings was Route 72, with 7 crossings);
- Alternative Route 54 has been judged to be feasible from an engineering perspective based on currently known conditions, without the benefit of on-the-ground and subsurface surveys, and there are no currently identifiable engineering constraints that impact this route that cannot be addressed with additional consideration by Oncor during the engineering and construction process.

Additional information concerning the issues addressed in this memorandum can be found in the Environmental Assessment and Routing Study, included as Attachment No. 1 to the CCN Application.

After considering all of the parameters and issues as discussed in this memo, I selected Route 54 as the route that best meets the requirements of the Texas Utilities Code and the Commission's Substantive Rules.

**Table 1. Composition of Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

Route	Link Sequence	Total Length (miles)
2	A - B - C - F - J - K - M - O - MM - OO	4.2
3	A - B - C - F - I - N - M - O - MM - OO	4.0
5	A - B - C - F - I - Q - FF - JJ - NN - OO	4.0
7	A - B - C - F - R - GG - HH - NN - OO	4.3
13	A - B - D - S - Z - DD - FF - JJ - NN - OO	3.6
14	A - B - D - S - Z - DD - FF - JJ - JP - PP - QQ - OO	3.6
17	A - B - D - S - Z - EE - JJ - NN - OO	3.7
18	A - B - D - S - Z - EE - JJ - JP - PP - QQ - OO	3.7
19	A - B - D - S - AA - BB - GG - HH - NN - OO	4.0
21	A - B - D - S - AA - BB - GG - II - WW - VV - PP - QQ - OO	4.0
22	A - B - D - S - AA - BB - GG - II - WW - UU - TT - QQ - OO	4.0
24	A - B - D - S - AA - CC - XX - WW - VV - PP - QQ - OO	4.0
25	A - B - D - S - AA - CC - XX - WW - UU - TT - QQ - OO	4.0
31	A - T - U - V - X - Y - Z - DD - FF - JJ - NN - OO	3.3
54	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - NN - OO	3.2
55	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - JP - PP - QQ - OO	3.3
57	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - NN - OO	3.3
58	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - JP - PP - QQ - OO	3.3
59	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - NN - OO	3.6
60	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - JP - PP - QQ - OO	3.6
61	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO	3.6
62	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO	3.6
64	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - VV - PP - QQ - OO	3.6
65	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - UU - TT - QQ - OO	3.6
69	A - T - U1 - V1 - X1 - Y - S - G - H - J - L - O - MM - OO	4.4
70	A - T - U1 - V1 - X1 - Y - S - G - H - J - K - M - O - MM - OO	4.0
71	A - T - U1 - V1 - X1 - Y - S - G - H - I - N - M - O - MM - OO	3.8
72	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - KK - P - M - O - MM - OO	4.2
73	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - NN - OO	3.8
74	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - JP - PP - QQ - OO	3.8
100	A - T - U - V - W - X1 - Y - Z - DD - FF - JJ - NN - OO	3.3
130	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO	3.8
131	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO	3.8
133	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - VV - PP - QQ - OO	3.8
134	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - UU - TT - QQ - OO	3.8
139	A - T - U1 - V1 - W2 - Y - S - G - H - J - K - M - O - MM - OO	4.1
140	A - T - U1 - V1 - W2 - Y - S - G - H - I - N - M - O - MM - OO	3.9
144	A - T - EEE - EEE1 - CCC - XX - WW - VV - PP - QQ - OO	4.0
145	A - T - EEE - EEE1 - CCC - XX - WW - UU - TT - QQ - OO	4.0
147	A - T - EEE - EEE1 - CCC - YY - ZZ - RR - OO	4.6
149	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - RR - OO	4.7
150	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - SS - TT - QQ - OO	4.9
151	A - T - U1 - DDD - EEE1 - CCC - XX - WW - VV - PP - QQ - OO	4.2

**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	2	3	5	7	13	14	17	18
Length of alternative route (feet)	22,278	21,211	21,217	22,717	18,906	19,136	19,306	19,536
Length of alternative route (miles)	4.2	4.0	4.0	4.3	3.6	3.6	3.7	3.7
Length of route parallel to existing electric transmission lines	0	0	0	0	0	0	2,228	2,228
Length of route parallel to railroads	0	0	0	0	0	0	0	0
Length of route parallel to existing public roads/highways	2,187	5,026	3,061	0	6,560	7,719	5,963	7,122
Length of route parallel to pipelines	0	0	0	0	0	0	0	0
Length of route parallel to apparent property boundaries	3,011	5,850	3,885	1,928	6,054	8,770	5,457	8,173
Length of route parallel to existing compatible rights-of-way	3,011	5,850	3,885	5,958	7,384	10,100	6,787	9,503
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	4	4	5	6	4	4	4	4
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0
Length of route through commercial/industrial areas	0	0	0	0	0	0	0	0
Length of the route across cropland/hay meadow	8,056	7,260	7,966	8,846	8,581	8,232	9,051	8,702
Length across rangeland pasture	1,147	1,147	1,147	1,147	0	0	0	0
Length of route across agricultural cropland with mobile irrigation systems	0	0	0	0	0	0	0	0
Length of route across upland woodlands	8,426	7,160	7,160	7,467	6,342	6,342	6,342	6,342
Length of route across riparian areas	2,832	2,201	1,753	1,575	1,465	1,878	1,465	1,878
Length of route across potential wetlands	0	154	154	151	104	104	104	104
Number of stream crossings by the route	7	5	5	5	7	7	7	7
Length of route parallel to streams (within 100 feet)	325	325	325	325	325	655	325	655
Length across lakes or ponds (open waters)	0	0	0	0	0	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0	0	0	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0	0	0	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0	0	0	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across areas of high archaeological/historical site potential	2,832	2,201	1,753	1,575	1,465	1,878	1,465	1,878
Number of private airstrips within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0	0	0	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0	0	0	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	3	3	3	4	3	3	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0	0	0	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0

Note: All length measurements are provided in feet, unless otherwise stated. All linear measurements were obtained from Digital Globe ortho imagery flown in 2020. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 6 meters or approximately +/- 20 feet.

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<sup>2</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	19	21	22	24	25	31	54	55
Length of alternative route (feet)	20,883	21,119	21,095	21,154	21,130	17,354	16,940	17,170
Length of alternative route (miles)	4.0	4.0	4.0	4.0	4.0	3.3	3.2	3.3
Length of route parallel to existing electric transmission lines	1026	1278	2195	3293	4210	0	0	0
Length of route parallel to railroads	0	0	0	0	0	0	0	0
Length of route parallel to existing public roads/highways	0	907	917	907	917	7420	7420	8579
Length of route parallel to pipelines	0	0	0	0	0	0	0	0
Length of route parallel to apparent property boundaries	1,928	4,167	4,132	5,532	5,497	6,090	6,090	8,806
Length of route parallel to existing compatible rights-of-way	4,604	7,095	7,060	5,532	5,497	7,420	7,420	10,136
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	4	3	3	3	3	9	5	5
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0
Length of route through commercial/industrial areas	0	0	0	0	0	0	0	0
Length of the route across cropland/hay meadow	10,904	10,580	10,337	9,811	9,568	9,030	9,030	8,681
Length across rangeland pasture	0	0	0	0	0	2590	2324	2324
Length of route across agricultural cropland with mobile irrigation systems	0	0	0	0	0	0	0	0
Length of route across upland woodlands	6342	6342	6342	7051	7051	3278	2934	2934
Length of route across riparian areas	1414	1827	1827	1827	1827	701	701	1114
Length of route across potential wetlands	187	187	187	236	236	104	104	104
Number of stream crossings by the route	6	6	6	6	6	3	4	4
Length of route parallel to streams (within 100 feet)	325	655	655	860	860	0	0	330
Length across lakes or ponds (open waters)	0	0	0	0	0	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0	0	0	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0	0	0	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0	0	0	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	1	1	1	1	1	0	0	0
Length of the route across areas of high archaeological/historical site potential	1414	1827	1827	1827	1827	701	701	1114
Number of private airstrips within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0	0	0	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0	0	0	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	3	3	3	3	3	3	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0	0	0	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0

Note: All length measurements are provided in feet, unless otherwise stated. All linear measurements were obtained from Digital Globe ortho imagery flown in 2020. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 6 meters or approximately +/- 20 feet.

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<sup>2</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.



**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	57	58	59	60	61	62	64	65
Length of alternative route (feet)	17,340	17,570	18,917	19,147	19,153	19,129	19,188	19,164
Length of alternative route (miles)	3.3	3.3	3.6	3.6	3.6	3.6	3.6	3.6
Length of route parallel to existing electric transmission lines	2228	2228	1026	1026	1278	2195	3293	4210
Length of route parallel to railroads	0	0	0	0	0	0	0	0
Length of route parallel to existing public roads/highways	6823	7982	860	2019	1767	1777	1767	1777
Length of route parallel to pipelines	0	0	0	0	0	0	0	0
Length of route parallel to apparent property boundaries	5,493	8,209	1,964	4,680	4,203	4,168	5,568	5,533
Length of route parallel to existing compatible rights-of-way	6,823	9,539	4,640	7,356	7,131	7,096	5,568	5,533
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	5	5	5	5	4	4	4	4
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0
Length of route through commercial/industrial areas	0	0	0	0	0	0	0	0
Length of the route across cropland/hay meadow	9,500	9,151	11,353	11,004	11,029	10,786	10,260	10,017
Length across rangeland pasture	2324	2324	2324	2324	2324	2324	2324	2324
Length of route across agricultural cropland with mobile irrigation systems	0	0	0	0	0	0	0	0
Length of route across upland woodlands	2934	2934	2934	2934	2934	2934	3643	3643
Length of route across riparian areas	701	1114	650	1063	1063	1063	1063	1063
Length of route across potential wetlands	104	104	187	187	187	187	236	236
Number of stream crossings by the route	4	4	3	3	3	3	3	3
Length of route parallel to streams (within 100 feet)	0	330	0	330	330	330	535	535
Length across lakes or ponds (open waters)	0	0	0	0	0	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0	0	0	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0	0	0	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0	0	0	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	0	0	1	1	1	1	1	1
Length of the route across areas of high archaeological/historical site potential	701	1114	650	1063	1063	1063	1063	1063
Number of private airstrips within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0	0	0	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0	0	0	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	3	3	3	3	3	3	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0	0	0	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0

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<sup>2</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	69	70	71	72	73	74	100	130
Length of alternative route (feet)	23,403	20,872	19,805	22,159	19,811	20,041	17,686	19,981
Length of alternative route (miles)	4.4	4.0	3.8	4.2	3.8	3.8	3.3	3.8
Length of route parallel to existing electric transmission lines	0	0	0	0	0	0	0	1278
Length of route parallel to railroads	0	0	0	0	0	0	0	0
Length of route parallel to existing public roads/highways	860	3047	5886	5036	3921	5080	7420	1767
Length of route parallel to pipelines	0	0	0	0	0	0	0	0
Length of route parallel to apparent property boundaries	1,950	4,137	6,976	8,085	5,011	7,727	7,279	7,241
Length of route parallel to existing compatible rights-of-way	1,950	4,137	6,976	8,085	5,011	7,727	8,609	10,169
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	4	4	4	4	5	5	8	4
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0
Length of route through commercial/industrial areas	0	0	0	0	0	0	0	0
Length of the route across cropland/hay meadow	10,116	9,106	8,310	10,384	9,016	8,667	9,030	11,029
Length across rangeland pasture	2324	2324	2324	2324	2324	2324	2918	2324
Length of route across agricultural cropland with mobile irrigation systems	0	0	0	0	0	0	0	0
Length of route across upland woodlands	4986	4456	3190	3190	3190	3190	3074	3636
Length of route across riparian areas	1411	2305	1674	1674	1226	1639	701	1063
Length of route across potential wetlands	325	205	359	359	359	359	104	187
Number of stream crossings by the route	8	8	6	6	6	6	3	3
Length of route parallel to streams (within 100 feet)	0	0	0	0	0	330	0	330
Length across lakes or ponds (open waters)	0	0	0	0	0	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0	0	0	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0	0	0	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0	0	0	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	0	0	0	0	0	0	0	1
Length of the route across areas of high archaeological/historical site potential	1411	2305	1674	1674	1226	1639	701	1063
Number of private airstrips within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0	0	0	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0	0	0	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	5	5	5	7	5	5	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0	0	0	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0

Note: All length measurements are provided in feet, unless otherwise stated. All linear measurements were obtained from Digital Globe ortho imagery flown in 2020. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 6 meters or approximately +/- 20 feet.

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**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	131	133	134	139	140	144	145	147
Length of alternative route (feet)	19,957	20,016	19,992	21,700	20,633	21,118	21,094	24,082
Length of alternative route (miles)	3.8	3.8	3.8	4.1	3.9	4.0	4.0	4.6
Length of route parallel to existing electric transmission lines	2195	3293	4210	0	0	0	917	3060
Length of route parallel to railroads	0	0	0	0	0	0	0	0
Length of route parallel to existing public roads/highways	1777	1767	1777	3047	5886	907	917	0
Length of route parallel to pipelines	0	0	0	0	0	0	0	0
Length of route parallel to apparent property boundaries	7,206	8,606	8,571	7,175	10,014	8,658	8,623	4,940
Length of route parallel to existing compatible rights-of-way	10,134	8,606	8,571	7,175	10,014	8,658	8,623	7,010
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	4	4	4	4	4	1	1	2
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0	0	0	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0
Length of route through commercial/industrial areas	0	0	0	0	0	0	0	0
Length of the route across cropland/hay meadow	10,786	10,260	10,017	9,106	8,310	11,069	10,826	12,152
Length across rangeland pasture	2324	2324	2324	2324	2324	1428	1428	1428
Length of route across agricultural cropland with mobile irrigation systems	0	0	0	0	0	0	0	0
Length of route across upland woodlands	3636	4345	4345	5158	3892	1345	1345	1345
Length of route across riparian areas	1063	1063	1063	2305	1674	4245	4245	5140
Length of route across potential wetlands	187	236	236	205	359	0	0	0
Number of stream crossings by the route	3	3	3	8	6	7	7	9
Length of route parallel to streams (within 100 feet)	330	535	535	0	0	330	330	0
Length across lakes or ponds (open waters)	0	0	0	0	0	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0	0	0	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0	0	0	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0	0	0	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	1	1	1	0	0	0	0	0
Length of the route across areas of high archaeological/historical site potential	1063	1063	1063	2305	1674	4245	4245	5140
Number of private airstrips within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0	0	0	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0	0	0	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0	0	0	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0	0	0	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	3	3	3	5	5	3	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0	0	0	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0	0	0	0	0	0

Note: All length measurements are provided in feet, unless otherwise stated. All linear measurements were obtained from Digital Globe ortho imagery flown in 2020. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 6 meters or approximately +/- 20 feet.

<sup>1</sup> Structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis. Habitable structures include but are not limited to a single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools. The aerial photography used to determine the distance of habitable structures within 500 feet of the centerline of each alternative route has a horizontal accuracy of +/- 20 feet. To account for this level of accuracy, FNI identified all habitable structures within a measured distance of 520 feet of each alternative route centerline.

<sup>2</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

**Table 2. Environmental Data for Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

	149	150	151
Length of alternative route (feet)	25,065	26,118	22,242
Length of alternative route (miles)	4.7	4.9	4.2
Length of route parallel to existing electric transmission lines	7108	7837	0
Length of route parallel to railroads	0	0	0
Length of route parallel to existing public roads/highways	0	1756	907
Length of route parallel to pipelines	0	0	0
Length of route parallel to apparent property boundaries	5,002	7,566	8,658
Length of route parallel to existing compatible rights-of-way	11,120	13,647	8,658
Number of habitable structures within 500 feet of the route centerline <sup>1</sup>	2	1	2
Number of parks or recreational areas within 1,000 feet of the route centerline	0	0	0
Length of the route across parks/recreational areas <sup>2</sup>	0	0	0
Length of route through commercial/industrial areas	0	0	0
Length of the route across cropland/hay meadow	15,304	16,310	11,642
Length across rangeland pasture	1428	1428	2100
Length of route across agricultural cropland with mobile irrigation systems	0	0	0
Length of route across upland woodlands	681	681	1345
Length of route across riparian areas	3635	3892	4359
Length of route across potential wetlands	832	832	0
Number of stream crossings by the route	5	5	7
Length of route parallel to streams (within 100 feet)	0	330	475
Length across lakes or ponds (open waters)	0	0	0
Number of known rare/unique plant locations within the right-of-way	0	0	0
Length of route through known habitat of endangered or threatened species	0	0	0
Number of recorded cultural resource sites crossed by the route	0	0	0
Number of recorded cultural resources within 1,000 feet of the route centerline	0	0	0
Length of the route across areas of high archaeological/historical site potential	3635	3892	4359
Number of private airstrips within 10,000 feet of the route centerline	0	0	0
Number of FAA registered airports with at least one runway more than 3,200 feet in length within 20,000 feet of route centerline	0	0	0
Number of FAA registered airports with no runway greater than 3,200 feet in length within 10,000 feet of route centerline	0	0	0
Number of heliports located within 5,000 ft of the route centerline	0	0	0
Number of commercial AM radio transmitters located within 10,000 feet of the route centerline	0	0	0
Number of FM, microwave, and other electronic installations within 2,000 feet of the route centerline	0	0	0
Number of U.S. or State Highway crossings by the route	0	0	0
Number of farm to market (FM) country roads, or other street crossings by the route	3	3	3
Estimated length of right-of-way within foreground visual zone of U.S. and State Highways	0	0	0
Estimated length of right-of-way within foreground visual zone of park/recreational areas <sup>2</sup>	0	0	0

Note: All length measurements are provided in feet, unless otherwise stated. All linear measurements were obtained from Digital Globe ortho imagery flown in 2020. The aerial photography was ortho-rectified to National Map Accuracy Standards of +/- 6 meters or approximately +/- 20 feet.

<sup>1</sup> Structures normally inhabited by humans or intended to be inhabited by humans on a daily or regular basis. Habitable structures include but are not limited to a single-family and multi-family dwellings and related structures, mobile homes, apartment buildings, commercial structures, industrial structures, business structures, churches, hospitals, nursing homes, and schools. The aerial photography used to determine the distance of habitable structures within 500 feet of the centerline of each alternative route has a horizontal accuracy of +/- 20 feet. To account for this level of accuracy, FNI identified all habitable structures within a measured distance of 520 feet of each alternative route centerline.

<sup>2</sup> Defined as parks and recreational areas owned by a governmental body or an organized group, club, or church.

Landowner Mailing List												
ROUTES DIRECTLY AFFECTED	ROUTES WITHIN 520 FT	SEGMENT DIRECTLY AFFECTED	SEGMENT WITHIN 520 FT	TRACT	HABITABLE STRUCTURE	LAST NAME	FIRST NAME	ATTN TO/CARE OF	ADDRESS	CITY	STATE	ZIP
147, 149	147, 149, 150	RR	RR, SS, ZZ	1	14	GONZALEZ	JULIO I		4181 JOE WILSON RD	MIDLOTHIAN	TX	76065
147, 149	147, 149, 150	RR	RR, SS, ZZ	1	14	IBANEZ	MARIA V		4181 JOE WILSON RD	MIDLOTHIAN	TX	76065
2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	A, B, C, D, F, T	A, B, C, D, F, G, H, S, T, U, U1, V, W, X, EEE	2, 7	1	REYEROSA LTD		Attn: Charles E. Gale	3963 MAPLE AVE, SUITE 200	DALLAS	TX	75219
2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 100	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 100	B, V, W, X	B, V, W, X	3	2, 3	RAMEY	EDWIN B & NORMA J		1723 L R CAMPBELL RD	ITALY	TX	76651
2, 3, 69, 70, 71, 72, 139, 140	2, 3, 69, 70, 71, 72, 139, 140	L, M, O	K, KK, L, M, MM, N, O, P	4		SANCHEZ	COREY S & JULIA		6802 FM 876	WAXAHACHIE	TX	75167
2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140	F, H, I, J, K, L, M, N, P, Q, R, AA, BB, CC, DD, EE, GG, HH, II, Z, FF, JJ, KK	C, F, H, I, J, K, L, M, N, P, Q, R, Z, AA, BB, CC, DD, EE, FF, GG, HH, II, JJ, JP, KK, NN, PP, UU, VV, WW, XX, YY, BBB, CCC, DDD	5, 6, 15, 29	13	CHAMBERS CREEK RANCH LP		Attn: Barron U. Kidd	3838 OAK LAWN AVE STE 910	DALLAS	TX	75219
***	144, 145, 147, 149, 150, 151	***	CCC, EEE1, GGG, ZZ1	8, 9		BYNUM	JIMMY C		575 BILL LEWIS RD	FORRESTON	TX	76041
13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	AA, DDD, EEE, EEE1, S, T, U, U1, V, V1, W, W2, X, X1, Y, Z	A, AA, B, CCC, D, DDD, EEE, EEE1, G, GGG, S, T, U, U1, V, V1, W, W2, X, X1, Y, Z	11	9, 10, 11	LONESTAR TEXAS LAND & CATTLE CO LLC		Attn: T. Edgard Paup	500 HAZELWOOD DRIVE	FORT WORTH	TX	76107
***	144, 145, 147, 149, 150, 151		CCC, EEE1, GGG	12		MC CRADY	KENNETH A		2001 YORKSTOWN DR	ENNIS	TX	75119
13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 139, 140	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140	G, H, D, S, Z	O, F, G, H, I, J, R, S, W2, X, X1, Y, Z, AA	13, 17, 19, 35, 36, 38		TENERY	ROBERT MAYO III		15377 COUNTY ROAD 434	LINDALE	TX	75771
144, 145, 147, 149, 150, 151	144, 145, 147, 149, 150, 151	EEE1	CCC, EEE1, GGG	14		MC CRADY	WILLIAM B		2833 COUNTY ROAD 3168	CLEBURNE	TX	76031
***	19, 21, 22, 24, 25, 59, 60, 61, 62, 64, 65, 130, 131, 133, 134	***	AA	16		FERGUSON, ET AL	DAVID M		505 WALNUT STREET	FORRESTON	TX	76041
***	19, 21, 22, 24, 25, 59, 60, 61, 62, 64, 65, 130, 131, 133, 134	***	AA	16		FERGUSON, ET AL	DAVID M		P O BOX 127	FORRESTON	TX	76041
13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100	13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 131, 133, 134, 139, 140	D, X, X1	D, G, S, V, V1, W, W2, X, X1, Y	18, 31		PARTRIDGE	DAVID B		1427 HOBSON DRIVE	RICHMOND	TX	77406
2, 3, 5, 7	2, 3, 5, 7	F	F	21	12	HOLT	DAVID L		P O BOX 412	ITALY	TX	76651
31, 100	31, 100	V, W, X	V, W, X	22	8	MAY	RANDY		1811 L R CAMPBELL	ITALY	TX	76651
31, 100	31, 100	V, W, X	V, W, X	23	4	WOOD	MARCUS W & SANDRA		1739 L R CAMPBELL RD	ITALY	TX	76651
21, 22, 24, 25, 61, 62, 64, 65, 130, 131, 133, 134, 144, 145, 147, 149, 150, 151	5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 73, 74, 100, 130, 131, 133, 134, 144, 145, 147, 149, 150, 151	CC, CCC, EEE1, GGG, II, RR, SS, TT, UU, VV, WW, XX, YY, ZZ, ZZ1	CC, CCC, EEE1, GG, GGG, HH, II, JJ, JP, NN, PP, QQ, RR, SS, TT, UU, VV, WW, XX, YY, ZZ, ZZ1	24, 25		WALKER, ET AL	DON G		2215 FM 1446	WAXAHACHIE	TX	75167
144, 145, 147, 149, 150, 151	144, 145, 147, 149, 150, 151	EEE1	CCC, EEE1, GGG	26		TITTSWORTH, ET AL	VICKI		515 VENICE DRIVE	ITALY	TX	76651
31, 100	31, 100	V, W, X	V, W, X	27	6, 7	WOOD	STEVEN W & LORI G		1809 L R CAMPBELL RD	ITALY	TX	76651
31, 100	31, 100	V, W, X	V, W, X	28	5	WOOD	PAULINE		1805 L R CAMPBELL RD	ITALY	TX	76651

\*\*\* Denotes property within 520 ft. of filed route segment, property not crossed by route segment and contains no habitable structures within 520 ft. of filed route segment

ROUTES DIRECTLY AFFECTED	ROUTES WITHIN 520 FT	SEGMENT DIRECTLY AFFECTED	SEGMENT WITHIN 520 FT	TRACT	HABITABLE STRUCTURE	LAST NAME	FIRST NAME	ATTN TO/CARE OF	ADDRESS	CITY	STATE	ZIP
***	31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	***	EEE, T, U, U1	30		DUKE	DAVID G		1416 L R CAMPBELL RD	ITALY	TX	76651
31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	DDD,EEE,T	A, B, DDD, EEE, T, U, U1	32		WEARY	ANNE C		P O BOX 347	ITALY	TX	76651
2, 3, 5, 7, 13, 14, 17, 18, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	HH, JJ, JP, MM, NN, O, OO, PP, QQ, RR, TT, VV	EE, FF, HH, JJ, JP, K, KK, L, M, MM, N, NN, O, OO, P, PP, QQ, RR, SS, TT, UU, VV, WW	33		TAMMINGA	LUKE		P O BOX 1069	WAXAHACHIE	TX	75168
2, 3, 5, 7, 13, 14, 17, 18, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	2, 3, 5, 7, 13, 14, 17, 18, 19, 21, 22, 24, 25, 31, 54, 55, 57, 58, 59, 60, 61, 62, 64, 65, 69, 70, 71, 72, 73, 74, 100, 130, 131, 133, 134, 139, 140, 144, 145, 147, 149, 150, 151	HH, JJ, JP, MM, NN, O, OO, PP, QQ, RR, TT, VV	EE, FF, HH, JJ, K, KK, L, M, MM, N, NN, O, OO, P, PP, QQ, RR, SS, TT, UU, VV, WW	33		TAMMINGA	LUKE		4401 FM 876	WAXAHACHIE	TX	75167
147, 149	147, 149, 150	RR	RR, SS, ZZ	34		GRYDER	JAMES D & JULIE A		200 MODENE AVENUE	WAXAHACHIE	TX	75165
147, 149	147, 149, 150	RR	RR, SS, ZZ	34		GRYDER	JAMES D & JULIE A		1100 ANDERSON RANCH ROAD	WAXAHACHIE	TX	75167
147, 149	14, 18, 21, 22, 24, 25, 55, 58, 60, 61, 62, 64, 65, 74, 130, 131, 133, 134, 144, 145, 147, 149, 150, 151	RR	PP, QQ, RR, SS, TT, UU	37		JMVI PROPERTIES LLC		Attn: Maria Ibanez	4181 JOE WILSON ROAD	MIDLOTHIAN	TX	76065
Courtesy Notices												
						PERMIAN BASIN PETROLEUM ASSOCIATION			700 N COLORADO AVE , SUITE A	MIDLAND	TX	79701

\*\*\* Denotes property within 520 ft. of filed route segment, property not crossed by route segment and contains no habitable structures within 520 ft. of filed route segment

***Application of Oncor Electric Delivery Company LLC to Amend Its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, Texas***

**PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 52455**

*Landowner*

This notice is provided to notify you of the intent of Oncor Electric Delivery Company LLC (“Oncor”) to construct a new 345 kilovolt (“kV”) transmission line between the proposed Oncor Old Country Switch station and the proposed Oystercatcher Solar Substation, both located in Ellis County.

