



Control Number: 37448



Item Number: 287

Addendum StartPage: 0

**SOAH DOCKET NO. 473-10-1097  
PUC DOCKET NO. 37448**

<b>APPLICATION OF LCRA</b>	<b>§</b>	
<b>TRANSMISSION SERVICES</b>	<b>§</b>	<b>BEFORE THE STATE OFFICE</b>
<b>CORPORATION TO AMEND ITS</b>	<b>§</b>	
<b>CERTIFICATE OF CONVENIENCE</b>	<b>§</b>	
<b>AND NECESSITY FOR THE</b>	<b>§</b>	
<b>GILLESPIE TO NEWTON 345-KV</b>	<b>§</b>	<b>OF</b>
<b>CREZ TRANSMISSION LINE IN</b>	<b>§</b>	
<b>GILLESPIE, LLANO, SAN SABA,</b>	<b>§</b>	
<b>BURNET, AND LAMPASAS</b>	<b>§</b>	
<b>COUNTIES, TEXAS</b>	<b>§</b>	<b>ADMINISTRATIVE HEARINGS</b>

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**FIRST SET OF REQUESTS FOR INFORMATION FROM**  
**KANE-GLENSPRINGS RANCH, LTD. TO**  
**CERTAIN INTERVENORS**

**KANE-GLENSPRINGS RANCH, LTD.** submits this request for information to the following Intervenor in this docket: Shanna Adams, Garrett Martial Trust William R. Hinckley, Karl A. and Mary B. Ransleben, Ruben A. and Connie S. Crenweldge, Charles and Becky Anderson, Point Peak Mountain Resort, LLC; Barbara R. Barron, Allen Paksima, H.V. Campbell, III, Robert C. & Staria D. Carroll; John A. Colvin and Susan B. Colvin, Jonathan Schoolar and Marika Schoolar, Thomas-Daveport Partnership, Ltd., Thomas A. Dozier and Marcia L. Dozier, Joseph J. Grisafi, Jr., Marion F. Kerby, III, Anna Lois Landers and Willis Richard Landers, Charles D. Lawson and Lynette J. Lawson, Six Pears, LLC, Mark Leo Rathman, Barnes Keith Ranch, Jan Yates Boatinghouse Mack Yates Estate, Margie Ann Yates Estate, Jan Yates Boultinghouse, individually and Kenneth R. Boultinghouse, Tom Payne, Leslie M. "Pepper" Procter, Richard Procter Estate of Norman Procter, Peter Scholl, Erin Howard Mitchell, Terry Spicer, Alan & Diana Fisch, Ann Johnson, Albert Solomon, Marianne Parker, Ferdinand Hoepner, Hubert and Lorene Wilde, Letty Simon, Robert Thompson, Richard and Michele Thompson, David and Sally Thompson (Living Trust), Curt Rhodes, Mark Sutton, John Harris, Joan Harris, Byrl W. Hardy, Alta Vista Ranch, Ltd., Lindsey Harris Swenson, Susan Jenkins, Lee Williams Ranch, LLC, Jean D. Renfro, Dudley Wenbel, R.G. Mueller, Troy Wappler, Bill and Anita Wappler, Patricia Harper, Olney Wallis, David Friedberg, KDCB Garrett Ranch, LH, Charles and Deborah Slangal, Enchanted View Ranch, LP, Randolph George Mueller, Peggy Jean Mueller, Chanas Ranch, LP, Mike Atkinson, James Muncey, Robby Vann, Jack Linder, Virginia Terrill, Julie Clark, Thomas-Davenport Partnership, LTD, James Dudley Morse, Shirley Smith, Clara Nielsen and Julia Crenwelge, Charles and Patricia Kreuz, the Charles Paton Kreuz Trust, Mrs. Anne Lischen Kerr, and Mr. James Roderick Kreuz, Dudley Wenzel, Margaret Wilkinson, Hank and Linda Weghorst, CJ Ranch, L.L.C. Mountain Place, Inc., Chris Jordan, Paul M. Terrill, Jr. & Gracie Terrill, Yancy Creek Ranch, Jan Rates Boultinghouse, Susan and David Nance, Gerald & Sharon Rosenauer, Rylander Prairie Mountain Ranch Partnership, Ltd., Grady Rylander, Trustee Margaret Rylander, Trustee, Railroad Commission of Texas, Bob Koehler, O'Ryan Ranches, Limited, Thomas Slagle and Kristi Slagle, Ashley Smith and Peggy Smith, Yancey Creek Ranch, L.P., City of Garland, Malcolm Long, David Willis, Tommy Joe Yates, and Kenneth

Smith. Kane-Glensprings Ranch, Ltd. also requests that all parties who are represented by the groups Starr GM Endeavors, LP and Landowners Preservation Group who are not otherwise listed in this also respond to this request for information.