The proposed Oncor Old Country Switch station will be located along the existing Oncor Venus Switch – Navarro Switch 345 kV transmission line approximately two miles to the west of Interstate Highway 35 East (I-35E) and approximately 0.3 miles to the east of Farm to Market Road (FM) 876. The Oystercatcher Solar Substation is located proximal to the intersection of Iola Lane and L R Campbell Road approximately 3.5 miles to the north-northwest of Italy, Texas. The Proposed Transmission Line Project will be approximately 5 miles to the northwest of downtown Italy, Texas. The proposed transmission line will be approximately 3.2 – 4.9 miles in length, depending on which route is selected by the Public Utility Commission of Texas (“PUC”). The estimated cost of this project is \$18,217,000 - \$21,520,000.

Your land may be directly affected by this docket. If the applicant’s route is approved by the PUC, the applicant will have the right to build a facility which may directly affect your land. This docket will not determine the value of your land or the value of an easement if one is needed by the applicant to build the facility. If you have questions about the transmission line, you may contact Ife Adetoro of Oncor at (214) 486-4918.

A detailed routing map may be reviewed at the following location:

Display Location	Address
Public Works and Utilities Department	413 Clark St. Italy, TX 76651

***All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.***

The enclosed brochure entitled “Landowners and Transmission Line Cases at the PUC” provides basic information about how you may participate in this docket, and how you may contact the PUC. Please read this brochure carefully. The brochure includes sample forms for making comments and for making a request to intervene as a party in this docket. ***The only way to fully participate in the PUC’s decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because the utility is not obligated to keep affected persons informed of the PUC’s proceedings and cannot predict which route may or may not be approved by the PUC.***

In addition to the contacts listed in the brochure, you may call the PUC’s Customer Assistance Hotline at (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC’s Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2989. If you wish to participate in this proceeding by becoming an intervenor, the deadline for intervention in the proceeding is **October 11, 2021**,

**ATTACHMENT NO. 8**

which is 45 days after filing of the application, and the PUC should receive a letter from you requesting intervention by that date. The request to intervene form is included with your brochure.

Due to the COVID-19 pandemic, the preferred method for you to file your request for intervention is electronically, and you will be required to serve the request on all other parties by email. Therefore, please include your own email address on the intervention form. Instructions for electronic filing via the “PUC Filer” on the Commission’s website can be found here: <https://interchange.puc.texas.gov/filer>. Instructions for using the PUC Filer are available at [http://www.puc.texas.gov/industry/filings/New\\_PUC\\_Web\\_Filer\\_Presentation.pdf](http://www.puc.texas.gov/industry/filings/New_PUC_Web_Filer_Presentation.pdf). For assistance with your electronic filing, please contact the Commission’s Help Desk at (512) 936-7100 or [helpdesk@puc.texas.gov](mailto:helpdesk@puc.texas.gov). You can review materials filed in this docket on the PUC Interchange at: <http://interchange.puc.texas.gov/>.

While the preferred method is for you to submit your request for intervention electronically, if you are unable to do so, you may file your request for intervention by mailing a hard copy of your request to the PUC, and the request should be received by the intervention deadline date of **October 11, 2021**. If you are not filing your request for intervention electronically, mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P. O. Box 13326  
Austin, Texas 78711-3326

Persons who wish to intervene in the docket must also email or mail a copy of their request for intervention to all parties in the docket and all persons that have pending motions to intervene, at or before the time the request for intervention is electronically filed with, or mailed to, the PUC. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket. The enclosed brochure explains how you can access these filings.

Enclosures:

- Route Description and Map
- Brochure: Landowners and Transmission Line Cases at the PUC
- Request to Intervene Form
- Comment Form
- Texas Landowner’s Bill of Rights



## Composition of Routes

Route	Link Sequence
2	A - B - C - F - J - K - M - O - MM - OO
3	A - B - C - F - I - N - M - O - MM - OO
5	A - B - C - F - I - Q - FF - JJ - NN - OO
7	A - B - C - F - R - GG - HH - NN - OO
13	A - B - D - S - Z - DD - FF - JJ - NN - OO
14	A - B - D - S - Z - DD - FF - JJ - JP - PP - QQ - OO
17	A - B - D - S - Z - EE - JJ - NN - OO
18	A - B - D - S - Z - EE - JJ - JP - PP - QQ - OO
19	A - B - D - S - AA - BB - GG - HH - NN - OO
21	A - B - D - S - AA - BB - GG - II - WW - VV - PP - QQ - OO
22	A - B - D - S - AA - BB - GG - II - WW - UU - TT - QQ - OO
24	A - B - D - S - AA - CC - XX - WW - VV - PP - QQ - OO
25	A - B - D - S - AA - CC - XX - WW - UU - TT - QQ - OO
31	A - T - U - V - X - Y - Z - DD - FF - JJ - NN - OO
54	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - NN - OO
55	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - JP - PP - QQ - OO
57	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - NN - OO
58	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - JP - PP - QQ - OO
59	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - NN - OO
60	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - JP - PP - QQ - OO
61	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
62	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
64	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
65	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
69	A - T - U1 - V1 - X1 - Y - S - G - H - J - L - O - MM - OO
70	A - T - U1 - V1 - X1 - Y - S - G - H - J - K - M - O - MM - OO
71	A - T - U1 - V1 - X1 - Y - S - G - H - I - N - M - O - MM - OO
72	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - KK - P - M - O - MM - OO
73	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - NN - OO
74	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - JP - PP - QQ - OO
100	A - T - U - V - W - X1 - Y - Z - DD - FF - JJ - NN - OO
130	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
131	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
133	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
134	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
139	A - T - U1 - V1 - W2 - Y - S - G - H - J - K - M - O - MM - OO
140	A - T - U1 - V1 - W2 - Y - S - G - H - I - N - M - O - MM - OO
144	A - T - EEE - EEE1 - CCC - XX - WW - VV - PP - QQ - OO
145	A - T - EEE - EEE1 - CCC - XX - WW - UU - TT - QQ - OO
147	A - T - EEE - EEE1 - CCC - YY - ZZ - RR - OO
149	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - RR - OO
150	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - SS - TT - QQ - OO
151	A - T - U1 - DDD - EEE1 - CCC - XX - WW - VV - PP - QQ - OO

## **Alternative Route Link Descriptions**

### **Link A**

From the proposed Oystercatcher Substation, **Link A** proceeds in a northerly direction for approximately 586 feet to the intersection of **Links A, B, and T**. **Link A** crosses Iola Lane.

### **Link AA**

From the intersection of **Links AA, S, Y and Z**, **Link AA** proceeds in an easterly direction for approximately 1,208 feet to an angle point. From this angle point, **Link AA** continues in a north-northeasterly direction for approximately 1,170 feet to an angle point. This segment of **Link AA** crosses Chambers Creek. From this angle point, **Link AA** proceeds in a northeasterly direction for approximately 909 feet to the intersection of **Links AA, BB, and CC**.

### **Link B**

From the intersection of **Links A, B, and T**, **Link B** proceeds in a northwesterly direction for approximately 1,806 feet to an angle point. From this angle point, **Link B** continues in a north-northwesterly direction for approximately 2,562 feet to the intersection of **Links B, C, and D**. This segment of **Link B** crosses an unnamed creek, Bell Branch (stream), and another unnamed creek.

### **Link BB**

From the intersection of **Links AA, BB, and CC**, **Link BB** proceeds in a northwesterly direction for approximately 1,410 feet to the intersection of **Links BB, GG, and R**.

### **Link C**

From the intersection of **Links B, C, and D**, **Link C** proceeds in a northwesterly direction for approximately 1,132 feet to an angle point. From this angle point, **Link C** continues in a north-northwesterly direction for approximately 673 feet to the intersection of **Links C and F**.

### **Link CC**

From the intersection of **Links AA, BB, and CC**, **Link CC** proceeds in a northeasterly direction for approximately 3,008 feet to the intersection of **Links CC, CCC, XX, and YY**.

### **Link CCC**

From the intersection of **Links CCC, EEE1, and GGG**, **Link CCC** proceeds in a northwesterly direction for approximately 3,900 feet to the intersection of **Links CC, CCC, XX, and YY**. **Link CCC** crosses an unnamed creek three times.

### **Link D**

From the intersection of **Links B, C, and D**, **Link D** proceeds in a northeasterly direction for approximately 2,753 feet to an angle point. From this angle point, **Link D** continues in an easterly direction for approximately 647 feet to the intersection of **Links D, G, and S**. This segment of **Link D** crosses Bell Branch (stream).

### **Link DD**

From the intersection of **Links DD, EE, and Z**, **Link DD** proceeds in a north-northeasterly direction, parallel to Farm to Market Road (FM) 876 for approximately 836 feet to the intersection of **Links DD, FF, and Q**. **Link DD** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link DDD

From the intersection of **Links DDD, U1, and V1**, **Link DDD** proceeds in an easterly direction for approximately 6,062 feet to the intersection of **Links DDD, EEE, and EEE1**. **Link DDD** crosses two unnamed creeks.

### Link EE

From the intersection of **Links DD, EE, and Z**, **Link EE** proceeds in a northeasterly direction for approximately 2,228 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to an angle point. From this angle point, **Link EE** continues in a northwesterly direction for approximately 997 feet to the intersection of **Links EE, FF, JJ, and KK**. This segment of **Link EE** crosses Anderson Road.

### Link EEE

From the intersection of **Links EEE, T, U, and U1**, **Link EEE** proceeds in an east-northeasterly direction for approximately 5,950 feet to an angle point. This segment of **Link EEE** crosses two unnamed creeks. From this angle point, **Link EEE** continues in a northeasterly direction for approximately 788 feet to the intersection of **Links DDD, EEE, and EEE1**.

### Link EEE1

From the intersection of **Links DDD, EEE, and EEE1**, **Link EEE1** proceeds in a northeasterly direction for approximately 3,340 feet to the intersection of **Links CCC, EEE1, and GGG**. **Link EEE1** crosses Chambers Creek.

### Link F

From the intersection of **Links C and F**, **Link F** proceeds in a northwesterly direction for approximately 1,429 feet to an angle point. This segment of **Link F** crosses Bell Branch Road and the existing Brazos Electric Cooperative 69 kV transmission line. From this angle point, **Link F** continues in a northeasterly direction for approximately 3,180 feet to the intersection of **Links F, H, I, J, and R**. This segment of **Link F** crosses Witten Road.

### Link FF

From the intersection of **Links DD, FF, and Q**, **Link FF** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,989 feet to the intersection of **Links EE, FF, JJ, and KK**.

### Link G

From the intersection of **Links D, G, and S**, **Link G** proceeds in a northwesterly direction for approximately 864 feet to the intersection of **Links G and H**. This segment of **Link G** crosses Bell Branch (stream) three times and Bell Branch Road.

### Link GG

From the intersection of **Links BB, GG, and R**, **Link GG** proceeds in a northeasterly direction for approximately 2,676 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links GG, HH, and II**.

## Alternative Route Link Descriptions

### Link GGG

From the intersection of **Links CCC, EEE1, and GGG**, **Link GGG** proceeds in a northeasterly direction for approximately 4,012 feet to the intersection of **Links GGG and ZZ1**.

### Link H

From the intersection of **Links G and H**, **Link H** proceeds in a northwesterly direction for approximately 1,526 feet to the intersection of **Links F, H, I, J, and R**. **Link H** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link HH

From the intersection of **Links GG, HH, and II**, **Link HH** proceeds in a northwesterly direction for approximately 1,164 feet to the intersection of **Links HH, JJ, JP, and NN**. **Link HH** crosses the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road.

### Link I

From the intersection of **Links F, H, I, J, and R**, **Link I** proceeds in a northeasterly direction for approximately 2,748 feet to the intersection of **Links I, N, and Q**. **Link I** crosses Chambers Creek.

### Link II

From the intersection of **Links GG, HH, and II**, **Link II** proceeds in a northeasterly direction for approximately 252 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links II, WW, and XX**.

### Link J

From the intersection of **Links F, H, I, J, and R**, **Link J** proceeds in a northwesterly direction for approximately 1,816 feet to the intersection of **Links J, K and L**.

### Link JJ

From the intersection of **Links EE, FF, JJ, and KK**, **Link JJ** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,072 feet to the intersection of **Links HH, JJ, JP, and NN**.

### Link JP

From the intersection of **Links HH, JJ, JP, and NN**, **Link JP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 252 feet to the intersection of **Links JP, PP, and VV**.

### Link K

From the intersection of **Links J, K, and L**, **Link K** proceeds in a northeasterly direction for approximately 4,838 feet to the intersection of **Links K, M, N, and P**. **Link K** crosses Chambers Creek, an unnamed creek, and Baker Branch (stream).

### Link KK

From the intersection of **Links EE, FF, JJ, and KK**, **Link KK** proceeds in a northwesterly direction for approximately 1,959 feet to the intersection of **Links KK and P**.

## Alternative Route Link Descriptions

### Link L

From the intersection of **Links J, K, and L**, **Link L** proceeds in a northwesterly direction for approximately 2,384 feet to an angle point. This segment of **Link L** crosses Chambers Creek. **Link L** continues in a northeasterly direction for approximately 6,207 feet to an angle point. This segment of **Link L** crosses an unnamed creek and Baker Branch (stream). From the angle point, **Link L** proceeds in a southeasterly direction for approximately 965 feet to the intersection of **Links L, M, and O**.

### Link M

From the intersection of **Links K, M, N, and P**, **Link M** proceeds in a northeasterly direction, parallel to FM 876, for approximately 2,187 feet to the intersection of **Links L, M, and O**.

### Link MM

From the intersection of **Links MM and O**, **Link MM** proceeds in a southeasterly direction for approximately 1,088 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link MM** crosses an unnamed creek.

### Link N

From the intersection of **Links I, N, and Q**, **Link N** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,839 feet to the intersection of **Links K, M, N, and P**.

### Link NN

From the intersection of **Links HH, JJ, JP, and NN**, **Link NN** proceeds in a northwesterly direction for approximately 1,818 feet to an angle point. From this angle point, **Link NN** continues in a northeasterly direction for approximately 1,214 feet to the intersection of **Links MM, NN, OO, QQ and RR**. This segment of **Link NN** crosses an unnamed creek.

### Link O

From the intersection of **Links L, M, and O**, **Link O** proceeds in a southeasterly direction for approximately 613 feet to the intersection of **Links MM and O**. **Link O** crosses FM 876.

### Link OO

From the intersection of **Links MM, NN, OO, QQ, and RR**, **Link OO** proceeds in a northeasterly direction for approximately 368 feet to the proposed Oncor Old Country Switch.

### Link P

From the intersection of **Links K, M, N, and P**, **Link P** proceeds in an east-southeasterly direction for approximately 605 feet to the intersection of **Links P and KK**. **Link P** crosses FM 876.

### Link PP

From the intersection of **Links JP, PP, and VV**, **Link PP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 907 feet to the intersection of **Links PP, QQ, and TT**.

## Alternative Route Link Descriptions

### **Link Q (Bi-directional link)**

From the intersection of **Links I, N, and Q**, **Link Q** proceeds in an east-southeasterly direction for approximately 640 feet to the intersection of **Links DD, FF, and Q**. **Link Q** crosses FM 876.

### **Link QQ**

From the intersection of **Links PP, QQ, and TT**, **Link QQ** proceeds in a northwesterly direction for approximately 2,103 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link QQ** crosses an unnamed creek.

### **Link R**

From the intersection of **Links F, H, I, J, and R**, **Link R** proceeds in a northeasterly direction for approximately 199 feet to an angle point. From this angle point, **Link R** continues in an east-northeasterly direction for approximately 980 feet to a slight angle point. This segment of **Link R** crosses Chambers Creek. From the angle point, **Link R** continues in an east-northeasterly direction for approximately 1,006 feet to an angle point. From this angle point, **Link R** proceeds in an east-southeasterly direction for approximately 695 feet to an angle point. This segment of **Link R** crosses FM 876 and the existing Brazos Electric Cooperative 69 kV transmission line. From the angle point, **Link R** continues in a northeasterly direction for approximately 1,229 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links BB, GG, and R**.

### **Link RR**

From the intersection of **Links RR, SS, and ZZ**, **Link RR** proceeds in a northwesterly direction for approximately 1,219 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to an angle point. This segment of **Link RR** crosses Anderson Road and an unnamed creek. From the angle point, **Link RR** continues in a west-northwesterly direction for approximately 1,124 feet to an angle point. This segment of **Link RR** crosses an unnamed creek. From this angle point, **Link RR** proceeds in a northwesterly direction for approximately 1,006 feet to the intersection of **Links MM, NN, OO, QQ, and RR**.

### **Link S (Bi-directional link)**

From the intersection of **Links D, G, and S**, **Link S** proceeds in an easterly direction for approximately 592 feet to the intersection of **Links AA, S, Y, and Z**. **Link S** crosses FM 876.

### **Link SS (Bi-directional link)**

From the intersection of **Links SS, TT, and UU**, **Link SS** proceeds in a northeasterly direction for approximately 1,756 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to the intersection of **Links RR, SS, and ZZ**. **Link SS** crosses an unnamed creek.

### **Link T**

From the intersection of **Links A, B, and T**, **Link T** proceeds in an easterly direction for approximately 591 feet to the intersection of **Links EEE, T, U, and U1**. **Link T** crosses L R Campbell Road.

### **Link TT**

From the intersection of **Links SS, TT, and UU**, **Link TT** proceeds in a northwesterly direction for approximately 543 feet to the intersection of **Links PP, QQ, and TT**. **Link TT** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link U

From the intersection of **Links EEE, T, U, and U1**, **Link U** proceeds in a north-northwesterly direction for approximately 1,092 feet to the intersection of **Links U and V**.

### Link U1

From the intersection of **Links EEE, T, U, and U1**, **Link U1** proceeds in a northerly direction for approximately 1,800 feet to the intersection of **Links DDD, U1, and V1**.

### Link UU

From the intersection of **Links UU, VV, and WW**, **Link UU** proceeds in a northeasterly direction, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, for approximately 917 feet to the intersection of **Links SS, TT, and UU**.

### Link V

From the intersection of **Links U and V**, **Link V** proceeds in a northwesterly direction for approximately 1,198 feet to the intersection of **Links V, W, and X**.

### Link V1

From the intersection of **Links DDD, U1, and V1**, **Link V1** proceeds in a northerly direction for approximately 933 feet to the intersection of **Links V1, W, W2, and X1**. **Link V1** crosses an unnamed creek.

### Link VV

From the intersection of **Links UU, VV, and WW**, **Link VV** proceeds in a northwesterly direction for approximately 577 feet to the intersection of **Links JP, PP, and VV**. **Link VV** crosses Anderson Road.

### Link W

From the intersection of **Links V, W, and X**, **Link W** proceeds in a northeasterly direction for approximately 1,189 feet to the intersection of **Links V1, W, W2, and X1**.

### Link W2

From the intersection of **Links V1, W, W2, and X1**, **Link W2** proceeds in a northeasterly direction for approximately 1,099 feet to an angle point. From this angle point, **Link W2** continues in a northwesterly direction for approximately 1,939 feet to the intersection of **Links X, X1, W2, and Y**.

### Link WW

From the intersection of **Links II, WW, and XX**, **Link WW** proceeds in a northwesterly direction for approximately 593 feet to the intersection of **Links UU, VV, and WW**. **Link WW** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link X

From the intersection of **Links V, W, and X**, **Link X** proceeds in a north-northeasterly direction for approximately 3,067 feet to the intersection of **Links X, X1, W2, and Y**.

## **Alternative Route Link Descriptions**

### **Link X1**

From the intersection of **Links V1, W, W2, and X1**, **Link X1** proceeds in a northerly direction for approximately 2,210 feet to the intersection of **Links X, X1, W2, and Y**.

### **Link XX**

From the intersection of **Links CC, CCC, XX, and YY**, **Link XX** proceeds in a northwesterly direction for approximately 1,365 feet to the intersection of **Links II, WW, and XX**.

### **Link Y**

From the intersection of **Links X, X1, W2, and Y**, **Link Y** proceeds in a northerly direction, parallel to FM 876, for approximately 860 feet to the intersection of **Links AA, S, Y, and Z**.

### **Link YY**

From the intersection of **Links CC, CCC, XX, and YY**, **Link YY** proceeds in a northeasterly direction for approximately 3,127 feet to the intersection of **Links YY, ZZ, and ZZ1**. **Link YY** crosses an unnamed creek.

### **Link Z**

From the intersection of **Links AA, S, Y, and Z**, **Link Z** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,663 feet to the intersection of **Links DD, EE, and Z**. **Link Z** crosses an unnamed creek, Chambers Creek, and the existing Brazos Electric Cooperative 69 kV transmission line.

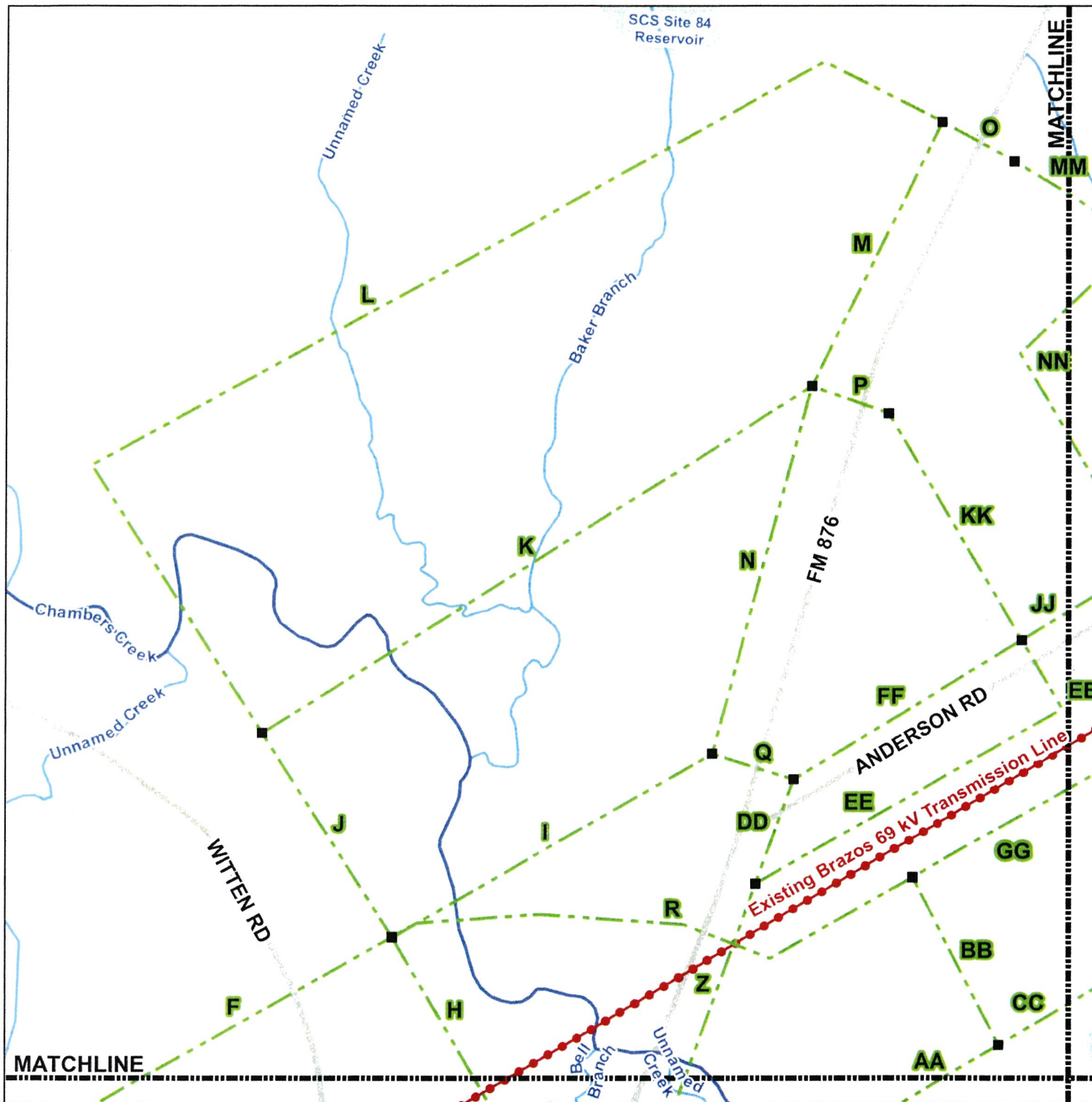
### **Link ZZ**

From the intersection of **Links YY, ZZ, and ZZ1**, **Link ZZ** proceeds in a northwesterly direction for approximately 2,033 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links RR, SS, and ZZ**. **Link ZZ** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

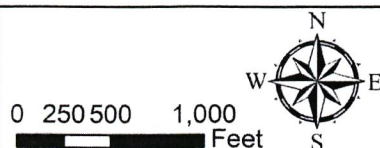
### **Link ZZ1**

From the intersection of **Links GGG and ZZ1**, **Link ZZ1** proceeds in a northwesterly direction for approximately 4,048 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links YY, ZZ, and ZZ1**.





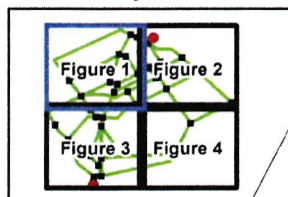
**FIGURE 1. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All  
 features and boundaries have been  
 approximated from public resources.

- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- ~ Open Water/Waterbodies
- ~ Major and Minor Roads

#### Extent Map

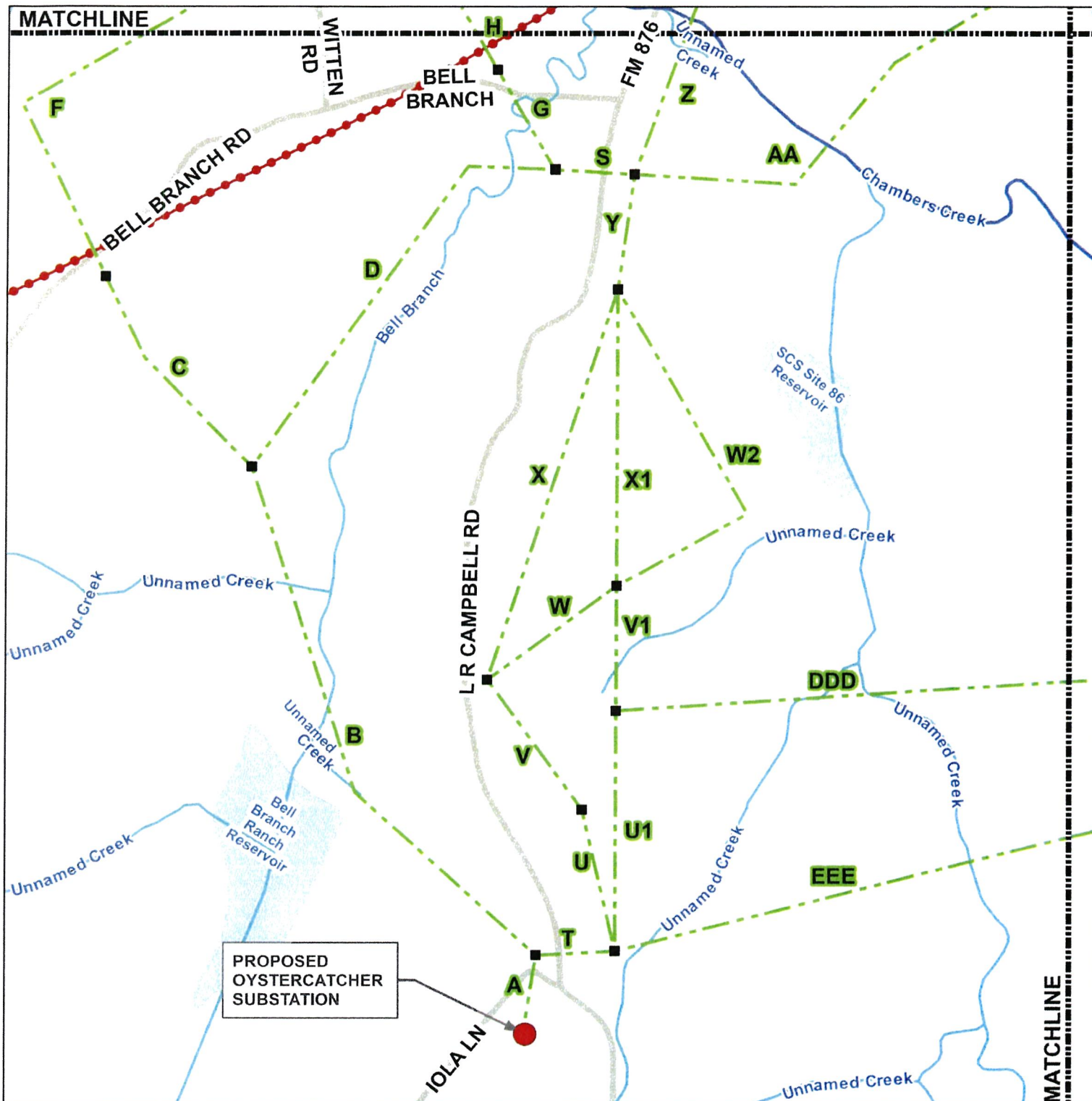


#### Vicinity Map

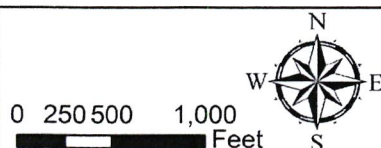








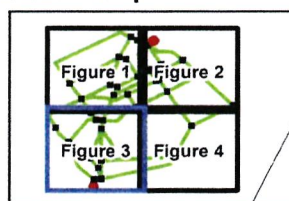
**FIGURE 3. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All  
 features and boundaries have been  
 approximated from public resources.

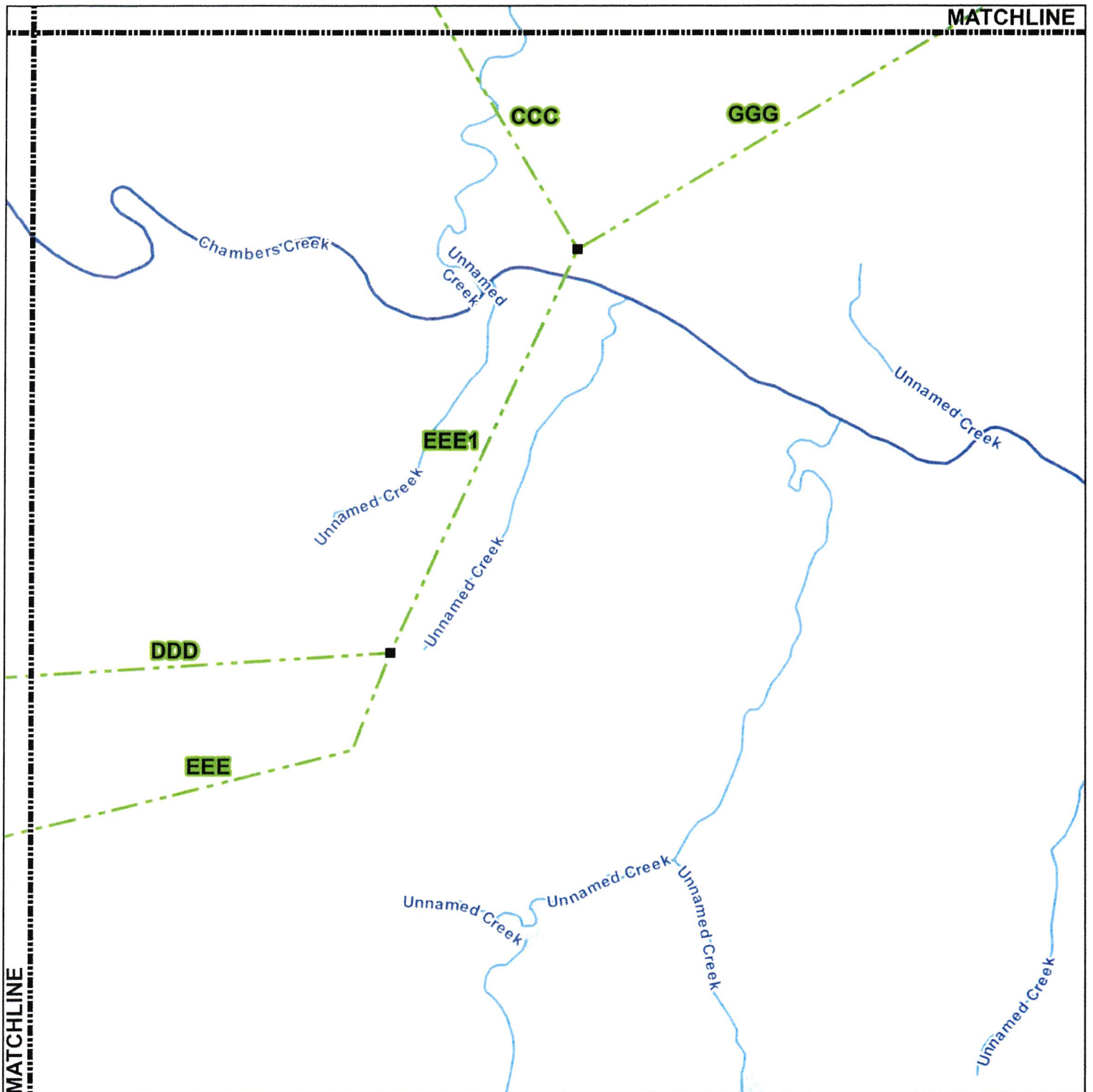
- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- ... Existing Transmission Lines
- ~ Rivers and Streams
- ... Open Water/Waterbodies
- Major and Minor Roads

#### Extent Map



#### Vicinity Map





**FIGURE 4. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



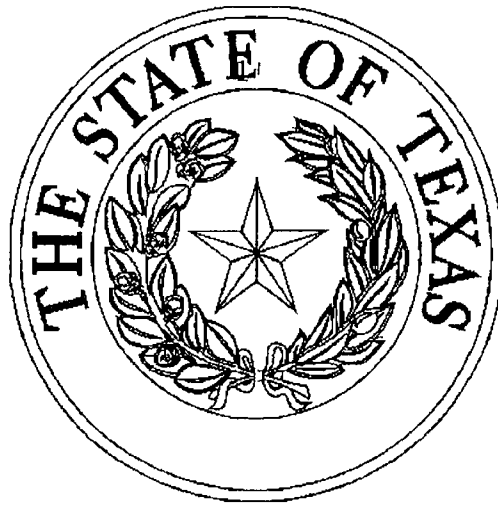
 <p>Note: Data is for display purposes only. All features and boundaries have been approximated from public resources.</p>	<ul style="list-style-type: none"> <li><span style="color: red;">●</span> Project Endpoints</li> <li><span style="color: black;">■</span> Route Link Nodes</li> <li><span style="color: green;">—</span> Proposed Alternative Route Links</li> <li><span style="color: red;">—</span> Existing Transmission Lines</li> <li><span style="color: blue;">—</span> Rivers and Streams</li> <li><span style="color: lightblue;">—</span> Open Water/Waterbodies</li> <li><span style="color: grey;">—</span> Major and Minor Roads</li> </ul>	<p><b>Extent Map</b></p>	<p><b>Vicinity Map</b></p>
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# Landowners and Transmission Line Cases at the PUC

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*Public Utility Commission of Texas*



1701 N. Congress Avenue  
P.O. Box 13326  
Austin, Texas 78711-3326  
(512) 936-7260  
[www.puc.state.tx.us](http://www.puc.state.tx.us)

Effective: June 1, 2011

## *Purpose of This Brochure*

This brochure is intended to provide landowners with information about proposed new transmission lines and the Public Utility Commission's ("PUC" or "Commission") process for evaluating these proposals. At the end of the brochure is a list of sources for additional information.

The following topics are covered in this brochure:

- How the PUC evaluates whether a new transmission line should be built,
- How you can participate in the PUC's evaluation of a line, and
- How utilities acquire the right to build a transmission line on private property.

You are receiving the enclosed formal notice because one or more of the routes for a proposed transmission line may require an easement or other property interest across your property, or the centerline of the proposed project may come within 300 feet of a house or other habitable structure on your property. This distance is expanded to 500 feet if the proposed line is greater than 230 kilovolts (kV). For this reason, your property is considered **directly affected land**. This brochure is being included as part of the formal notice process.

If you have questions about the proposed routes for a transmission line, you may contact the applicant. The applicant also has a more detailed map of the proposed routes for the transmission line and nearby habitable structures. The applicant may help you understand the routing of the project and the application approval process in a transmission line case but cannot provide legal advice or represent you. *The applicant cannot predict which route may or may not be approved by the PUC. The PUC decides which route to use for the transmission line, and the applicant is not obligated to keep you informed of the PUC's proceedings. The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene, which is discussed below.*

The PUC is sensitive to the impact that transmission lines have on private property. At the same time, transmission lines deliver electricity to millions of homes and businesses in Texas, and new lines are sometimes needed so that customers can obtain reliable, economical power.

The PUC's job is to decide whether a transmission line application should be approved and on which route the line should be constructed. The PUC values input from landowners and encourages you to participate in this process by intervening in the docket.

## *PUC Transmission Line Case*

Texas law provides that most utilities must file an application with the PUC to obtain or amend a Certificate of Convenience and Necessity (CCN) in order to build a new transmission line in Texas. The law requires the PUC to consider a number of factors in deciding whether to approve a proposed new transmission line.

The PUC may approve an application to obtain or amend a CCN for a transmission line after considering the following factors:

- Adequacy of existing service;
- Need for additional service;
- The effect of approving the application on the applicant and any utility serving the proximate area;
- Whether the route utilizes existing compatible rights-of-way, including the use of vacant positions on existing multiple-circuit transmission lines;
  - Whether the route parallels existing compatible rights-of-way;
  - Whether the route parallels property lines or other natural or cultural features;
  - Whether the route conforms with the policy of prudent avoidance (which is defined as the limiting of exposures to electric and magnetic fields that can be avoided with reasonable investments of money and effort); and
  - Other factors such as community values, recreational and park areas, historical and aesthetic values, environmental integrity, and the probable improvement of service or lowering of cost to consumers in the area.

If the PUC decides an application should be approved, it will grant to the applicant a CCN or CCN amendment to allow for the construction and operation of the new transmission line.

### *Application to Obtain or Amend a CCN:*

An application to obtain or amend a CCN describes the proposed line and includes a statement from the applicant describing the need for the line and the impact of building it. In addition to the routes proposed by the applicant in its application, the possibility exists that additional routes may be developed, during the course of a CCN case, that could affect property in a different manner than the original routes proposed by the applicant.

The PUC conducts a case to evaluate the impact of the proposed line and to decide which route should be approved. Landowners who would be affected by a new line can:

- informally file a protest, or
- formally participate in the case as an intervenor.

### *Filing a Protest (informal comments):*

If you do not wish to intervene and participate in a hearing in a CCN case, you may file **comments**. An individual or business or a group who files only comments for or against any aspect of the transmission line application is considered a “protestor.”

Protestors make a written or verbal statement in support of or in opposition to the utility’s application and give information to the PUC staff that they believe supports their position.

Protestors are *not* parties to the case, however, and do not have the right to:

- Obtain facts about the case from other parties;
- Receive notice of a hearing, or copies of testimony and other documents that are filed in the case;
- Receive notice of the time and place for negotiations;
- File testimony and/or cross-examine witnesses;
- Submit evidence at the hearing; or
- Appeal P.U.C. decisions to the courts.

If you want to make comments, you may either send written comments stating your position, or you may make a statement on the first day of the hearing. If you have not intervened, however, you will not be able to participate as a party in the hearing. Only parties may submit evidence and *the PUC must base its decision on the evidence*.

### *Intervening in a Case:*

To become an intervenor, you must file a statement with the PUC, no later than the date specified in the notice letter sent to you with this brochure, requesting intervenor status (also referred to as a party). This statement should describe how the proposed transmission line would affect your property. Typically, intervention is granted only to directly affected landowners. However, any landowner may request to intervene and obtain a ruling on his or her specific fact situation and concerns. A sample form for intervention and the filing address are attached to this brochure, and may be used to make your filing. A letter requesting intervention may also be used in lieu of the sample form for intervention.

If you decide to intervene and become a party in a case, you will be required to follow certain procedural rules:

- You are required to timely respond to requests for information from other parties who seek information.
- If you file testimony, you must appear at a hearing to be cross-examined.
- If you file testimony or any letters or other documents in the case, you must send copies of the documents to every party in the case and you must file multiple copies with the PUC.

If you intend to participate at the hearing and you do not file testimony, you must at least file a statement of position, which is a document that describes your position in the case.

Failure to comply with these procedural rules may serve as grounds for you to be dismissed as an intervenor in the case.

If you wish to participate in the proceedings it is very important to attend any prehearing conferences.

Intervenors may represent themselves or have an attorney to represent them in a CCN case. If you intervene in a case, you may want an attorney to help you understand the PUC’s procedures and the laws and rules that the PUC applies in deciding whether to approve a transmission line. The PUC encourages landowners to intervene and become parties.

### *Stages of a CCN Case:*

If there are persons who intervene in the case and oppose the approval of the line, the PUC may refer the case to an administrative law judge (ALJ) at the State Office of Administrative Hearings (SOAH) to conduct a hearing, or the Commission may elect to conduct a hearing itself. The hearing is a formal proceeding, much like a trial, in which testimony is presented. In the event the case is referred to SOAH, the ALJ makes a recommendation to the PUC on whether the application should be approved and where and how the line should be routed.

There are several stages of a CCN case:

- The ALJ holds a prehearing conference (usually in Austin) to set a schedule for the case.
- Parties to the case have the opportunity to conduct discovery; that is, obtain facts about the case from other parties.
- A hearing is held (usually in Austin), and parties have an opportunity to cross-examine the witnesses.
- Parties file written testimony before the date of the hearing. Parties that do not file written testimony or statements of position by the deadline established by the ALJ may not be allowed to participate in the hearing on the merits. Parties may file written briefs concerning the evidence presented at the hearing, but are not required to do so. In deciding where to locate the transmission line and other issues presented by the application, the ALJ and Commission rely on factual information submitted as evidence at the hearing by the parties in the case. In order to submit factual information as evidence (other than through cross-examination of other parties' witnesses), a party must have intervened in the docket and filed written testimony on or before the deadline set by the ALJ. The ALJ makes a recommendation, called a **proposal for decision**, to the Commission regarding the case. Parties who disagree with the ALJ's recommendation may file exceptions. The Commissioners discuss the case and decide whether to approve the application. The Commission may approve the ALJ's recommendation, approve it with specified changes, send the case back to the ALJ for further consideration, or deny the application. The written decision rendered by the Commission is called a **final order**. Parties who believe that the Commission's decision is in error may file motions for rehearing, asking the Commission to reconsider the decision. After the Commission rule on the motion for rehearing, parties have the right to appeal the decision to district court in Travis County.

### *Right to Use Private Property*

The Commission is responsible for deciding whether to approve a CCN application for a proposed transmission line. If a transmission line route is approved that impacts your property, the electric utility must obtain the right from you to enter your property and to build, operate, and maintain the transmission line. This right is typically called an easement.

Utilities may buy easements through a negotiated agreement, but they also have the power of eminent domain (condemnation) under Texas law. Local courts, not the PUC, decide issues concerning easements for rights-of-way. The PUC does not determine the value of property.

The PUC final order in a transmission case normally requires a utility to take certain steps to minimize the impact of the new transmission line on landowners' property and on the environment. For example, the order normally requires steps to minimize the possibility of erosion during construction and maintenance activities.



## HOW TO OBTAIN MORE INFORMATION

The PUC's online filings interchange on the PUC website provides free access to documents that are filed with the Commission in Central Records. The docket number, also called a control number on the PUC website, of a case is a key piece of information used in locating documents in the case. You may access the Interchange by visiting the PUC's website home page at [www.puc.state.tx.us](http://www.puc.state.tx.us) and navigate the website as follows:

- Select "Filings."  
Select "Filings Search."  
Select "Filings Search."  
Enter 5-digit Control (Docket) Number. *No other information is necessary.*  
Select "Search." *All of the filings in the docket will appear in order of date filed*  
Scroll down to select desired filing.  
Click on a blue "Item" number at left.  
Click on a "Download" icon at left.

Documents may also be purchased from and filed in Central Records. For more information on how to purchase or file documents, call Central Records at the PUC at 512-936-7180.

PUC Substantive Rule 25.101, Certification Criteria, addresses transmission line CCNs and is available on the PUC's website, or you may obtain copies of PUC rules from Central Records.

***Always include the docket number on all filings with the PUC. You can find the docket number on the enclosed formal notice.*** Send documents to the PUC at the following address.

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P.O. Box 13326  
Austin, TX 78711-3326

The information contained within this brochure is not intended to provide a comprehensive guide to landowner rights and responsibilities in transmission line cases at the PUC. This brochure should neither be regarded as legal advice nor should it be a substitute for the PUC's rules. However, if you have questions about the process in transmission line cases, you may call the PUC's Legal Division at 512-936-7260. The PUC's Legal Division may help you understand the process in a transmission line case but cannot provide legal advice or represent you in a case. You may choose to hire an attorney to decide whether to intervene in a transmission line case, and an attorney may represent you if you choose to intervene.

### ***Communicating with Decision-Makers***

***Do not contact the ALJ or the Commissioners by telephone or email. They are not allowed to discuss pending cases with you. They may make their recommendations and decisions only by relying on the evidence, written pleadings, and arguments that are presented in the case.***

## Request to Intervene in PUC Docket No. 52455

The following information must be submitted by the person requesting to intervene in this proceeding. This completed form will be provided to all parties in this docket. **If you DO NOT want to be an intervenor, but still want to file comments, please complete the "Comments" page.**

Mail this completed form and 10 copies to:

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Ave.  
P.O. Box 13326  
Austin, TX 78711-3326

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Address, City, State: \_\_\_\_\_

Email Address: \_\_\_\_\_

**I am requesting to intervene in this proceeding. As an INTERVENOR, I understand the following:**

- I am a party to the case;
- I am required to respond to all discovery requests from other parties in the case;
- If I file testimony, I may be cross-examined in the hearing;
- If I file any documents in the case, I will have to provide a copy of that document to every other party in the case; and
- I acknowledge that I am bound by the Procedural Rules of the Public Utility Commission of Texas (PUC) and the State Office of Administrative Hearings (SOAH).

**Please check one of the following:**

- ☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.
- ☐ One or more of the utility's proposed routes would cross my property.
- ☐ Other. Please describe and provide comments. You may attach a separate page, if necessary.

**Signature of person requesting intervention:**

\_\_\_\_\_ Date: \_\_\_\_\_

Effective: April 8, 2020

## Comments in Docket No. 52455

**If you want to be a PROTESTOR only, please complete this form.** Although public comments are not treated as evidence, they help inform the PUC and its staff of the public concerns and identify issues to be explored. The PUC welcomes such participation in its proceedings.

Mail this completed form and 10 copies to:

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Ave.  
P.O. Box 13326  
Austin, TX 78711-3326

First Name: \_\_\_\_\_ Last Name: \_\_\_\_\_

Phone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Address, City, State: \_\_\_\_\_

**I am NOT requesting to intervene in this proceeding. As a PROTESTOR, I understand the following:**

- I am NOT a party to this case;
- My comments are not considered evidence in this case; and
- I have no further obligation to participate in the proceeding.

**Please check one of the following:**

- ☐ I own property with a habitable structure located near one or more of the utility's proposed routes for a transmission line.
- ☐ One or more of the utility's proposed routes would cross my property.
- ☐ Other. Please describe and provide comments. You may attach a separate page, if necessary. \_\_\_\_\_

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**Signature of person submitting comments:**

\_\_\_\_\_ Date: \_\_\_\_\_



# THE STATE OF TEXAS LANDOWNER'S BILL OF RIGHTS

This Landowner's Bill of Rights applies to any attempt to condemn your property. The contents of this Bill of Rights are set out by the Texas Legislature in Texas Government Code section 402.031 and chapter 21 of the Texas Property Code. Any entity exercising eminent domain authority must provide a copy of this Bill of Rights to you.

1. You are entitled to receive adequate compensation if your property is condemned.
2. Your property can only be condemned for a public use.
3. Your property can only be condemned by a governmental entity or private entity authorized by law to do so.
4. The entity that wants to acquire your property must notify you that it intends to condemn your property.
5. The entity proposing to acquire your property must provide you with a written appraisal from a certified appraiser detailing the adequate compensation you are owed for your property.
6. The condemning entity must make a bona fide offer to buy the property before it files a lawsuit to condemn the property—meaning the condemning entity must make a good faith offer that conforms with chapter 21 of the Texas Property Code.
7. You may hire an appraiser or other professional to determine the value of your property or to assist you in any condemnation proceeding.
8. You may hire an attorney to negotiate with the condemning entity and to represent you in any legal proceedings involving the condemnation.
9. Before your property is condemned, you are entitled to a hearing before a court-appointed panel of three special commissioners. The special commissioners must determine the amount of compensation the condemning entity owes for condemning your property. The commissioners must also determine what compensation, if any, you are entitled to receive for any reduction in value of your remaining property.
10. If you are unsatisfied with the compensation awarded by the special commissioners, or if you question whether the condemnation of your property was proper, you have the right to a trial by a judge or jury. You may also appeal the trial court's judgment if you are unsatisfied with the result.



PREPARED BY THE OFFICE OF THE ATTORNEY GENERAL OF TEXAS





## CONDEMNATION PROCEDURE

Eminent domain is the legal authority certain governmental and private entities have to condemn private property for public use in exchange for adequate compensation. Only entities authorized by law to do so may condemn private property. Private property can include land and certain improvements that are on that property.

### WHO CAN I HIRE TO HELP ME?

You can hire an appraiser or real estate professional to help you determine the value of your property as well as an attorney to negotiate with a condemning entity or to represent you during condemnation proceedings.

### WHAT QUALIFIES AS A PUBLIC PURPOSE OR USE?

Your property may be condemned only for a purpose or use that serves the general public. This could include building or expanding roadways, public utilities, parks, universities, and other infrastructure serving the public. Texas law does not allow condemning authorities to exercise eminent domain for tax revenue or economic development.



### WHAT IS ADEQUATE COMPENSATION?

Adequate compensation typically means the market value of the property being condemned. It could also include certain damages if your remaining property's market value is diminished by the condemnation or the public purpose for which it is being condemned.

### OTHER THAN ADEQUATE COMPENSATION, WHAT OTHER COMPENSATION COULD I BE OWED?

If you are displaced from your residence or place of business, you may be entitled to reimbursement for reasonable expenses incurred while moving to a new site. However, reimbursement costs may not be available if those expenses are recoverable under another law. Also, reimbursement costs are capped at the market value of the property.

### WHAT DOES A CONDEMNOR HAVE TO DO BEFORE CONDEMNING MY PROPERTY?

- ◆ Provide you a copy of this Landowner's Bill of Rights before, or at the same time as, the entity first represents that it possesses eminent domain authority. It is also required to send this Landowner's Bill of Rights to the last known address of the person listed as the property owner on the most recent tax roll.
- ◆ Make a bona fide offer to purchase the property. A bona fide offer includes an initial written offer as well as a final written offer. This process is described more fully in chapter 21 of the Texas Property Code.
- ◆ Disclose any appraisal reports. When making its initial offer, the condemning entity must share its appraisal reports that relate to the property from the past 10 years. You have the right to discuss the offer with others and to either accept or reject the offer made by the condemning entity.
- ◆ Make a final offer 30 or more days after the initial bona fide offer. The offered compensation must equal or exceed the amount listed in a written, certified appraisal provided to you. The final offer must also provide copies of the instrument conveying the property rights sought (such as the deed transferring title or the easement spelling out the easement rights) and the Landowner's Bill of Rights (if not provided previously). The condemnor must give you at least 14 days to consider the final offer before filing a lawsuit to condemn your property.

### WHAT IF I DO NOT ACCEPT AN OFFER BY THE CONDEMNING AUTHORITY?

The condemnor can start the legal condemnation process by filing a lawsuit to acquire your property in the appropriate court of the county where the property is located.

### WHAT DOES THE CONDEMNOR HAVE TO INCLUDE IN THE LAWSUIT FILED WITH THE COURT?

The lawsuit must describe the property being condemned and state the following: the public use; your name; that you and the condemning entity were unable to agree on the value of the property; that the condemning entity gave you the Landowner's Bill of Rights; and that the condemning entity made a bona fide offer to voluntarily purchase the property from you.



## SPECIAL COMMISSIONERS' HEARING AND AWARD

After the condemning entity files a condemnation lawsuit in court, the judge will appoint three local landowners to serve as special commissioners. The special commissioners are required to schedule a condemnation hearing at the earliest practical time and place and to give you written notice of the hearing.

### WHAT DO THE SPECIAL COMMISSIONERS DO?

The special commissioners' role is to determine what is adequate compensation for your property. After hearing evidence from all interested parties, the special commissioners will determine the amount of money that is adequate compensation and file their written decision, known as an "Award," in the court with notice to all parties. Once the Award is filed, the condemning entity may take possession of the property being condemned, even if one or more parties object to the Award of the special commissioners.

### ARE THERE LIMITATIONS ON WHAT THE SPECIAL COMMISSIONERS CAN DO?

Yes. The special commissioners are tasked only with determining monetary compensation for the value of the property condemned and the value of any damages to the remaining property. They do not decide whether the condemnation is necessary or if the public use is proper. Further, the special commissioners do not have the power to alter the terms of an easement, reduce the size of the land acquired, or say what access will be allowed to the property during or after the condemnation. The special commissioners also cannot determine who should receive what portion of the compensation they award. Essentially, the special commissioners are empowered only to say how much money the condemnor should pay for the land or rights being acquired.

### WHO CAN BE A SPECIAL COMMISSIONER? CAN I OBJECT TO THEM?

Special commissioners must be landowners and residents in the county where the condemnation proceeding is filed, and they must take an oath to assess the amount of adequate compensation fairly, impartially, and according to the law. The judge will give you a reasonable period to object to, or strike, one of the special commissioners. If a commissioner is struck, the judge will appoint a replacement.

### WHAT WILL HAPPEN AT THE SPECIAL COMMISSIONERS' HEARING?

The special commissioners will consider any evidence (such as appraisal reports and witness testimony) on the value of your condemned property, the damages or value added to remaining property that is not being condemned, and the condemning entity's proposed use of the property.

### WHAT ARE MY RIGHTS AT THE SPECIAL COMMISSIONERS' HEARING?

You have the right to appear or not appear at the hearing. If you do appear, you can question witnesses or offer your own evidence on the value of the property. If you intend to use appraisal reports to support your claim about adequate compensation, you must provide them to the condemning entity 10 days after you receive them or three business days before the hearing, whichever is earlier.

### DO I HAVE TO PAY FOR THE SPECIAL COMMISSIONERS' HEARING?

If the special commissioners' award is less than or equal to the amount the condemning entity offered to pay before the proceedings began, then you may be financially responsible for the cost of the condemnation proceedings. But, if the award is more than the condemning entity offered to pay before the proceedings began, then the condemning entity will be responsible for the costs.

### WHAT DOES THE CONDEMNOR NEED TO DO TO TAKE POSSESSION OF THE PROPERTY?

Once the condemning entity either pays the amount of the award to you or deposits it into the court's registry, the entity may take possession of the property and put the property to public use. Non-governmental condemning authorities may also be required to post bonds in addition to the award amount. You have the right to withdraw funds that are deposited into the registry of the court, but when you withdraw the money, you can no longer challenge whether the eminent domain action is valid—only whether the amount of compensation is adequate.



## OBJECTING TO THE SPECIAL COMMISSIONERS' AWARD

If you, the condemning entity, or any other party is unsatisfied with the amount of the award, that party can formally object. The objection must be filed in writing with the court and is due by the first Monday following the 20th day after the clerk gives notice that the commissioners have filed their award with the court. If no party timely objects to the special commissioners' award, the court will adopt the award amount as the final compensation due and issue a final judgment in absence of objection.

### WHAT HAPPENS AFTER I OBJECT TO THE SPECIAL COMMISSIONERS' AWARD?

If a party timely objects, the court will hear the case just like other civil lawsuits. Any party who objects to the award has the

right to a trial and can elect whether to have the case decided by a judge or jury.

### WHO PAYS FOR TRIAL?

If the verdict amount at trial is greater than the amount of the special commissioners' award, the condemnor may be ordered to pay costs. If the verdict at trial is equal to or less than the amount the condemnor originally offered, you may be ordered to pay costs.

### IS THE TRIAL VERDICT THE FINAL DECISION?

Not necessarily. After trial any party may appeal the judgment entered by the court.

## DISMISSAL OF THE CONDEMNATION ACTION

A condemnation action may be dismissed by either the condemning authority itself or on a motion by the landowner.

### WHAT HAPPENS IF THE CONDEMNING AUTHORITY NO LONGER WANTS TO CONDEMN MY PROPERTY?

If a condemning entity decides it no longer needs your condemned property, it can file a motion to dismiss the condemnation proceeding. If the court grants the motion to dismiss, the case is over, and you can recover reasonable and necessary fees for attorneys, appraisers, photographers, and for other expenses up to that date.

### WHAT IF I DO NOT THINK THE CONDEMNING ENTITY HAS THE RIGHT TO CONDEMN MY PROPERTY?

You can challenge the right to condemn your property by filing a motion to dismiss the condemnation proceeding. For example, a landowner could challenge the condemning entity's claim that it seeks to condemn the property for a public use. If

the court grants the landowner's motion, the court may award the landowner reasonable and necessary fees and expenses incurred to that date.

### CAN I GET MY PROPERTY BACK IF IT IS CONDEMNED BUT NEVER PUT TO A PUBLIC USE?

You may have the right to repurchase your property if your property is acquired through eminent domain and:

- ◆ the public use for which the property was acquired is canceled before that property is put to that use,
- ◆ no actual progress is made toward the public use within 10 years, or
- ◆ the property becomes unnecessary for public use within 10 years.

The repurchase price is the price you were paid at the time of the condemnation.

## ADDITIONAL RESOURCES

For more information about the procedures, timelines, and requirements outlined in this document, see chapter 21 of the Texas Property Code. The information in this statement is intended to be a summary of the applicable portions of Texas

state law as required by HB 1495, enacted by the 80th Texas Legislature, Regular Session. This statement is not legal advice and is not a substitute for legal counsel.

***Application of Oncor Electric Delivery Company LLC to Amend Its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, Texas***

**PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 52455**

*DOD Siting Clearinghouse, OPUC, Utility, County, or Municipal Contact Name*

This notice is provided to notify you of the intent of Oncor Electric Delivery Company LLC (“Oncor”) to construct a new 345 kilovolt (“kV”) transmission line between the proposed Oncor Old Country Switch station and the proposed Oystercatcher Solar Substation, both located in Ellis County.

The proposed Oncor Old Country Switch station will be located along the existing Oncor Venus Switch – Navarro Switch 345 kV transmission line approximately two miles to the west of Interstate Highway 35 East (I-35E) and approximately 0.3 miles to the east of Farm to Market Road (FM) 876. The Oystercatcher Solar Substation is located proximal to the intersection of Iola Lane and L R Campbell Road approximately 3.5 miles to the north-northwest of Italy, Texas. The Proposed Transmission Line Project will be approximately 5 miles to the northwest of downtown Italy, Texas. The proposed transmission line will be approximately 3.2 – 4.9 miles in length, depending on which route is selected by the Public Utility Commission of Texas (“PUC”). The estimated cost of this project is \$18,217,000 - \$21,520,000.

Persons with questions about the transmission line may contact Ife Adetoro of Oncor at (214) 486-4918.

A detailed routing map may be reviewed at the following location:

Display Location	Address
Public Works and Utilities Department	413 Clark St. Italy, TX 76651

**All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.**

Due to the COVID-19 pandemic, the preferred method for you to file your request for intervention is electronically, and you will be required to serve the request on all other parties by email. Therefore, please include your own email address on the intervention form. Instructions for electronic filing via the “PUC Filer” on the Commission’s website can be found here: <https://interchange.puc.texas.gov/filer>. Instructions for using the PUC Filer are available at [http://www.puc.texas.gov/industry/filings/New\\_PUC\\_Web\\_Filer\\_Presentation.pdf](http://www.puc.texas.gov/industry/filings/New_PUC_Web_Filer_Presentation.pdf). For assistance with your electronic filing, please contact the Commission’s Help Desk at (512) 936-7100 or [helpdesk@puc.texas.gov](mailto:helpdesk@puc.texas.gov). You can review materials filed in this docket on the PUC Interchange at: <http://interchange.puc.texas.gov/>.

While the preferred method is for you to submit your request for intervention electronically, if you are unable to do so, you may file your request for intervention by mailing a hard copy of your request to the PUC, and the request should be received by the intervention deadline date of **October 11, 2021**. If you are not filing your request for intervention electronically, mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas

**ATTACHMENT NO. 9**



Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P. O. Box 13326  
Austin, Texas 78711-3326

Persons who wish to intervene in the docket must also email or mail a copy of their request for intervention to all parties in the docket and all persons that have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

The deadline for intervention in the docket is **October 11, 2021**, and the PUC should receive a letter from you requesting intervention by that date.

The PUC has a brochure titled "Landowners and Transmission Line Cases at the PUC." Copies of the brochure are available from Ife Adetoro of Oncor at (214) 486-4918 or may be downloaded from the PUC's website at [www.puc.state.tx.us](http://www.puc.state.tx.us). To obtain additional information about this docket, you may contact the PUC's Customer Assistance Hotline at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2989. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket.

Enclosures:

- Route Description and Map

## Composition of Routes

Route	Link Sequence
2	A - B - C - F - J - K - M - O - MM - OO
3	A - B - C - F - I - N - M - O - MM - OO
5	A - B - C - F - I - Q - FF - JJ - NN - OO
7	A - B - C - F - R - GG - HH - NN - OO
13	A - B - D - S - Z - DD - FF - JJ - NN - OO
14	A - B - D - S - Z - DD - FF - JJ - JP - PP - QQ - OO
17	A - B - D - S - Z - EE - JJ - NN - OO
18	A - B - D - S - Z - EE - JJ - JP - PP - QQ - OO
19	A - B - D - S - AA - BB - GG - HH - NN - OO
21	A - B - D - S - AA - BB - GG - II - WW - VV - PP - QQ - OO
22	A - B - D - S - AA - BB - GG - II - WW - UU - TT - QQ - OO
24	A - B - D - S - AA - CC - XX - WW - VV - PP - QQ - OO
25	A - B - D - S - AA - CC - XX - WW - UU - TT - QQ - OO
31	A - T - U - V - X - Y - Z - DD - FF - JJ - NN - OO
54	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - NN - OO
55	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - JP - PP - QQ - OO
57	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - NN - OO
58	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - JP - PP - QQ - OO
59	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - NN - OO
60	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - JP - PP - QQ - OO
61	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
62	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
64	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
65	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
69	A - T - U1 - V1 - X1 - Y - S - G - H - J - L - O - MM - OO
70	A - T - U1 - V1 - X1 - Y - S - G - H - J - K - M - O - MM - OO
71	A - T - U1 - V1 - X1 - Y - S - G - H - I - N - M - O - MM - OO
72	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - KK - P - M - O - MM - OO
73	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - NN - OO
74	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - JP - PP - QQ - OO
100	A - T - U - V - W - X1 - Y - Z - DD - FF - JJ - NN - OO
130	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
131	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
133	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
134	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
139	A - T - U1 - V1 - W2 - Y - S - G - H - J - K - M - O - MM - OO
140	A - T - U1 - V1 - W2 - Y - S - G - H - I - N - M - O - MM - OO
144	A - T - EEE - EEE1 - CCC - XX - WW - VV - PP - QQ - OO
145	A - T - EEE - EEE1 - CCC - XX - WW - UU - TT - QQ - OO
147	A - T - EEE - EEE1 - CCC - YY - ZZ - RR - OO
149	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - RR - OO
150	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - SS - TT - QQ - OO
151	A - T - U1 - DDD - EEE1 - CCC - XX - WW - VV - PP - QQ - OO

## Alternative Route Link Descriptions

### Link A

From the proposed Oystercatcher Substation, **Link A** proceeds in a northerly direction for approximately 586 feet to the intersection of **Links A, B, and T**. **Link A** crosses Iola Lane.

### Link AA

From the intersection of **Links AA, S, Y and Z**, **Link AA** proceeds in an easterly direction for approximately 1,208 feet to an angle point. From this angle point, **Link AA** continues in a north-northeasterly direction for approximately 1,170 feet to an angle point. This segment of **Link AA** crosses Chambers Creek. From this angle point, **Link AA** proceeds in a northeasterly direction for approximately 909 feet to the intersection of **Links AA, BB, and CC**.

### Link B

From the intersection of **Links A, B, and T**, **Link B** proceeds in a northwesterly direction for approximately 1,806 feet to an angle point. From this angle point, **Link B** continues in a north-northwesterly direction for approximately 2,562 feet to the intersection of **Links B, C, and D**. This segment of **Link B** crosses an unnamed creek, Bell Branch (stream), and another unnamed creek.

### Link BB

From the intersection of **Links AA, BB, and CC**, **Link BB** proceeds in a northwesterly direction for approximately 1,410 feet to the intersection of **Links BB, GG, and R**.

### Link C

From the intersection of **Links B, C, and D**, **Link C** proceeds in a northwesterly direction for approximately 1,132 feet to an angle point. From this angle point, **Link C** continues in a north-northwesterly direction for approximately 673 feet to the intersection of **Links C and F**.

### Link CC

From the intersection of **Links AA, BB, and CC**, **Link CC** proceeds in a northeasterly direction for approximately 3,008 feet to the intersection of **Links CC, CCC, XX, and YY**.

### Link CCC

From the intersection of **Links CCC, EEE1, and GGG**, **Link CCC** proceeds in a northwesterly direction for approximately 3,900 feet to the intersection of **Links CC, CCC, XX, and YY**. **Link CCC** crosses an unnamed creek three times.

### Link D

From the intersection of **Links B, C, and D**, **Link D** proceeds in a northeasterly direction for approximately 2,753 feet to an angle point. From this angle point, **Link D** continues in an easterly direction for approximately 647 feet to the intersection of **Links D, G, and S**. This segment of **Link D** crosses Bell Branch (stream).

### Link DD

From the intersection of **Links DD, EE, and Z**, **Link DD** proceeds in a north-northeasterly direction, parallel to Farm to Market Road (FM) 876 for approximately 836 feet to the intersection of **Links DD, FF, and Q**. **Link DD** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link DDD

From the intersection of **Links DDD, U1, and V1**, **Link DDD** proceeds in an easterly direction for approximately 6,062 feet to the intersection of **Links DDD, EEE, and EEE1**. **Link DDD** crosses two unnamed creeks.

### Link EE

From the intersection of **Links DD, EE, and Z**, **Link EE** proceeds in a northeasterly direction for approximately 2,228 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to an angle point. From this angle point, **Link EE** continues in a northwesterly direction for approximately 997 feet to the intersection of **Links EE, FF, JJ, and KK**. This segment of **Link EE** crosses Anderson Road.

### Link EEE

From the intersection of **Links EEE, T, U, and U1**, **Link EEE** proceeds in an east-northeasterly direction for approximately 5,950 feet to an angle point. This segment of **Link EEE** crosses two unnamed creeks. From this angle point, **Link EEE** continues in a northeasterly direction for approximately 788 feet to the intersection of **Links DDD, EEE, and EEE1**.

### Link EEE1

From the intersection of **Links DDD, EEE, and EEE1**, **Link EEE1** proceeds in a northeasterly direction for approximately 3,340 feet to the intersection of **Links CCC, EEE1, and GGG**. **Link EEE1** crosses Chambers Creek.

### Link F

From the intersection of **Links C and F**, **Link F** proceeds in a northwesterly direction for approximately 1,429 feet to an angle point. This segment of **Link F** crosses Bell Branch Road and the existing Brazos Electric Cooperative 69 kV transmission line. From this angle point, **Link F** continues in a northeasterly direction for approximately 3,180 feet to the intersection of **Links F, H, I, J, and R**. This segment of **Link F** crosses Witten Road.

### Link FF

From the intersection of **Links DD, FF, and Q**, **Link FF** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,989 feet to the intersection of **Links EE, FF, JJ, and KK**.

### Link G

From the intersection of **Links D, G, and S**, **Link G** proceeds in a northwesterly direction for approximately 864 feet to the intersection of **Links G and H**. This segment of **Link G** crosses Bell Branch (stream) three times and Bell Branch Road.

### Link GG

From the intersection of **Links BB, GG, and R**, **Link GG** proceeds in a northeasterly direction for approximately 2,676 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links GG, HH, and II**.

## Alternative Route Link Descriptions

### Link GGG

From the intersection of **Links CCC, EEE1, and GGG**, **Link GGG** proceeds in a northeasterly direction for approximately 4,012 feet to the intersection of **Links GGG and ZZ1**.

### Link H

From the intersection of **Links G and H**, **Link H** proceeds in a northwesterly direction for approximately 1,526 feet to the intersection of **Links F, H, I, J, and R**. **Link H** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link HH

From the intersection of **Links GG, HH, and II**, **Link HH** proceeds in a northwesterly direction for approximately 1,164 feet to the intersection of **Links HH, JJ, JP, and NN**. **Link HH** crosses the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road.

### Link I

From the intersection of **Links F, H, I, J, and R**, **Link I** proceeds in a northeasterly direction for approximately 2,748 feet to the intersection of **Links I, N, and Q**. **Link I** crosses Chambers Creek.

### Link II

From the intersection of **Links GG, HH, and II**, **Link II** proceeds in a northeasterly direction for approximately 252 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links II, WW, and XX**.

### Link J

From the intersection of **Links F, H, I, J, and R**, **Link J** proceeds in a northwesterly direction for approximately 1,816 feet to the intersection of **Links J, K and L**.

### Link JJ

From the intersection of **Links EE, FF, JJ, and KK**, **Link JJ** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,072 feet to the intersection of **Links HH, JJ, JP, and NN**.

### Link JP

From the intersection of **Links HH, JJ, JP, and NN**, **Link JP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 252 feet to the intersection of **Links JP, PP, and VV**.

### Link K

From the intersection of **Links J, K, and L**, **Link K** proceeds in a northeasterly direction for approximately 4,838 feet to the intersection of **Links K, M, N, and P**. **Link K** crosses Chambers Creek, an unnamed creek, and Baker Branch (stream).

### Link KK

From the intersection of **Links EE, FF, JJ, and KK**, **Link KK** proceeds in a northwesterly direction for approximately 1,959 feet to the intersection of **Links KK and P**.

## Alternative Route Link Descriptions

### Link L

From the intersection of **Links J, K, and L**, **Link L** proceeds in a northwesterly direction for approximately 2,384 feet to an angle point. This segment of **Link L** crosses Chambers Creek. **Link L** continues in a northeasterly direction for approximately 6,207 feet to an angle point. This segment of **Link L** crosses an unnamed creek and Baker Branch (stream). From the angle point, **Link L** proceeds in a southeasterly direction for approximately 965 feet to the intersection of **Links L, M, and O**.

### Link M

From the intersection of **Links K, M, N, and P**, **Link M** proceeds in a northeasterly direction, parallel to FM 876, for approximately 2,187 feet to the intersection of **Links L, M, and O**.

### Link MM

From the intersection of **Links MM and O**, **Link MM** proceeds in a southeasterly direction for approximately 1,088 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link MM** crosses an unnamed creek.

### Link N

From the intersection of **Links I, N, and Q**, **Link N** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,839 feet to the intersection of **Links K, M, N, and P**.

### Link NN

From the intersection of **Links HH, JJ, JP, and NN**, **Link NN** proceeds in a northwesterly direction for approximately 1,818 feet to an angle point. From this angle point, **Link NN** continues in a northeasterly direction for approximately 1,214 feet to the intersection of **Links MM, NN, OO, QQ and RR**. This segment of **Link NN** crosses an unnamed creek.

### Link O

From the intersection of **Links L, M, and O**, **Link O** proceeds in a southeasterly direction for approximately 613 feet to the intersection of **Links MM and O**. **Link O** crosses FM 876.

### Link OO

From the intersection of **Links MM, NN, OO, QQ, and RR**, **Link OO** proceeds in a northeasterly direction for approximately 368 feet to the proposed Oncor Old Country Switch.

### Link P

From the intersection of **Links K, M, N, and P**, **Link P** proceeds in an east-southeasterly direction for approximately 605 feet to the intersection of **Links P and KK**. **Link P** crosses FM 876.

### Link PP

From the intersection of **Links JP, PP, and VV**, **Link PP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 907 feet to the intersection of **Links PP, QQ, and TT**.

## Alternative Route Link Descriptions

### Link Q (Bi-directional link)

From the intersection of **Links I, N, and Q**, **Link Q** proceeds in an east-southeasterly direction for approximately 640 feet to the intersection of **Links DD, FF, and Q**. **Link Q** crosses FM 876.

### Link QQ

From the intersection of **Links PP, QQ, and TT**, **Link QQ** proceeds in a northwesterly direction for approximately 2,103 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link QQ** crosses an unnamed creek.

### Link R

From the intersection of **Links F, H, I, J, and R**, **Link R** proceeds in a northeasterly direction for approximately 199 feet to an angle point. From this angle point, **Link R** continues in an east-northeasterly direction for approximately 980 feet to a slight angle point. This segment of **Link R** crosses Chambers Creek. From the angle point, **Link R** continues in an east-northeasterly direction for approximately 1,006 feet to an angle point. From this angle point, **Link R** proceeds in an east-southeasterly direction for approximately 695 feet to an angle point. This segment of **Link R** crosses FM 876 and the existing Brazos Electric Cooperative 69 kV transmission line. From the angle point, **Link R** continues in a northeasterly direction for approximately 1,229 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links BB, GG, and R**.

### Link RR

From the intersection of **Links RR, SS, and ZZ**, **Link RR** proceeds in a northwesterly direction for approximately 1,219 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to an angle point. This segment of **Link RR** crosses Anderson Road and an unnamed creek. From the angle point, **Link RR** continues in a west-northwesterly direction for approximately 1,124 feet to an angle point. This segment of **Link RR** crosses an unnamed creek. From this angle point, **Link RR** proceeds in a northwesterly direction for approximately 1,006 feet to the intersection of **Links MM, NN, OO, QQ, and RR**.

### Link S (Bi-directional link)

From the intersection of **Links D, G, and S**, **Link S** proceeds in an easterly direction for approximately 592 feet to the intersection of **Links AA, S, Y, and Z**. **Link S** crosses FM 876.

### Link SS (Bi-directional link)

From the intersection of **Links SS, TT, and UU**, **Link SS** proceeds in a northeasterly direction for approximately 1,756 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to the intersection of **Links RR, SS, and ZZ**. **Link SS** crosses an unnamed creek.

### Link T

From the intersection of **Links A, B, and T**, **Link T** proceeds in an easterly direction for approximately 591 feet to the intersection of **Links EEE, T, U, and U1**. **Link T** crosses L R Campbell Road.

### Link TT

From the intersection of **Links SS, TT, and UU**, **Link TT** proceeds in a northwesterly direction for approximately 543 feet to the intersection of **Links PP, QQ, and TT**. **Link TT** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link U

From the intersection of **Links EEE, T, U, and U1**, **Link U** proceeds in a north-northwesterly direction for approximately 1,092 feet to the intersection of **Links U and V**.

### Link U1

From the intersection of **Links EEE, T, U, and U1**, **Link U1** proceeds in a northerly direction for approximately 1,800 feet to the intersection of **Links DDD, U1, and V1**.

### Link UU

From the intersection of **Links UU, VV, and WW**, **Link UU** proceeds in a northeasterly direction, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, for approximately 917 feet to the intersection of **Links SS, TT, and UU**.

### Link V

From the intersection of **Links U and V**, **Link V** proceeds in a northwesterly direction for approximately 1,198 feet to the intersection of **Links V, W, and X**.

### Link V1

From the intersection of **Links DDD, U1, and V1**, **Link V1** proceeds in a northerly direction for approximately 933 feet to the intersection of **Links V1, W, W2, and X1**. **Link V1** crosses an unnamed creek.

### Link VV

From the intersection of **Links UU, VV, and WW**, **Link VV** proceeds in a northwesterly direction for approximately 577 feet to the intersection of **Links JP, PP, and VV**. **Link VV** crosses Anderson Road.

### Link W

From the intersection of **Links V, W, and X**, **Link W** proceeds in a northeasterly direction for approximately 1,189 feet to the intersection of **Links V1, W, W2, and X1**.

### Link W2

From the intersection of **Links V1, W, W2, and X1**, **Link W2** proceeds in a northeasterly direction for approximately 1,099 feet to an angle point. From this angle point, **Link W2** continues in a northwesterly direction for approximately 1,939 feet to the intersection of **Links X, X1, W2, and Y**.

### Link WW

From the intersection of **Links II, WW, and XX**, **Link WW** proceeds in a northwesterly direction for approximately 593 feet to the intersection of **Links UU, VV, and WW**. **Link WW** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link X

From the intersection of **Links V, W, and X**, **Link X** proceeds in a north-northeasterly direction for approximately 3,067 feet to the intersection of **Links X, X1, W2, and Y**.



## **Alternative Route Link Descriptions**

### **Link X1**

From the intersection of **Links V1, W, W2, and X1**, **Link X1** proceeds in a northerly direction for approximately 2,210 feet to the intersection of **Links X, X1, W2, and Y**.

### **Link XX**

From the intersection of **Links CC, CCC, XX, and YY**, **Link XX** proceeds in a northwesterly direction for approximately 1,365 feet to the intersection of **Links II, WW, and XX**.

### **Link Y**

From the intersection of **Links X, X1, W2, and Y**, **Link Y** proceeds in a northerly direction, parallel to FM 876, for approximately 860 feet to the intersection of **Links AA, S, Y, and Z**.

### **Link YY**

From the intersection of **Links CC, CCC, XX, and YY**, **Link YY** proceeds in a northeasterly direction for approximately 3,127 feet to the intersection of **Links YY, ZZ, and ZZ1**. **Link YY** crosses an unnamed creek.

### **Link Z**

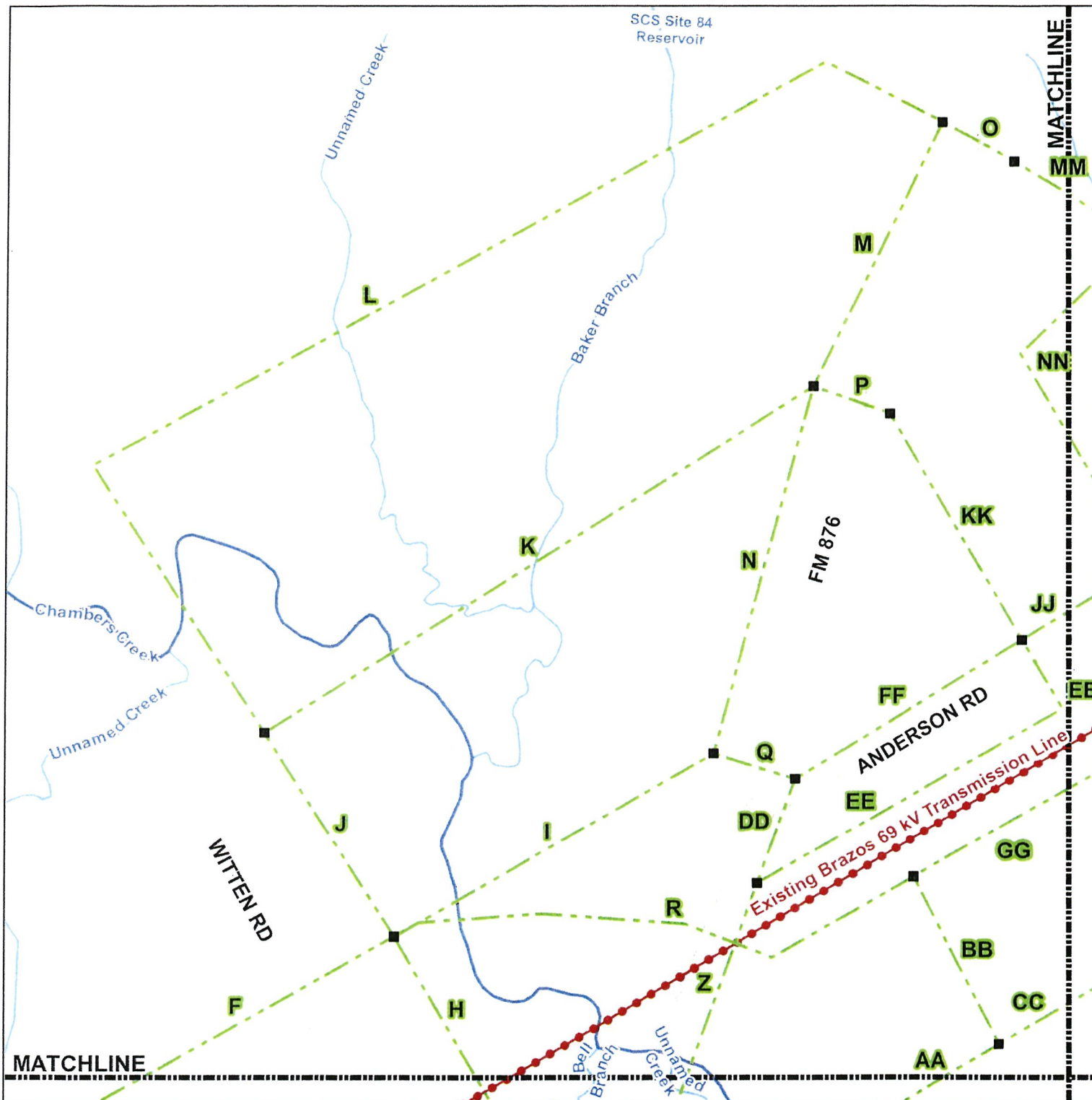
From the intersection of **Links AA, S, Y, and Z**, **Link Z** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,663 feet to the intersection of **Links DD, EE, and Z**. **Link Z** crosses an unnamed creek, Chambers Creek, and the existing Brazos Electric Cooperative 69 kV transmission line.

### **Link ZZ**

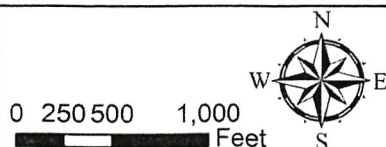
From the intersection of **Links YY, ZZ, and ZZ1**, **Link ZZ** proceeds in a northwesterly direction for approximately 2,033 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links RR, SS, and ZZ**. **Link ZZ** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### **Link ZZ1**

From the intersection of **Links GGG and ZZ1**, **Link ZZ1** proceeds in a northwesterly direction for approximately 4,048 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links YY, ZZ, and ZZ1**.



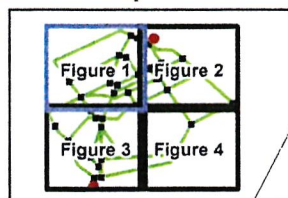
**FIGURE 1. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All  
 features and boundaries have been  
 approximated from public resources.

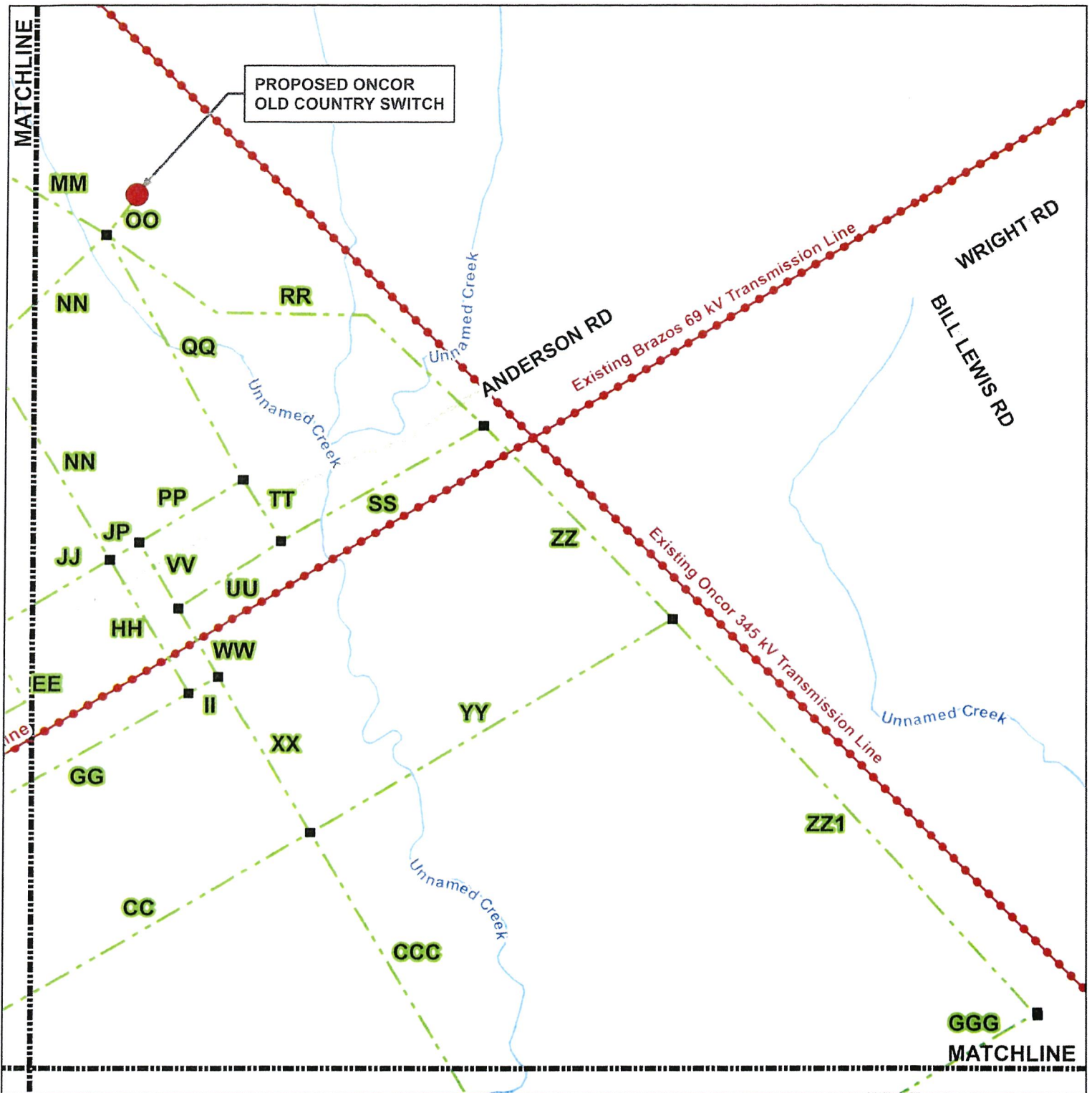
- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- ~ Open Water/Waterbodies
- Major and Minor Roads

#### Extent Map

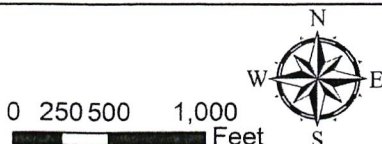


#### Vicinity Map





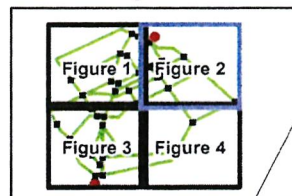
**FIGURE 2. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



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 Data is for display purposes only. All features and boundaries have been approximated from public resources.

- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- Rivers and Streams
- Open Water/Waterbodies
- Major and Minor Roads

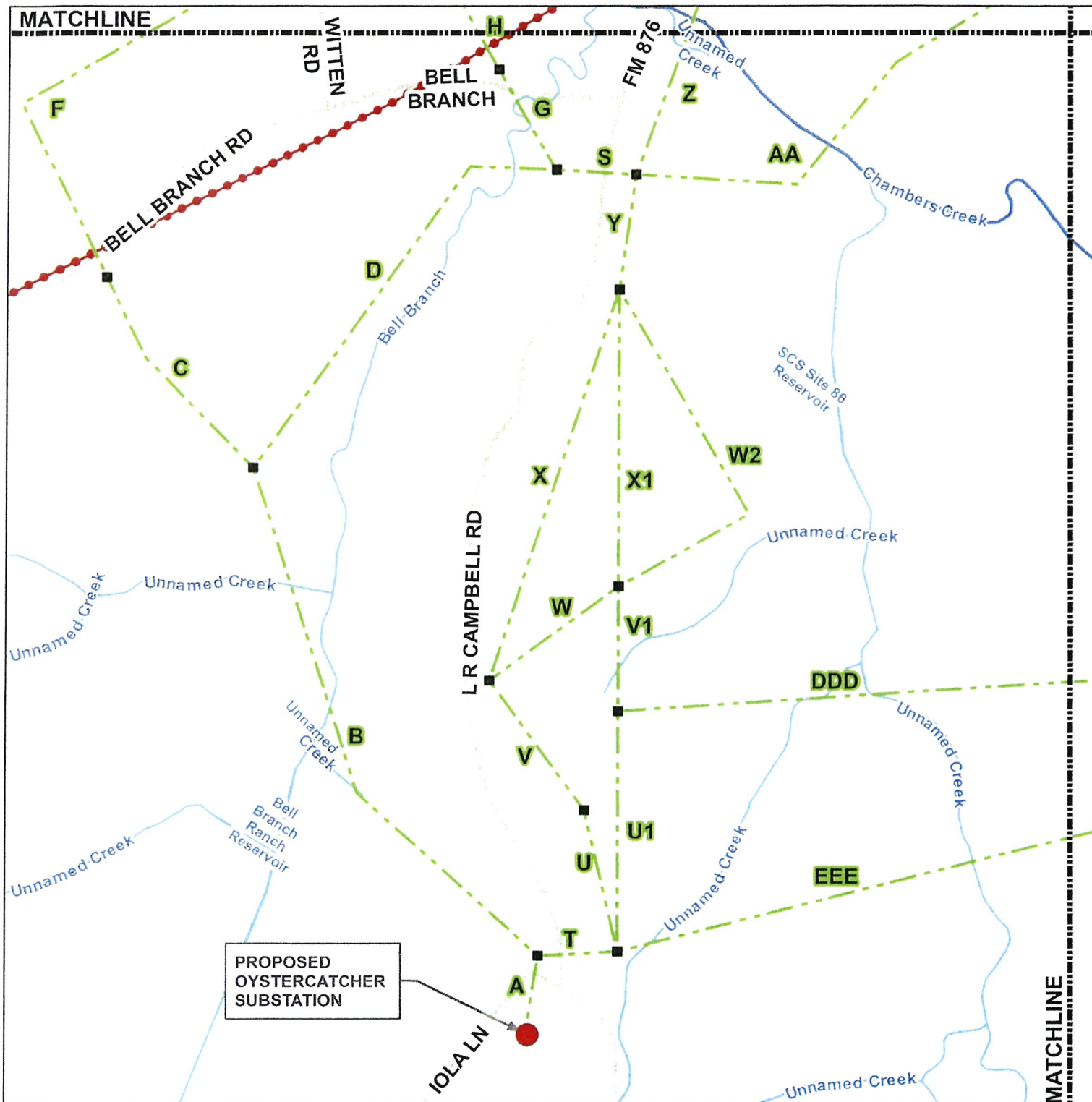
#### Extent Map



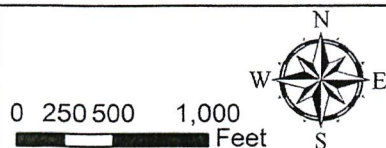
#### Vicinity Map







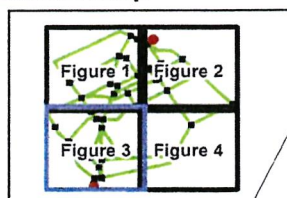
**FIGURE 3. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

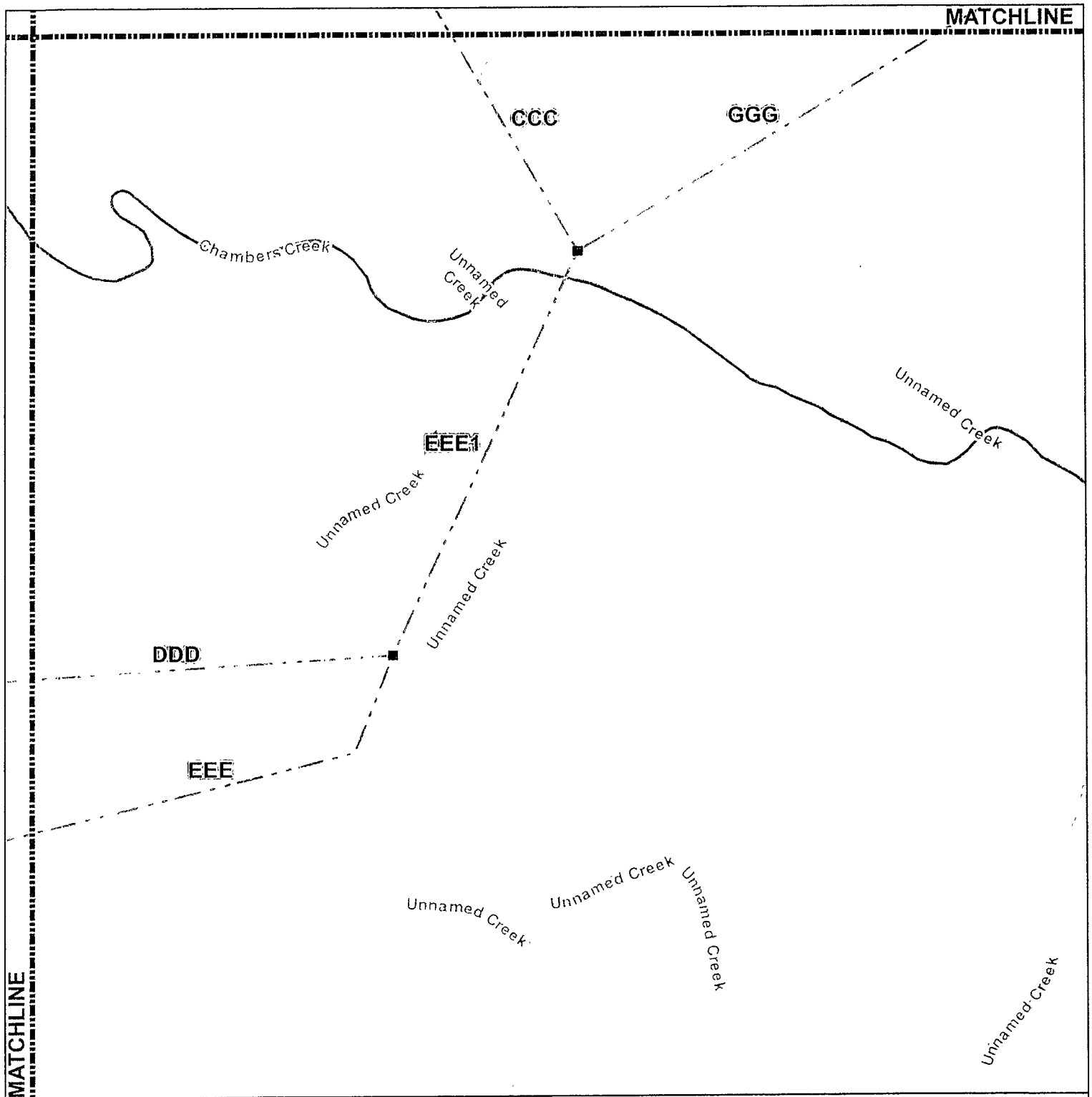
- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
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#### Extent Map

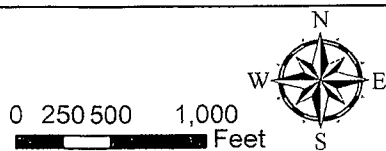


#### Vicinity Map





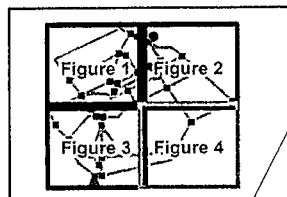
**FIGURE 4. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



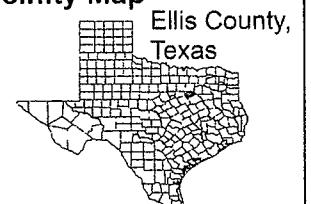
Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

- Project Endpoints
- Route Link Nodes
- - - Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- Open Water/Waterbodies
- Major and Minor Roads

#### Extent Map



#### Vicinity Map



***Application of Oncor Electric Delivery Company LLC to Amend Its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, Texas***

**PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 52455**

This notice is provided to notify you of the intent of Oncor Electric Delivery Company LLC (“Oncor”) to construct a new 345 kilovolt (“kV”) transmission line between the proposed Oncor Old Country Switch station and the proposed Oystercatcher Solar Substation, both located in Ellis County. The proposed Oncor Old Country Switch station will be located along the existing Oncor Venus Switch – Navarro Switch 345 kV transmission line approximately two miles to the west of Interstate Highway 35 East (I-35E) and approximately 0.3 miles to the east of Farm to Market Road (FM) 876. The Oystercatcher Solar Substation is located proximal to the intersection of Iola Lane and L R Campbell Road approximately 3.5 miles to the north-northwest of Italy, Texas. The Proposed Transmission Line Project will be approximately 5 miles to the northwest of downtown Italy, Texas. The proposed transmission line will be approximately 3.2 – 4.9 miles in length, depending on which route is selected by the Public Utility Commission of Texas (“PUC”). The estimated cost of this project is \$18,217,000 - \$21,520,000.

Persons with questions about the transmission line may contact Ife Adetoro of Oncor at (214) 486-4918.

A detailed routing map may be reviewed at the following location:

Display Location	Address
Public Works and Utilities Department	413 Clark St. Italy, TX 76651

**All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.**

Due to the COVID-19 pandemic, the preferred method for you to file your request for intervention is electronically, and you will be required to serve the request on all other parties by email. Therefore, please include your own email address on the intervention form. Instructions for electronic filing via the “PUC Filer” on the Commission’s website can be found here: <https://interchange.puc.texas.gov/filer>. Instructions for using the PUC Filer are available at [http://www.puc.texas.gov/industry/filings/New\\_PUC\\_Web\\_Filer\\_Presentation.pdf](http://www.puc.texas.gov/industry/filings/New_PUC_Web_Filer_Presentation.pdf). For assistance with your electronic filing, please contact the Commission’s Help Desk at (512) 936-7100 or [helpdesk@puc.texas.gov](mailto:helpdesk@puc.texas.gov). You can review materials filed in this docket on the PUC Interchange at: <http://interchange.puc.texas.gov/>.

While the preferred method is for you to submit your request for intervention electronically, if you are unable to do so, you may file your request for intervention by mailing a hard copy of your request to the PUC, and the request should be received by the intervention deadline date of **October 11, 2021**. If you are not filing your request for intervention electronically, mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P. O. Box 13326  
Austin, Texas 78711-3326

Persons who wish to intervene in the docket must also email or mail a copy of their request for intervention to all parties in the docket and all persons that have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

The deadline for intervention in the docket is **October 11, 2021**, and the PUC should receive a letter from you requesting intervention by that date.

The PUC has a brochure titled "Landowners and Transmission Line Cases at the PUC." Copies of the brochure are available from Ife Adetoro of Oncor at (214) 486-4918 or may be downloaded from the PUC's website at [www.puc.state.tx.us](http://www.puc.state.tx.us). To obtain additional information about this docket, you may contact the PUC's Customer Assistance Hotline at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2989. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket.

**Table 1. Composition of Routes Filed in the CCN Application  
Old Country Switch 345 kV Tap Transmission Line Project**

Route	Link Sequence	Total Length (miles)
2	A - B - C - F - J - K - M - O - MM - OO	4.2
3	A - B - C - F - I - N - M - O - MM - OO	4.0
5	A - B - C - F - I - Q - FF - JJ - NN - OO	4.0
7	A - B - C - F - R - GG - HH - NN - OO	4.3
13	A - B - D - S - Z - DD - FF - JJ - NN - OO	3.6
14	A - B - D - S - Z - DD - FF - JJ - JP - PP - QQ - OO	3.6
17	A - B - D - S - Z - EE - JJ - NN - OO	3.7
18	A - B - D - S - Z - EE - JJ - JP - PP - QQ - OO	3.7
19	A - B - D - S - AA - BB - GG - HH - NN - OO	4.0
21	A - B - D - S - AA - BB - GG - II - WW - VV - PP - QQ - OO	4.0
22	A - B - D - S - AA - BB - GG - II - WW - UU - TT - QQ - OO	4.0
24	A - B - D - S - AA - CC - XX - WW - VV - PP - QQ - OO	4.0
25	A - B - D - S - AA - CC - XX - WW - UU - TT - QQ - OO	4.0
31	A - T - U - V - X - Y - Z - DD - FF - JJ - NN - OO	3.3
54	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - NN - OO	3.2
55	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - JP - PP - QQ - OO	3.3
57	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - NN - OO	3.3
58	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - JP - PP - QQ - OO	3.3
59	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - NN - OO	3.6
60	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - JP - PP - QQ - OO	3.6
61	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO	3.6
62	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO	3.6
64	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - VV - PP - QQ - OO	3.6
65	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - UU - TT - QQ - OO	3.6
69	A - T - U1 - V1 - X1 - Y - S - G - H - J - L - O - MM - OO	4.4
70	A - T - U1 - V1 - X1 - Y - S - G - H - J - K - M - O - MM - OO	4.0
71	A - T - U1 - V1 - X1 - Y - S - G - H - I - N - M - O - MM - OO	3.8
72	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - KK - P - M - O - MM - OO	4.2
73	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - NN - OO	3.8
74	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - JP - PP - QQ - OO	3.8
100	A - T - U - V - W - X1 - Y - Z - DD - FF - JJ - NN - OO	3.3
130	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO	3.8
131	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO	3.8
133	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - VV - PP - QQ - OO	3.8
134	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - UU - TT - QQ - OO	3.8
139	A - T - U1 - V1 - W2 - Y - S - G - H - J - K - M - O - MM - OO	4.1
140	A - T - U1 - V1 - W2 - Y - S - G - H - I - N - M - O - MM - OO	3.9
144	A - T - EEE - EEE1 - CCC - XX - WW - VV - PP - QQ - OO	4.0
145	A - T - EEE - EEE1 - CCC - XX - WW - UU - TT - QQ - OO	4.0
147	A - T - EEE - EEE1 - CCC - YY - ZZ - RR - OO	4.6
149	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - RR - OO	4.7
150	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - SS - TT - QQ - OO	4.9
151	A - T - U1 - DDD - EEE1 - CCC - XX - WW - VV - PP - QQ - OO	4.2



## Alternative Route Link Descriptions

### Link A

From the proposed Oystercatcher Substation, **Link A** proceeds in a northerly direction for approximately 586 feet to the intersection of **Links A, B, and T**. **Link A** crosses Iola Lane.

### Link AA

From the intersection of **Links AA, S, Y and Z**, **Link AA** proceeds in an easterly direction for approximately 1,208 feet to an angle point. From this angle point, **Link AA** continues in a north-northeasterly direction for approximately 1,170 feet to an angle point. This segment of **Link AA** crosses Chambers Creek. From this angle point, **Link AA** proceeds in a northeasterly direction for approximately 909 feet to the intersection of **Links AA, BB, and CC**.

### Link B

From the intersection of **Links A, B, and T**, **Link B** proceeds in a northwesterly direction for approximately 1,806 feet to an angle point. From this angle point, **Link B** continues in a north-northwesterly direction for approximately 2,562 feet to the intersection of **Links B, C, and D**. This segment of **Link B** crosses an unnamed creek, Bell Branch (stream), and another unnamed creek.

### Link BB

From the intersection of **Links AA, BB, and CC**, **Link BB** proceeds in a northwesterly direction for approximately 1,410 feet to the intersection of **Links BB, GG, and R**.

### Link C

From the intersection of **Links B, C, and D**, **Link C** proceeds in a northwesterly direction for approximately 1,132 feet to an angle point. From this angle point, **Link C** continues in a north-northwesterly direction for approximately 673 feet to the intersection of **Links C and F**.

### Link CC

From the intersection of **Links AA, BB, and CC**, **Link CC** proceeds in a northeasterly direction for approximately 3,008 feet to the intersection of **Links CC, CCC, XX, and YY**.

### Link CCC

From the intersection of **Links CCC, EEE1, and GGG**, **Link CCC** proceeds in a northwesterly direction for approximately 3,900 feet to the intersection of **Links CC, CCC, XX, and YY**. **Link CCC** crosses an unnamed creek three times.

### Link D

From the intersection of **Links B, C, and D**, **Link D** proceeds in a northeasterly direction for approximately 2,753 feet to an angle point. From this angle point, **Link D** continues in an easterly direction for approximately 647 feet to the intersection of **Links D, G, and S**. This segment of **Link D** crosses Bell Branch (stream).

### Link DD

From the intersection of **Links DD, EE, and Z**, **Link DD** proceeds in a north-northeasterly direction, parallel to Farm to Market Road (FM) 876 for approximately 836 feet to the intersection of **Links DD, FF, and Q**. **Link DD** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link DDD

From the intersection of **Links DDD, U1, and V1**, **Link DDD** proceeds in an easterly direction for approximately 6,062 feet to the intersection of **Links DDD, EEE, and EEE1**. **Link DDD** crosses two unnamed creeks.

### Link EE

From the intersection of **Links DD, EE, and Z**, **Link EE** proceeds in a northeasterly direction for approximately 2,228 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to an angle point. From this angle point, **Link EE** continues in a northwesterly direction for approximately 997 feet to the intersection of **Links EE, FF, JJ, and KK**. This segment of **Link EE** crosses Anderson Road.

### Link EEE

From the intersection of **Links EEE, T, U, and U1**, **Link EEE** proceeds in an east-northeasterly direction for approximately 5,950 feet to an angle point. This segment of **Link EEE** crosses two unnamed creeks. From this angle point, **Link EEE** continues in a northeasterly direction for approximately 788 feet to the intersection of **Links DDD, EEE, and EEE1**.

### Link EEE1

From the intersection of **Links DDD, EEE, and EEE1**, **Link EEE1** proceeds in a northeasterly direction for approximately 3,340 feet to the intersection of **Links CCC, EEE1, and GGG**. **Link EEE1** crosses Chambers Creek.

### Link F

From the intersection of **Links C and F**, **Link F** proceeds in a northwesterly direction for approximately 1,429 feet to an angle point. This segment of **Link F** crosses Bell Branch Road and the existing Brazos Electric Cooperative 69 kV transmission line. From this angle point, **Link F** continues in a northeasterly direction for approximately 3,180 feet to the intersection of **Links F, H, I, J, and R**. This segment of **Link F** crosses Witten Road.

### Link FF

From the intersection of **Links DD, FF, and Q**, **Link FF** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,989 feet to the intersection of **Links EE, FF, JJ, and KK**.

### Link G

From the intersection of **Links D, G, and S**, **Link G** proceeds in a northwesterly direction for approximately 864 feet to the intersection of **Links G and H**. This segment of **Link G** crosses Bell Branch (stream) three times and Bell Branch Road.

### Link GG

From the intersection of **Links BB, GG, and R**, **Link GG** proceeds in a northeasterly direction for approximately 2,676 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links GG, HH, and II**.

## Alternative Route Link Descriptions

### Link GGG

From the intersection of **Links CCC, EEE1, and GGG**, **Link GGG** proceeds in a northeasterly direction for approximately 4,012 feet to the intersection of **Links GGG and ZZ1**.

### Link H

From the intersection of **Links G and H**, **Link H** proceeds in a northwesterly direction for approximately 1,526 feet to the intersection of **Links F, H, I, J, and R**. **Link H** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link HH

From the intersection of **Links GG, HH, and II**, **Link HH** proceeds in a northwesterly direction for approximately 1,164 feet to the intersection of **Links HH, JJ, JP, and NN**. **Link HH** crosses the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road.

### Link I

From the intersection of **Links F, H, I, J, and R**, **Link I** proceeds in a northeasterly direction for approximately 2,748 feet to the intersection of **Links I, N, and Q**. **Link I** crosses Chambers Creek.

### Link II

From the intersection of **Links GG, HH, and II**, **Link II** proceeds in a northeasterly direction for approximately 252 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links II, WW, and XX**.

### Link J

From the intersection of **Links F, H, I, J, and R**, **Link J** proceeds in a northwesterly direction for approximately 1,816 feet to the intersection of **Links J, K and L**.

### Link JJ

From the intersection of **Links EE, FF, JJ, and KK**, **Link JJ** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,072 feet to the intersection of **Links HH, JJ, JP, and NN**.

### Link JP

From the intersection of **Links HH, JJ, JP, and NN**, **Link JP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 252 feet to the intersection of **Links JP, PP, and VV**.

### Link K

From the intersection of **Links J, K, and L**, **Link K** proceeds in a northeasterly direction for approximately 4,838 feet to the intersection of **Links K, M, N, and P**. **Link K** crosses Chambers Creek, an unnamed creek, and Baker Branch (stream).

### Link KK

From the intersection of **Links EE, FF, JJ, and KK**, **Link KK** proceeds in a northwesterly direction for approximately 1,959 feet to the intersection of **Links KK and P**.

## Alternative Route Link Descriptions

### Link L

From the intersection of **Links J, K, and L**, **Link L** proceeds in a northwesterly direction for approximately 2,384 feet to an angle point. This segment of **Link L** crosses Chambers Creek. **Link L** continues in a northeasterly direction for approximately 6,207 feet to an angle point. This segment of **Link L** crosses an unnamed creek and Baker Branch (stream). From the angle point, **Link L** proceeds in a southeasterly direction for approximately 965 feet to the intersection of **Links L, M, and O**.

### Link M

From the intersection of **Links K, M, N, and P**, **Link M** proceeds in a northeasterly direction, parallel to FM 876, for approximately 2,187 feet to the intersection of **Links L, M, and O**.

### Link MM

From the intersection of **Links MM and O**, **Link MM** proceeds in a southeasterly direction for approximately 1,088 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link MM** crosses an unnamed creek.

### Link N

From the intersection of **Links I, N, and Q**, **Link N** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,839 feet to the intersection of **Links K, M, N, and P**.

### Link NN

From the intersection of **Links HH, JJ, JP, and NN**, **Link NN** proceeds in a northwesterly direction for approximately 1,818 feet to an angle point. From this angle point, **Link NN** continues in a northeasterly direction for approximately 1,214 feet to the intersection of **Links MM, NN, OO, QQ and RR**. This segment of **Link NN** crosses an unnamed creek.

### Link O

From the intersection of **Links L, M, and O**, **Link O** proceeds in a southeasterly direction for approximately 613 feet to the intersection of **Links MM and O**. **Link O** crosses FM 876.

### Link OO

From the intersection of **Links MM, NN, OO, QQ, and RR**, **Link OO** proceeds in a northeasterly direction for approximately 368 feet to the proposed Oncor Old Country Switch.

### Link P

From the intersection of **Links K, M, N, and P**, **Link P** proceeds in an east-southeasterly direction for approximately 605 feet to the intersection of **Links P and KK**. **Link P** crosses FM 876.

### Link PP

From the intersection of **Links JP, PP, and VV**, **Link PP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 907 feet to the intersection of **Links PP, QQ, and TT**.

## **Alternative Route Link Descriptions**

### **Link Q (Bi-directional link)**

From the intersection of **Links I, N, and Q**, **Link Q** proceeds in an east-southeasterly direction for approximately 640 feet to the intersection of **Links DD, FF, and Q**. **Link Q** crosses FM 876.

### **Link QQ**

From the intersection of **Links PP, QQ, and TT**, **Link QQ** proceeds in a northwesterly direction for approximately 2,103 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link QQ** crosses an unnamed creek.

### **Link R**

From the intersection of **Links F, H, I, J, and R**, **Link R** proceeds in a northeasterly direction for approximately 199 feet to an angle point. From this angle point, **Link R** continues in an east-northeasterly direction for approximately 980 feet to a slight angle point. This segment of **Link R** crosses Chambers Creek. From the angle point, **Link R** continues in an east-northeasterly direction for approximately 1,006 feet to an angle point. From this angle point, **Link R** proceeds in an east-southeasterly direction for approximately 695 feet to an angle point. This segment of **Link R** crosses FM 876 and the existing Brazos Electric Cooperative 69 kV transmission line. From the angle point, **Link R** continues in a northeasterly direction for approximately 1,229 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links BB, GG, and R**.

### **Link RR**

From the intersection of **Links RR, SS, and ZZ**, **Link RR** proceeds in a northwesterly direction for approximately 1,219 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to an angle point. This segment of **Link RR** crosses Anderson Road and an unnamed creek. From the angle point, **Link RR** continues in a west-northwesterly direction for approximately 1,124 feet to an angle point. This segment of **Link RR** crosses an unnamed creek. From this angle point, **Link RR** proceeds in a northwesterly direction for approximately 1,006 feet to the intersection of **Links MM, NN, OO, QQ, and RR**.

### **Link S (Bi-directional link)**

From the intersection of **Links D, G, and S**, **Link S** proceeds in an easterly direction for approximately 592 feet to the intersection of **Links AA, S, Y, and Z**. **Link S** crosses FM 876.

### **Link SS (Bi-directional link)**

From the intersection of **Links SS, TT, and UU**, **Link SS** proceeds in a northeasterly direction for approximately 1,756 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to the intersection of **Links RR, SS, and ZZ**. **Link SS** crosses an unnamed creek.

### **Link T**

From the intersection of **Links A, B, and T**, **Link T** proceeds in an easterly direction for approximately 591 feet to the intersection of **Links EEE, T, U, and U1**. **Link T** crosses L R Campbell Road.

### **Link TT**

From the intersection of **Links SS, TT, and UU**, **Link TT** proceeds in a northwesterly direction for approximately 543 feet to the intersection of **Links PP, QQ, and TT**. **Link TT** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link U

From the intersection of **Links EEE, T, U, and U1**, **Link U** proceeds in a north-northwesterly direction for approximately 1,092 feet to the intersection of **Links U and V**.

### Link U1

From the intersection of **Links EEE, T, U, and U1**, **Link U1** proceeds in a northerly direction for approximately 1,800 feet to the intersection of **Links DDD, U1, and V1**.

### Link UU

From the intersection of **Links UU, VV, and WW**, **Link UU** proceeds in a northeasterly direction, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, for approximately 917 feet to the intersection of **Links SS, TT, and UU**.

### Link V

From the intersection of **Links U and V**, **Link V** proceeds in a northwesterly direction for approximately 1,198 feet to the intersection of **Links V, W, and X**.

### Link V1

From the intersection of **Links DDD, U1, and V1**, **Link V1** proceeds in a northerly direction for approximately 933 feet to the intersection of **Links V1, W, W2, and X1**. **Link V1** crosses an unnamed creek.

### Link VV

From the intersection of **Links UU, VV, and WW**, **Link VV** proceeds in a northwesterly direction for approximately 577 feet to the intersection of **Links JP, PP, and VV**. **Link VV** crosses Anderson Road.

### Link W

From the intersection of **Links V, W, and X**, **Link W** proceeds in a northeasterly direction for approximately 1,189 feet to the intersection of **Links V1, W, W2, and X1**.

### Link W2

From the intersection of **Links V1, W, W2, and X1**, **Link W2** proceeds in a northeasterly direction for approximately 1,099 feet to an angle point. From this angle point, **Link W2** continues in a northwesterly direction for approximately 1,939 feet to the intersection of **Links X, X1, W2, and Y**.

### Link WW

From the intersection of **Links II, WW, and XX**, **Link WW** proceeds in a northwesterly direction for approximately 593 feet to the intersection of **Links UU, VV, and WW**. **Link WW** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link X

From the intersection of **Links V, W, and X**, **Link X** proceeds in a north-northeasterly direction for approximately 3,067 feet to the intersection of **Links X, X1, W2, and Y**.

## Alternative Route Link Descriptions

### Link X1

From the intersection of **Links V1, W, W2, and X1**, **Link X1** proceeds in a northerly direction for approximately 2,210 feet to the intersection of **Links X, X1, W2, and Y**.

### Link XX

From the intersection of **Links CC, CCC, XX, and YY**, **Link XX** proceeds in a northwesterly direction for approximately 1,365 feet to the intersection of **Links II, WW, and XX**.

### Link Y

From the intersection of **Links X, X1, W2, and Y**, **Link Y** proceeds in a northerly direction, parallel to FM 876, for approximately 860 feet to the intersection of **Links AA, S, Y, and Z**.

### Link YY

From the intersection of **Links CC, CCC, XX, and YY**, **Link YY** proceeds in a northeasterly direction for approximately 3,127 feet to the intersection of **Links YY, ZZ, and ZZ1**. **Link YY** crosses an unnamed creek.

### Link Z

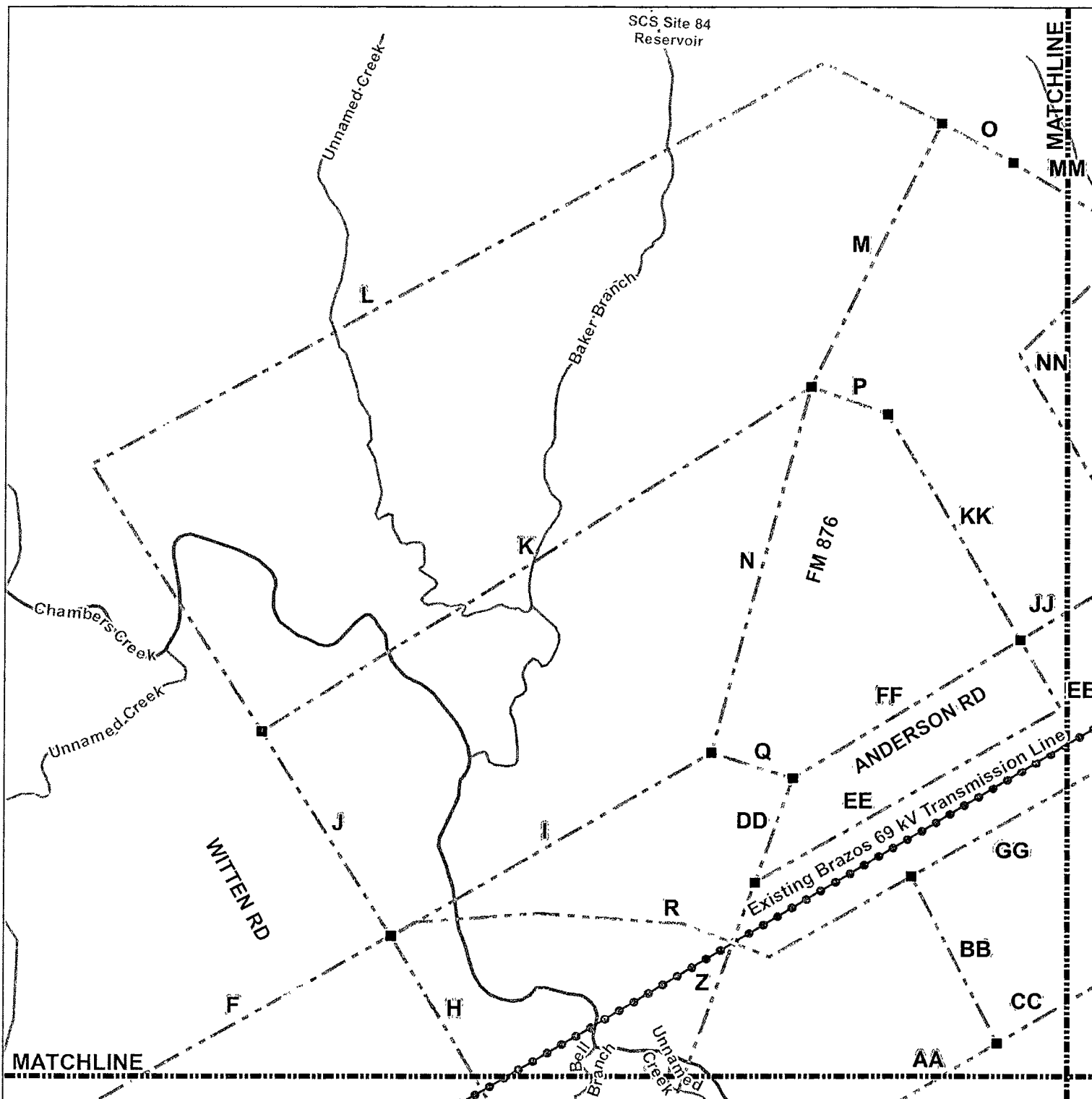
From the intersection of **Links AA, S, Y, and Z**, **Link Z** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,663 feet to the intersection of **Links DD, EE, and Z**. **Link Z** crosses an unnamed creek, Chambers Creek, and the existing Brazos Electric Cooperative 69 kV transmission line.

### Link ZZ

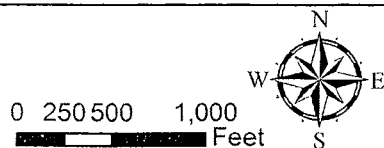
From the intersection of **Links YY, ZZ, and ZZ1**, **Link ZZ** proceeds in a northwesterly direction for approximately 2,033 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links RR, SS, and ZZ**. **Link ZZ** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link ZZ1

From the intersection of **Links GGG and ZZ1**, **Link ZZ1** proceeds in a northwesterly direction for approximately 4,048 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links YY, ZZ, and ZZ1**.



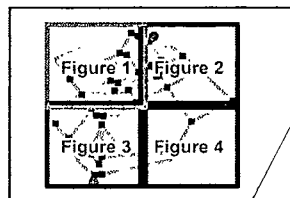
**FIGURE 1. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note  
 Data is for display purposes only. All  
 features and boundaries have been  
 approximated from public resources.

- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- Rivers and Streams
- Open Water/Waterbodies
- Major and Minor Roads

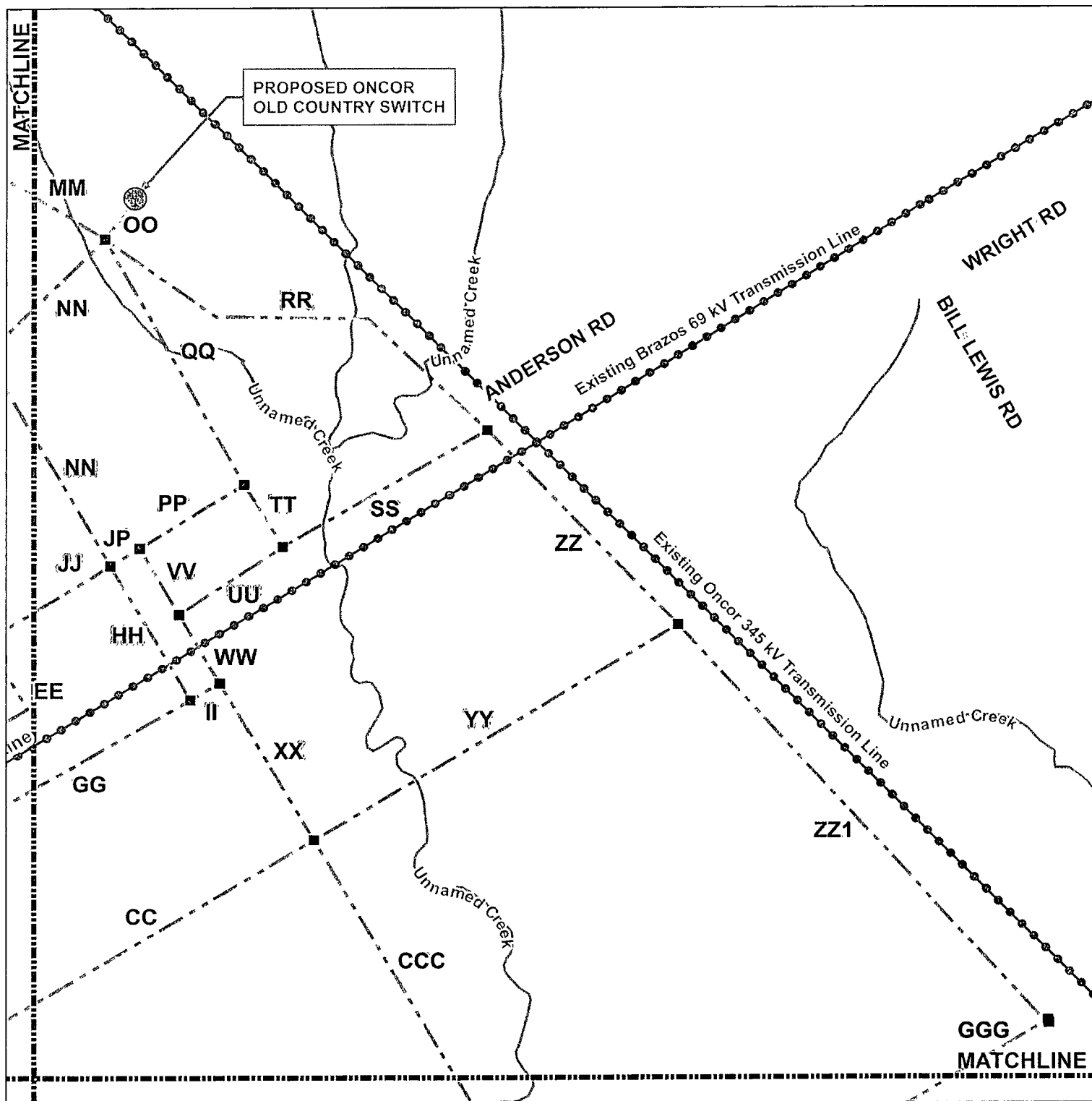
#### Extent Map



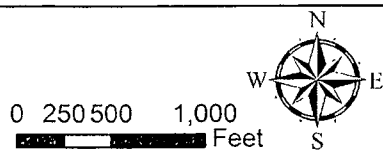
#### Vicinity Map







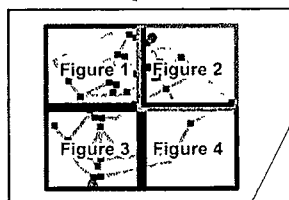
**FIGURE 2. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

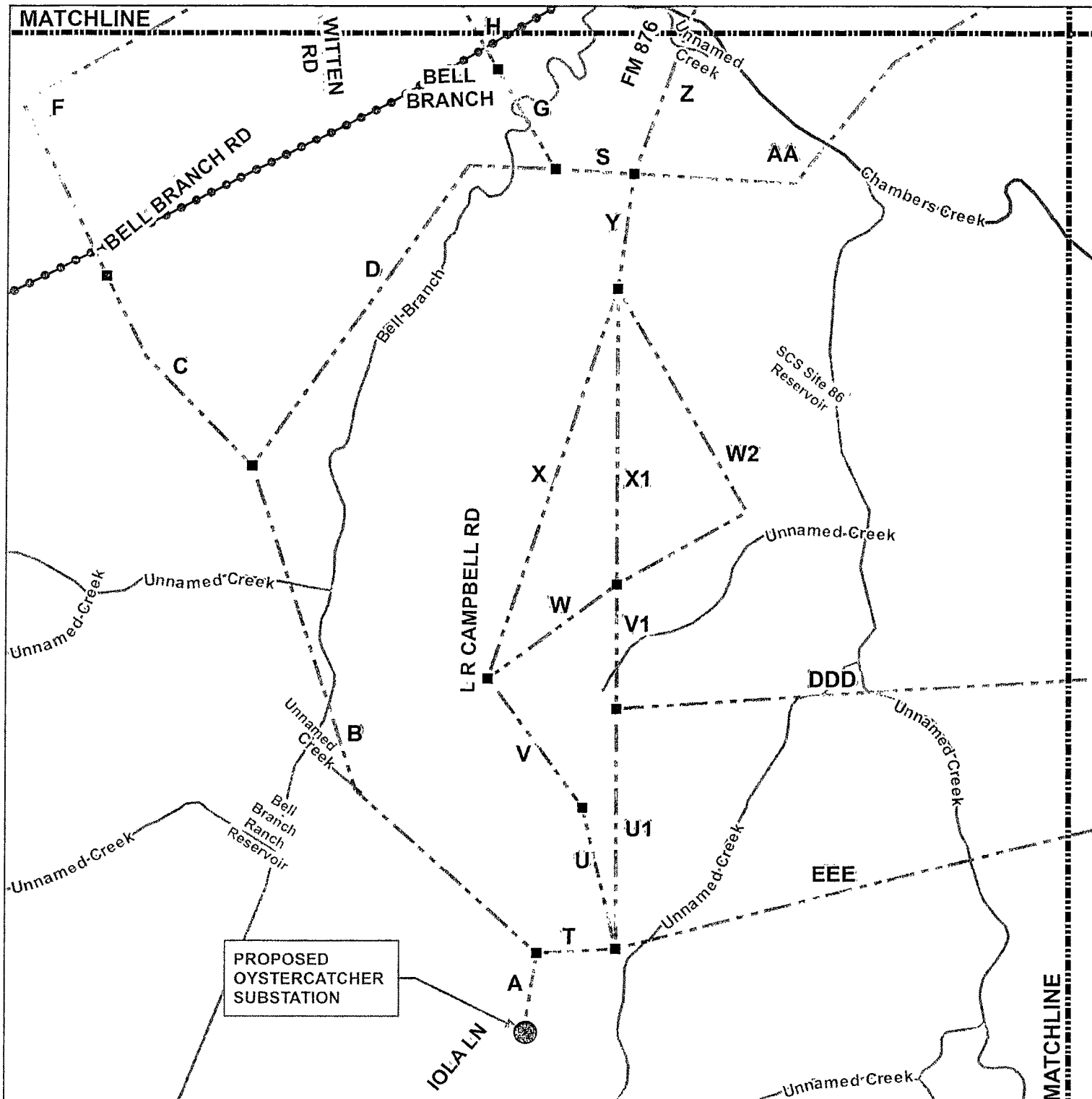
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- - - Proposed Alternative Route Links
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#### Extent Map

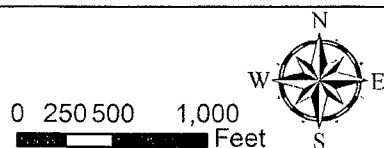


#### Vicinity Map





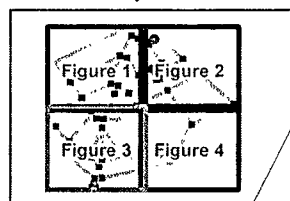
**FIGURE 3. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



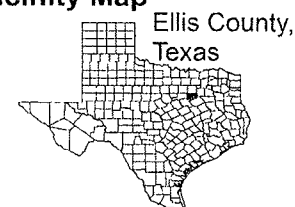
Note:  
 Data is for display purposes only. All  
 features and boundaries have been  
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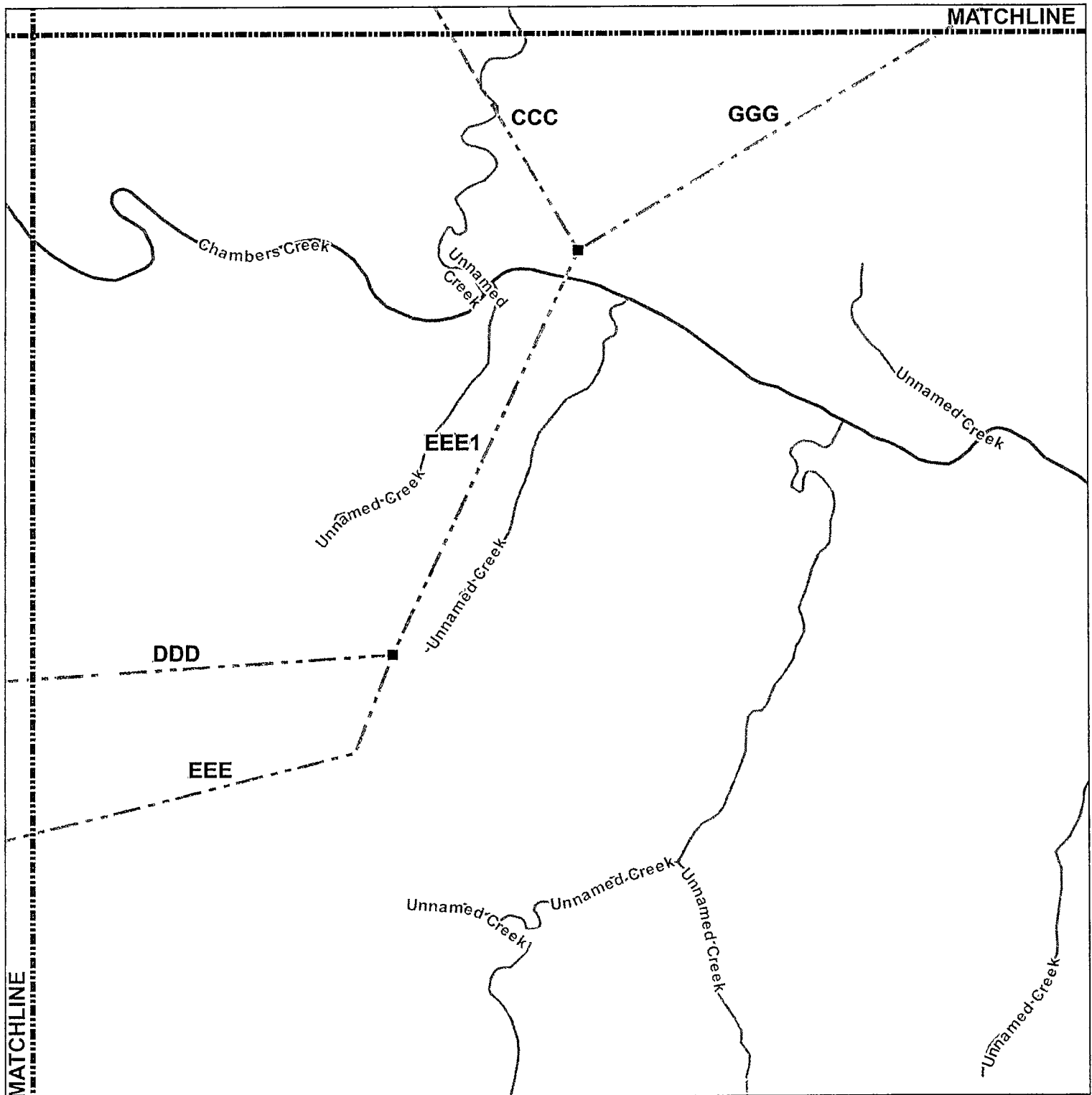
- Project Endpoints
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#### Extent Map

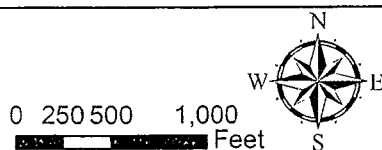


#### Vicinity Map





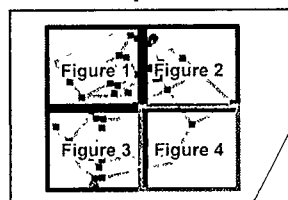
**FIGURE 4. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



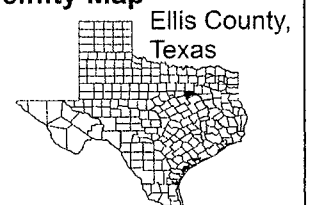
Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

- Project Endpoints
- Route Link Nodes
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- Existing Transmission Lines
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- Major and Minor Roads

#### Extent Map



#### Vicinity Map



***Application of Oncor Electric Delivery Company LLC to Amend Its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line in Ellis County, Texas***

**PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 52455**

*Pipeline Owner/Operator and Permian Basin Petroleum Association*

This courtesy notice is provided to notify you of the intent of Oncor Electric Delivery Company LLC (“Oncor”) to construct a new 345 kilovolt (“kV”) transmission line between the proposed Oncor Old Country Switch station and the proposed Oystercatcher Solar Substation, both located in Ellis County. The proposed Oncor Old Country Switch station will be located along the existing Oncor Venus Switch – Navarro Switch 345 kV transmission line approximately two miles to the west of Interstate Highway 35 East (I-35E) and approximately 0.3 miles to the east of Farm to Market Road (FM) 876. The Oystercatcher Solar Substation is located proximal to the intersection of Iola Lane and L R Campbell Road approximately 3.5 miles to the north-northwest of Italy, Texas. The Proposed Transmission Line Project will be approximately 5 miles to the northwest of downtown Italy, Texas. The proposed transmission line will be approximately 3.2 – 4.9 miles in length, depending on which route is selected by the Public Utility Commission of Texas (“PUC”). The estimated cost of this project is \$18,217,000 - \$21,520,000.

Persons with questions about the transmission line may contact Ife Adetoro of Oncor at (214) 486-4918.

A detailed routing map may be reviewed at the following location:

Display Location	Address
Public Works and Utilities Department	413 Clark St. Italy, TX 76651

**All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.**

Due to the COVID-19 pandemic, the preferred method for you to file your request for intervention is electronically, and you will be required to serve the request on all other parties by email. Therefore, please include your own email address on the intervention form. Instructions for electronic filing via the “PUC Filer” on the Commission’s website can be found here: <https://interchange.puc.texas.gov/filer>. Instructions for using the PUC Filer are available at [http://www.puc.texas.gov/industry/filings/New\\_PUC\\_Web\\_Filer\\_Presentation.pdf](http://www.puc.texas.gov/industry/filings/New_PUC_Web_Filer_Presentation.pdf). For assistance with your electronic filing, please contact the Commission’s Help Desk at (512) 936-7100 or [helpdesk@puc.texas.gov](mailto:helpdesk@puc.texas.gov). You can review materials filed in this docket on the PUC Interchange at: <http://interchange.puc.texas.gov/>.

While the preferred method is for you to submit your request for intervention electronically, if you are unable to do so, you may file your request for intervention by mailing a hard copy of your request to the PUC, and the request should be received by the intervention deadline date of **October 11, 2021**. If you are not filing your request for intervention electronically, mail the request for intervention and 10 copies of the request to:

**ATTACHMENT NO. 11**

Public Utility Commission of Texas  
Central Records  
Attn: Filing Clerk  
1701 N. Congress Avenue  
P. O. Box 13326  
Austin, Texas 78711-3326

Persons who wish to intervene in the docket must also email or mail a copy of their request for intervention to all parties in the docket and all persons that have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene because the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

The deadline for intervention in the docket is **October 11, 2021**, and the PUC should receive a letter from you requesting intervention by that date.

The PUC has a brochure titled "Landowners and Transmission Line Cases at the PUC." Copies of the brochure are available from Ife Adetoro of Oncor at (214) 486-4918 or may be downloaded from the PUC's website at [www.puc.state.tx.us](http://www.puc.state.tx.us). To obtain additional information about this docket, you may contact the PUC's Customer Assistance Hotline at (512) 936-7120 or (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2989. In addition to the intervention deadline, other important deadlines may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket.

Enclosures:

- Route Description and Map

## Composition of Routes

Route	Link Sequence
2	A - B - C - F - J - K - M - O - MM - OO
3	A - B - C - F - I - N - M - O - MM - OO
5	A - B - C - F - I - Q - FF - JJ - NN - OO
7	A - B - C - F - R - GG - HH - NN - OO
13	A - B - D - S - Z - DD - FF - JJ - NN - OO
14	A - B - D - S - Z - DD - FF - JJ - JP - PP - QQ - OO
17	A - B - D - S - Z - EE - JJ - NN - OO
18	A - B - D - S - Z - EE - JJ - JP - PP - QQ - OO
19	A - B - D - S - AA - BB - GG - HH - NN - OO
21	A - B - D - S - AA - BB - GG - II - WW - VV - PP - QQ - OO
22	A - B - D - S - AA - BB - GG - II - WW - UU - TT - QQ - OO
24	A - B - D - S - AA - CC - XX - WW - VV - PP - QQ - OO
25	A - B - D - S - AA - CC - XX - WW - UU - TT - QQ - OO
31	A - T - U - V - X - Y - Z - DD - FF - JJ - NN - OO
54	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - NN - OO
55	A - T - U1 - V1 - X1 - Y - Z - DD - FF - JJ - JP - PP - QQ - OO
57	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - NN - OO
58	A - T - U1 - V1 - X1 - Y - Z - EE - JJ - JP - PP - QQ - OO
59	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - NN - OO
60	A - T - U1 - V1 - X1 - Y - AA - BB - GG - HH - JP - PP - QQ - OO
61	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
62	A - T - U1 - V1 - X1 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
64	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
65	A - T - U1 - V1 - X1 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
69	A - T - U1 - V1 - X1 - Y - S - G - H - J - L - O - MM - OO
70	A - T - U1 - V1 - X1 - Y - S - G - H - J - K - M - O - MM - OO
71	A - T - U1 - V1 - X1 - Y - S - G - H - I - N - M - O - MM - OO
72	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - KK - P - M - O - MM - OO
73	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - NN - OO
74	A - T - U1 - V1 - X1 - Y - S - G - H - I - Q - FF - JJ - JP - PP - QQ - OO
100	A - T - U - V - W - X1 - Y - Z - DD - FF - JJ - NN - OO
130	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - VV - PP - QQ - OO
131	A - T - U1 - V1 - W2 - Y - AA - BB - GG - II - WW - UU - TT - QQ - OO
133	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - VV - PP - QQ - OO
134	A - T - U1 - V1 - W2 - Y - AA - CC - XX - WW - UU - TT - QQ - OO
139	A - T - U1 - V1 - W2 - Y - S - G - H - J - K - M - O - MM - OO
140	A - T - U1 - V1 - W2 - Y - S - G - H - I - N - M - O - MM - OO
144	A - T - EEE - EEE1 - CCC - XX - WW - VV - PP - QQ - OO
145	A - T - EEE - EEE1 - CCC - XX - WW - UU - TT - QQ - OO
147	A - T - EEE - EEE1 - CCC - YY - ZZ - RR - OO
149	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - RR - OO
150	A - T - EEE - EEE1 - GGG - ZZ1 - ZZ - SS - TT - QQ - OO
151	A - T - U1 - DDD - EEE1 - CCC - XX - WW - VV - PP - QQ - OO

## Alternative Route Link Descriptions

### Link A

From the proposed Oystercatcher Substation, **Link A** proceeds in a northerly direction for approximately 586 feet to the intersection of **Links A, B, and T**. **Link A** crosses Iola Lane.

### Link AA

From the intersection of **Links AA, S, Y and Z**, **Link AA** proceeds in an easterly direction for approximately 1,208 feet to an angle point. From this angle point, **Link AA** continues in a north-northeasterly direction for approximately 1,170 feet to an angle point. This segment of **Link AA** crosses Chambers Creek. From this angle point, **Link AA** proceeds in a northeasterly direction for approximately 909 feet to the intersection of **Links AA, BB, and CC**.

### Link B

From the intersection of **Links A, B, and T**, **Link B** proceeds in a northwesterly direction for approximately 1,806 feet to an angle point. From this angle point, **Link B** continues in a north-northwesterly direction for approximately 2,562 feet to the intersection of **Links B, C, and D**. This segment of **Link B** crosses an unnamed creek, Bell Branch (stream), and another unnamed creek.

### Link BB

From the intersection of **Links AA, BB, and CC**, **Link BB** proceeds in a northwesterly direction for approximately 1,410 feet to the intersection of **Links BB, GG, and R**.

### Link C

From the intersection of **Links B, C, and D**, **Link C** proceeds in a northwesterly direction for approximately 1,132 feet to an angle point. From this angle point, **Link C** continues in a north-northwesterly direction for approximately 673 feet to the intersection of **Links C and F**.

### Link CC

From the intersection of **Links AA, BB, and CC**, **Link CC** proceeds in a northeasterly direction for approximately 3,008 feet to the intersection of **Links CC, CCC, XX, and YY**.

### Link CCC

From the intersection of **Links CCC, EEE1, and GGG**, **Link CCC** proceeds in a northwesterly direction for approximately 3,900 feet to the intersection of **Links CC, CCC, XX, and YY**. **Link CCC** crosses an unnamed creek three times.

### Link D

From the intersection of **Links B, C, and D**, **Link D** proceeds in a northeasterly direction for approximately 2,753 feet to an angle point. From this angle point, **Link D** continues in an easterly direction for approximately 647 feet to the intersection of **Links D, G, and S**. This segment of **Link D** crosses Bell Branch (stream).

### Link DD

From the intersection of **Links DD, EE, and Z**, **Link DD** proceeds in a north-northeasterly direction, parallel to Farm to Market Road (FM) 876 for approximately 836 feet to the intersection of **Links DD, FF, and Q**. **Link DD** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link DDD

From the intersection of **Links DDD, U1, and V1**, **Link DDD** proceeds in an easterly direction for approximately 6,062 feet to the intersection of **Links DDD, EEE, and EEE1**. **Link DDD** crosses two unnamed creeks.

### Link EE

From the intersection of **Links DD, EE, and Z**, **Link EE** proceeds in a northeasterly direction for approximately 2,228 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to an angle point. From this angle point, **Link EE** continues in a northwesterly direction for approximately 997 feet to the intersection of **Links EE, FF, JJ, and KK**. This segment of **Link EE** crosses Anderson Road.

### Link EEE

From the intersection of **Links EEE, T, U, and U1**, **Link EEE** proceeds in an east-northeasterly direction for approximately 5,950 feet to an angle point. This segment of **Link EEE** crosses two unnamed creeks. From this angle point, **Link EEE** continues in a northeasterly direction for approximately 788 feet to the intersection of **Links DDD, EEE, and EEE1**.

### Link EEE1

From the intersection of **Links DDD, EEE, and EEE1**, **Link EEE1** proceeds in a northeasterly direction for approximately 3,340 feet to the intersection of **Links CCC, EEE1, and GGG**. **Link EEE1** crosses Chambers Creek.

### Link F

From the intersection of **Links C and F**, **Link F** proceeds in a northwesterly direction for approximately 1,429 feet to an angle point. This segment of **Link F** crosses Bell Branch Road and the existing Brazos Electric Cooperative 69 kV transmission line. From this angle point, **Link F** continues in a northeasterly direction for approximately 3,180 feet to the intersection of **Links F, H, I, J, and R**. This segment of **Link F** crosses Witten Road.

### Link FF

From the intersection of **Links DD, FF, and Q**, **Link FF** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,989 feet to the intersection of **Links EE, FF, JJ, and KK**.

### Link G

From the intersection of **Links D, G, and S**, **Link G** proceeds in a northwesterly direction for approximately 864 feet to the intersection of **Links G and H**. This segment of **Link G** crosses Bell Branch (stream) three times and Bell Branch Road.

### Link GG

From the intersection of **Links BB, GG, and R**, **Link GG** proceeds in a northeasterly direction for approximately 2,676 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links GG, HH, and II**.



## Alternative Route Link Descriptions

### Link GGG

From the intersection of **Links CCC, EEE1, and GGG**, **Link GGG** proceeds in a northeasterly direction for approximately 4,012 feet to the intersection of **Links GGG and ZZ1**.

### Link H

From the intersection of **Links G and H**, **Link H** proceeds in a northwesterly direction for approximately 1,526 feet to the intersection of **Links F, H, I, J, and R**. **Link H** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link HH

From the intersection of **Links GG, HH, and II**, **Link HH** proceeds in a northwesterly direction for approximately 1,164 feet to the intersection of **Links HH, JJ, JP, and NN**. **Link HH** crosses the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road.

### Link I

From the intersection of **Links F, H, I, J, and R**, **Link I** proceeds in a northeasterly direction for approximately 2,748 feet to the intersection of **Links I, N, and Q**. **Link I** crosses Chambers Creek.

### Link II

From the intersection of **Links GG, HH, and II**, **Link II** proceeds in a northeasterly direction for approximately 252 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links II, WW, and XX**.

### Link J

From the intersection of **Links F, H, I, J, and R**, **Link J** proceeds in a northwesterly direction for approximately 1,816 feet to the intersection of **Links J, K and L**.

### Link JJ

From the intersection of **Links EE, FF, JJ, and KK**, **Link JJ** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 1,072 feet to the intersection of **Links HH, JJ, JP, and NN**.

### Link JP

From the intersection of **Links HH, JJ, JP, and NN**, **Link JP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 252 feet to the intersection of **Links JP, PP, and VV**.

### Link K

From the intersection of **Links J, K, and L**, **Link K** proceeds in a northeasterly direction for approximately 4,838 feet to the intersection of **Links K, M, N, and P**. **Link K** crosses Chambers Creek, an unnamed creek, and Baker Branch (stream).

### Link KK

From the intersection of **Links EE, FF, JJ, and KK**, **Link KK** proceeds in a northwesterly direction for approximately 1,959 feet to the intersection of **Links KK and P**.

## Alternative Route Link Descriptions

### Link L

From the intersection of **Links J, K, and L**, **Link L** proceeds in a northwesterly direction for approximately 2,384 feet to an angle point. This segment of **Link L** crosses Chambers Creek. **Link L** continues in a northeasterly direction for approximately 6,207 feet to an angle point. This segment of **Link L** crosses an unnamed creek and Baker Branch (stream). From the angle point, **Link L** proceeds in a southeasterly direction for approximately 965 feet to the intersection of **Links L, M, and O**.

### Link M

From the intersection of **Links K, M, N, and P**, **Link M** proceeds in a northeasterly direction, parallel to FM 876, for approximately 2,187 feet to the intersection of **Links L, M, and O**.

### Link MM

From the intersection of **Links MM and O**, **Link MM** proceeds in a southeasterly direction for approximately 1,088 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link MM** crosses an unnamed creek.

### Link N

From the intersection of **Links I, N, and Q**, **Link N** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,839 feet to the intersection of **Links K, M, N, and P**.

### Link NN

From the intersection of **Links HH, JJ, JP, and NN**, **Link NN** proceeds in a northwesterly direction for approximately 1,818 feet to an angle point. From this angle point, **Link NN** continues in a northeasterly direction for approximately 1,214 feet to the intersection of **Links MM, NN, OO, QQ and RR**. This segment of **Link NN** crosses an unnamed creek.

### Link O

From the intersection of **Links L, M, and O**, **Link O** proceeds in a southeasterly direction for approximately 613 feet to the intersection of **Links MM and O**. **Link O** crosses FM 876.

### Link OO

From the intersection of **Links MM, NN, OO, QQ, and RR**, **Link OO** proceeds in a northeasterly direction for approximately 368 feet to the proposed Oncor Old Country Switch.

### Link P

From the intersection of **Links K, M, N, and P**, **Link P** proceeds in an east-southeasterly direction for approximately 605 feet to the intersection of **Links P and KK**. **Link P** crosses FM 876.

### Link PP

From the intersection of **Links JP, PP, and VV**, **Link PP** proceeds in a northeasterly direction, parallel to Anderson Road, for approximately 907 feet to the intersection of **Links PP, QQ, and TT**.

## Alternative Route Link Descriptions

### Link Q (Bi-directional link)

From the intersection of **Links I, N, and Q**, **Link Q** proceeds in an east-southeasterly direction for approximately 640 feet to the intersection of **Links DD, FF, and Q**. **Link Q** crosses FM 876.

### Link QQ

From the intersection of **Links PP, QQ, and TT**, **Link QQ** proceeds in a northwesterly direction for approximately 2,103 feet to the intersection of **Links MM, NN, OO, QQ, and RR**. **Link QQ** crosses an unnamed creek.

### Link R

From the intersection of **Links F, H, I, J, and R**, **Link R** proceeds in a northeasterly direction for approximately 199 feet to an angle point. From this angle point, **Link R** continues in an east-northeasterly direction for approximately 980 feet to a slight angle point. This segment of **Link R** crosses Chambers Creek. From the angle point, **Link R** continues in an east-northeasterly direction for approximately 1,006 feet to an angle point. From this angle point, **Link R** proceeds in an east-southeasterly direction for approximately 695 feet to an angle point. This segment of **Link R** crosses FM 876 and the existing Brazos Electric Cooperative 69 kV transmission line. From the angle point, **Link R** continues in a northeasterly direction for approximately 1,229 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line, to the intersection of **Links BB, GG, and R**.

### Link RR

From the intersection of **Links RR, SS, and ZZ**, **Link RR** proceeds in a northwesterly direction for approximately 1,219 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to an angle point. This segment of **Link RR** crosses Anderson Road and an unnamed creek. From the angle point, **Link RR** continues in a west-northwesterly direction for approximately 1,124 feet to an angle point. This segment of **Link RR** crosses an unnamed creek. From this angle point, **Link RR** proceeds in a northwesterly direction for approximately 1,006 feet to the intersection of **Links MM, NN, OO, QQ, and RR**.

### Link S (Bi-directional link)

From the intersection of **Links D, G, and S**, **Link S** proceeds in an easterly direction for approximately 592 feet to the intersection of **Links AA, S, Y, and Z**. **Link S** crosses FM 876.

### Link SS (Bi-directional link)

From the intersection of **Links SS, TT, and UU**, **Link SS** proceeds in a northeasterly direction for approximately 1,756 feet, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, to the intersection of **Links RR, SS, and ZZ**. **Link SS** crosses an unnamed creek.

### Link T

From the intersection of **Links A, B, and T**, **Link T** proceeds in an easterly direction for approximately 591 feet to the intersection of **Links EEE, T, U, and U1**. **Link T** crosses L R Campbell Road.

### Link TT

From the intersection of **Links SS, TT, and UU**, **Link TT** proceeds in a northwesterly direction for approximately 543 feet to the intersection of **Links PP, QQ, and TT**. **Link TT** crosses Anderson Road.

## Alternative Route Link Descriptions

### Link U

From the intersection of **Links EEE, T, U, and U1**, **Link U** proceeds in a north-northwesterly direction for approximately 1,092 feet to the intersection of **Links U and V**.

### Link U1

From the intersection of **Links EEE, T, U, and U1**, **Link U1** proceeds in a northerly direction for approximately 1,800 feet to the intersection of **Links DDD, U1, and V1**.

### Link UU

From the intersection of **Links UU, VV, and WW**, **Link UU** proceeds in a northeasterly direction, parallel to the existing Brazos Electric Cooperative 69 kV transmission line and Anderson Road, for approximately 917 feet to the intersection of **Links SS, TT, and UU**.

### Link V

From the intersection of **Links U and V**, **Link V** proceeds in a northwesterly direction for approximately 1,198 feet to the intersection of **Links V, W, and X**.

### Link V1

From the intersection of **Links DDD, U1, and V1**, **Link V1** proceeds in a northerly direction for approximately 933 feet to the intersection of **Links V1, W, W2, and X1**. **Link V1** crosses an unnamed creek.

### Link VV

From the intersection of **Links UU, VV, and WW**, **Link VV** proceeds in a northwesterly direction for approximately 577 feet to the intersection of **Links JP, PP, and VV**. **Link VV** crosses Anderson Road.

### Link W

From the intersection of **Links V, W, and X**, **Link W** proceeds in a northeasterly direction for approximately 1,189 feet to the intersection of **Links V1, W, W2, and X1**.

### Link W2

From the intersection of **Links V1, W, W2, and X1**, **Link W2** proceeds in a northeasterly direction for approximately 1,099 feet to an angle point. From this angle point, **Link W2** continues in a northwesterly direction for approximately 1,939 feet to the intersection of **Links X, X1, W2, and Y**.

### Link WW

From the intersection of **Links II, WW, and XX**, **Link WW** proceeds in a northwesterly direction for approximately 593 feet to the intersection of **Links UU, VV, and WW**. **Link WW** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link X

From the intersection of **Links V, W, and X**, **Link X** proceeds in a north-northeasterly direction for approximately 3,067 feet to the intersection of **Links X, X1, W2, and Y**.

## Alternative Route Link Descriptions

### Link X1

From the intersection of **Links V1, W, W2, and X1**, **Link X1** proceeds in a northerly direction for approximately 2,210 feet to the intersection of **Links X, X1, W2, and Y**.

### Link XX

From the intersection of **Links CC, CCC, XX, and YY**, **Link XX** proceeds in a northwesterly direction for approximately 1,365 feet to the intersection of **Links II, WW, and XX**.

### Link Y

From the intersection of **Links X, X1, W2, and Y**, **Link Y** proceeds in a northerly direction, parallel to FM 876, for approximately 860 feet to the intersection of **Links AA, S, Y, and Z**.

### Link YY

From the intersection of **Links CC, CCC, XX, and YY**, **Link YY** proceeds in a northeasterly direction for approximately 3,127 feet to the intersection of **Links YY, ZZ, and ZZ1**. **Link YY** crosses an unnamed creek.

### Link Z

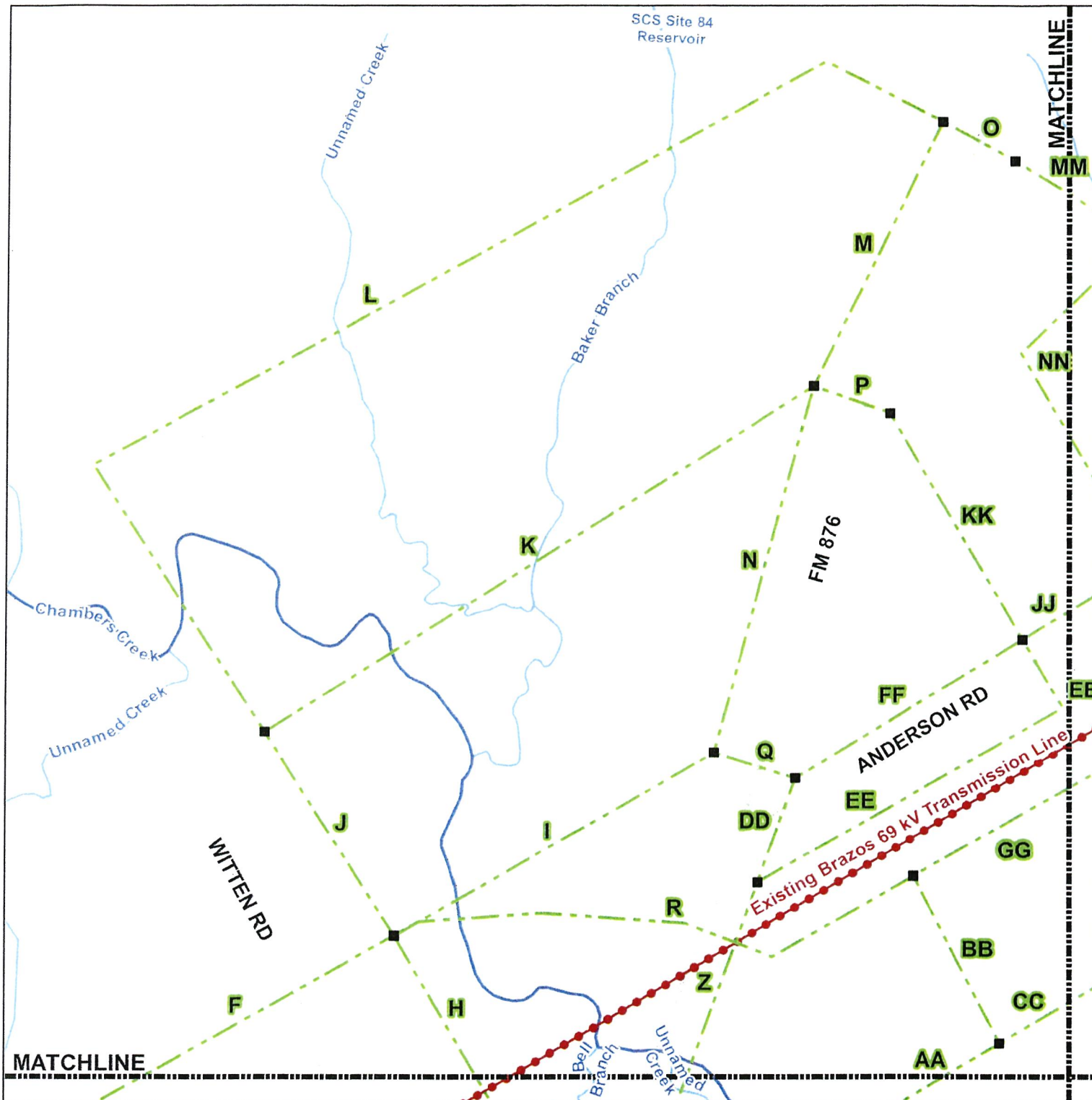
From the intersection of **Links AA, S, Y, and Z**, **Link Z** proceeds in a north-northeasterly direction, parallel to FM 876, for approximately 2,663 feet to the intersection of **Links DD, EE, and Z**. **Link Z** crosses an unnamed creek, Chambers Creek, and the existing Brazos Electric Cooperative 69 kV transmission line.

### Link ZZ

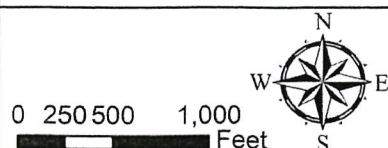
From the intersection of **Links YY, ZZ, and ZZ1**, **Link ZZ** proceeds in a northwesterly direction for approximately 2,033 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links RR, SS, and ZZ**. **Link ZZ** crosses the existing Brazos Electric Cooperative 69 kV transmission line.

### Link ZZ1

From the intersection of **Links GGG and ZZ1**, **Link ZZ1** proceeds in a northwesterly direction for approximately 4,048 feet, parallel to the existing Oncor Electric Delivery Company 345 kV transmission line, to the intersection of **Links YY, ZZ, and ZZ1**.



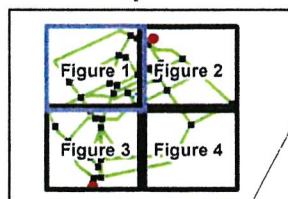
**FIGURE 1. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

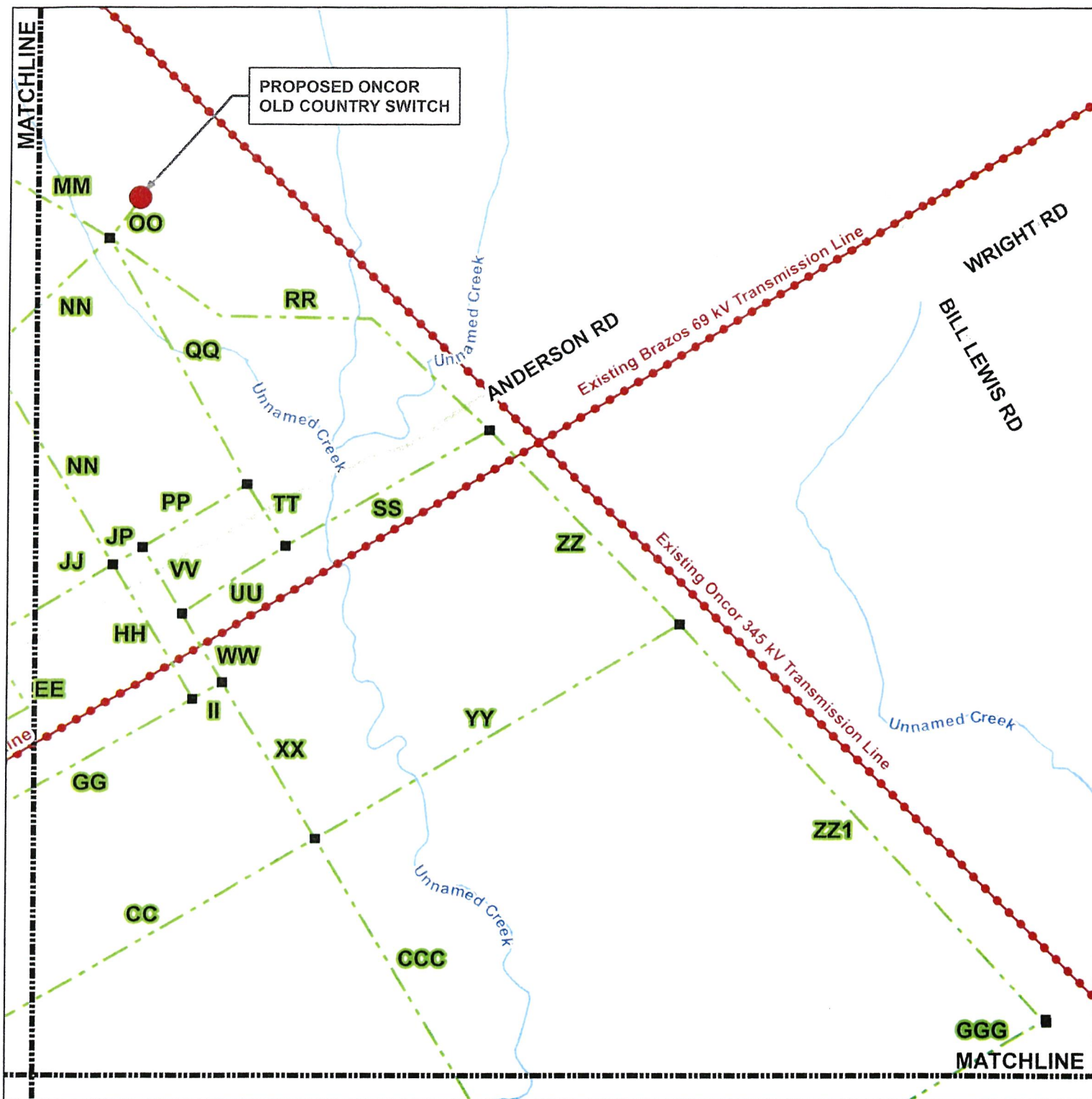
- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- Open Water/Waterbodies
- Major and Minor Roads

#### Extent Map

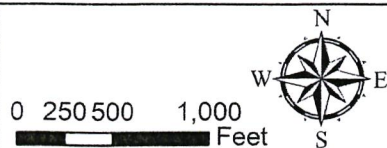


#### Vicinity Map





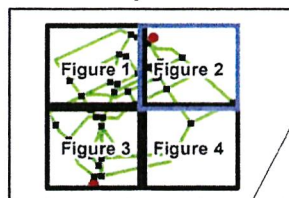
**FIGURE 2. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- ~ Open Water/Waterbodies
- Major and Minor Roads

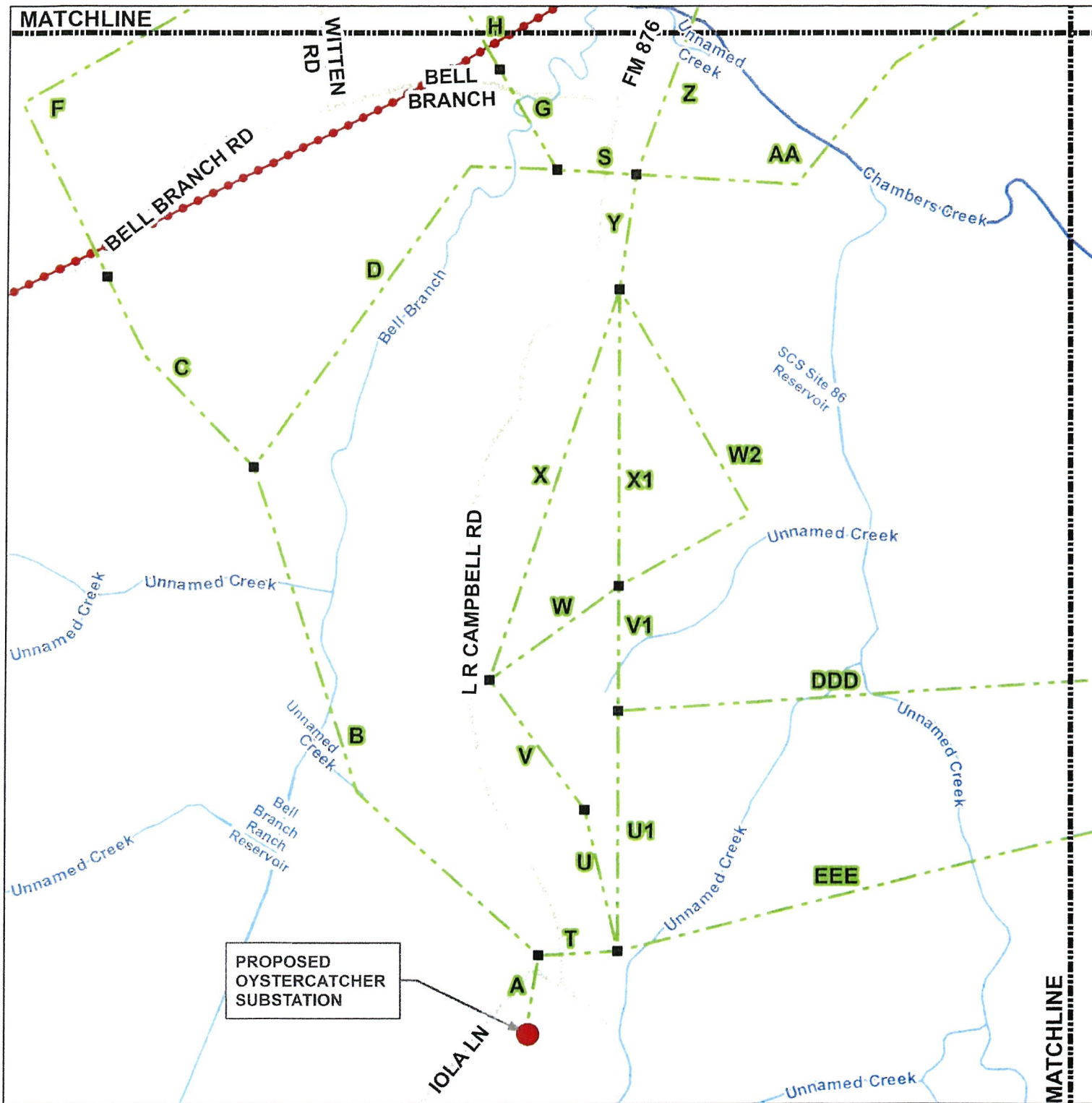
#### Extent Map



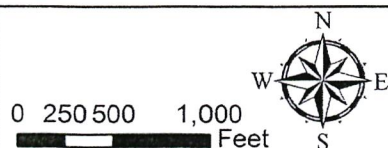
#### Vicinity Map







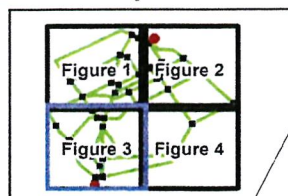
**FIGURE 3. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



Note:  
 Data is for display purposes only. All  
 features and boundaries have been  
 approximated from public resources.

- Project Endpoints
- Route Link Nodes
- Proposed Alternative Route Links
- Existing Transmission Lines
- ~ Rivers and Streams
- ~ Open Water/Waterbodies
- Major and Minor Roads

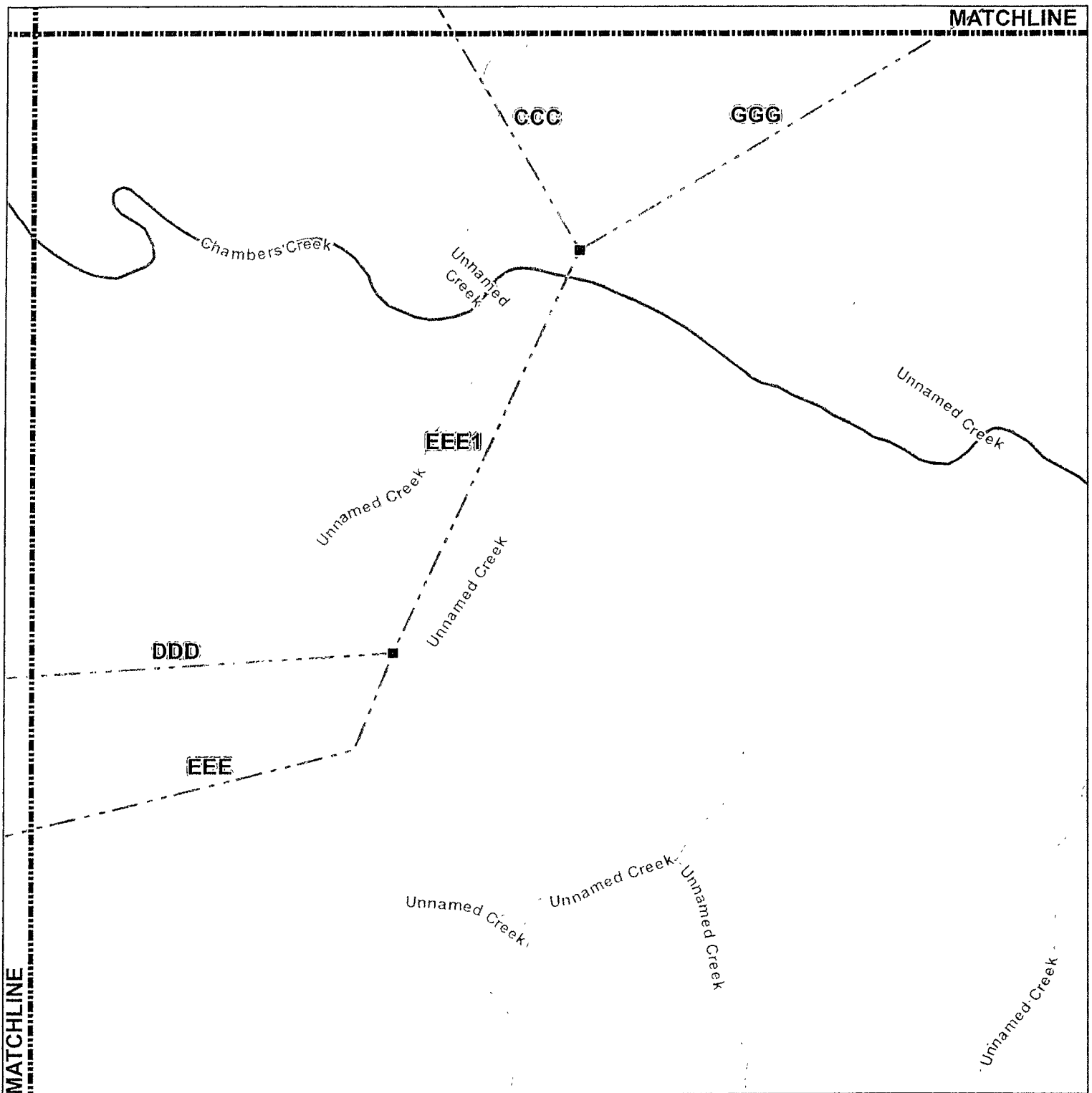
#### Extent Map



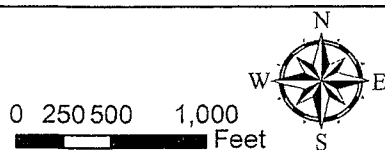
#### Vicinity Map







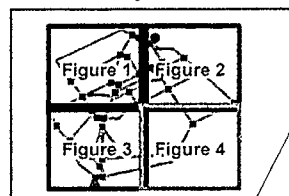
**FIGURE 4. DETAILED ROUTE DESCRIPTION MAP**  
**OLD COUNTRY SWITCH 345 kV TAP TRANSMISSION LINE PROJECT**



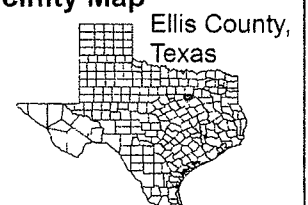
Note  
 Data is for display purposes only. All features and boundaries have been approximated from public resources.

- Project Endpoints
- Route Link Nodes
- - - Proposed Alternative Route Links
- - - Existing Transmission Lines
- - - Rivers and Streams
- - - Open Water/Waterbodies
- - - Major and Minor Roads

#### Extent Map



#### Vicinity Map





Ife Adetoro  
Regulatory Project Manager

August 26, 2021

Mr. John Silovsky – Director of Wildlife  
Texas Parks and Wildlife Department  
4200 Smith School Road  
Austin, Texas 78744

**Re: PUC Docket No. 52455, *Application of Oncor Electric Delivery Company LLC to Amend Its Certificate of Convenience and Necessity for the Old Country Switch 345-kV Tap Transmission Line Project in Ellis County, Texas***

Dear Mr. Silovsky:

Pursuant to the rules of the Public Utility Commission of Texas ("Commission"), please find enclosed a copy of the Environmental Assessment and Routing Study ("EA") attached to the application of Oncor Electric Delivery Company LLC ("Oncor") requesting certification for the above-referenced Old Country Switch 345 kilovolt ("kV") tap transmission line project ("Proposed Transmission Line Project"), filed at the Commission on August 26, 2021, in Commission Docket No. 52455.

This docket concerns Oncor's request for approval to construct and operate a new 345 kV transmission line between the proposed Oncor Old Country Switch station and the proposed Oystercatcher Solar Substation, both located in Ellis County. The proposed Oncor Old Country Switch station will be located along the existing Oncor Venus Switch – Navarro Switch 345 kV transmission line approximately two miles west of Interstate Highway 35 East (I-35E) and approximately 0.3 miles to the east of Farm to Market Road (FM) 876. The proposed Oystercatcher Solar Substation will be located proximal to the intersection of Iola Lane and L R Campbell Road, approximately 3.5 miles to the north-northwest of Italy, Texas. The Proposed Transmission Line Project will be approximately 5 miles northwest of downtown Italy, Texas. The proposed transmission line will be approximately 3.2 – 4.9 miles in length, depending upon the route approved by the Commission. The EA provides a detailed description of the data gathered and analyzed by Freese and Nichols, Inc., the environmental/routing consultant retained by Oncor for the Proposed Transmission Line Project.

Oncor respectfully requests to be copied on any correspondence that TPWD might send to the Commission regarding this project. Please contact me if you have any questions regarding this transmittal or the Proposed Transmission Line Project.

Sincerely,

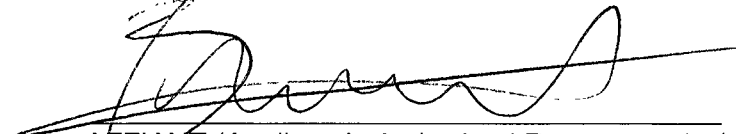
Ife Adetoro  
cc w/o attachments:  
Albert Esser, Public Utility Commission  
Jaren Taylor, Vinson & Elkins

**ATTACHMENT NO. 12**

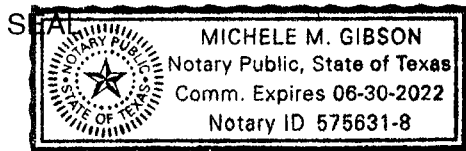
**OATH**


STATE OF TEXAS       §  
                                  §  
COUNTY OF DALLAS   §

I, Ife Adetoro, being duly sworn, file this application as Regulatory Manager, Oncor Electric Delivery Company LLC, and state that, in such capacity, I am qualified and authorized to file and verify such application on behalf of Applicant, am personally familiar with the maps and exhibits filed with this application, and have complied with all the requirements contained in the application; and, that all statements made and matters set forth therein and all exhibits attached thereto are true and correct. I further state that the application is made in good faith and that this application does not duplicate any filing presently before the Commission.

  
AFFIANT (Applicant's Authorized Representative)

SUBSCRIBED AND SWORN TO BEFORE ME, a Notary Public in and for the State of Texas, this 26 day of August, 2021.



  
Notary Public  
My Commission expires: 06-30-2022