Pursuant to §22.144 of the Commission's Procedural Rules, Kane-Glensprings Ranch, Ltd. requests the Intervenor named above to provide responses to the following question(s) under oath. The response is requested within 10 days as specified in Order No. 1 of this docket.

Pursuant to P.U.C. PROC. R. §22.144(c), each response must identify the name of the witness who will sponsor the answer and guarantee the truth of the answer. In addition, each request must be answered separately and be preceded with the appropriate question.

Pursuant to P.U.C. PROC. R. §22.144(i), the above named Intervenor is under a duty to supplement any response that, in light of newly discovered information, modifies or makes incomplete an answer already supplied to Kane-Glensprings Ranch, Ltd. within five days of the discovery of the new information.

The answers must have sufficient detail to fully present all the relevant facts. Kane-Glensprings Ranch, Ltd. requests that the above named Intervenor provide the answers in the order in which they are listed in this request for information. If responses to all the requests cannot be provided quickly, Kane-Glensprings Ranch, Ltd. requests that each item of information be provided as it is available or completed.

Provide an original and four copies of your answers to the questions to the Filing Clerk, Public Utility Commission of Texas, 1701 N. Congress Avenue, P.O. Box 13326, Austin, Texas 78711-3326. Provide one copy of your answers to Kane-Glensprings Ranch, Ltd.

**DATE: December 11, 2009**

Respectfully submitted,

WILLATT & FLICKINGER

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By: Mike Willatt

Mike Willatt

State Bar No. 21505000

Bill Flickinger

State Bar No. 07149050

ATTORNEYS FOR KANE-GLENSPRINGS RANCH, LTD.

CERTIFICATE OF SERVICE

I certify that five (5) copies of this document will be filed with the Public Utility Commission following which a copy will be served on all of the Intervenor by e-mail on those Intervenor which have e-mail, by facsimile on those Intervenor that have facsimile but not e-mail, and by Certified Mail, Return Receipt Requested on this 11<sup>th</sup> day of December, 2009.

By: Mike Willatt  
Mike Willatt

**SOAH DOCKET NO. 473-10-1097**  
**PUC DOCKET NO. 37448**

**KANE-GLENSPRINGS RANCH, LTD.**  
**FIRST SET OF REQUESTS FOR INFORMATION**  
**TO CERTAIN INTERVENORS**

**DEFINITIONS AND INSTRUCTIONS**

1. "Intervenor" or "you" refers to the Intervenor and any person acting or purporting to act on their behalf, including without limitation, attorneys, agents, advisors, investigators, representatives, employees or other persons.
2. The term "document" or "documents" are used in their broadest sense to include, but not be limited to, all written or graphic matter of every kind and description whether printed, produced or reproduced, by any process whether visually, magnetically, mechanically, electronically, or by hand, whether final or draft, original or reproduction, whether privileged or otherwise excludable from discovery, and whether or not in your actual or constructive possession, custody or control. These shall also be construed to include every copy of a document where the copy contains any commentary or notation of any kinds that does not appear on the original or any other copy.
3. Words used in the plural shall also be taken to mean and include the singular. Words used in the singular shall also be taken to mean and include the plural.
4. The present tense shall be construed to include the past tense, and the past tense shall be construed to include the present tense.
5. "Each" shall be construed to include the word "every" and "every" shall be construed to include the word "each."
6. The term "including" means "including but not limited to."
7. If any document is withheld under any claim of privilege, please furnish a list identifying each document for which a privilege is claimed, together with the following information: date, sender, recipients or copies, subject matter of the document, and the basis upon which such privilege is claimed.
8. Pursuant to P.U.C. PROC. R. 22.144(g)(4), if the response to any request is voluminous, please provide a detailed index of the voluminous material.
9. If the information requested is included in previously furnished exhibits, work papers, response to other discovery inquiries or otherwise, in hard copy or electronic format, please furnish specific references thereto, including Bates Stamp page citations and detailed cross-references.

**SOAH DOCKET NO. 473-10-1097**  
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**FIRST SET OF REQUESTS FOR INFORMATION FROM  
KANE-GLENSPRINGS RANCH, LTD. TO CERTAIN INTERVENORS**

- 1-1 Attached is a copy of the document provided by the LCRA showing the eleven (11) alternate routes for the proposed transmission line. Please identify the alternate route, or routes, that you prefer.
- 1-2 The attached document shows Link C-1 through Link C-31A. Please state which of these links traverse your property.

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12/11/09

Description of Proposed Transmission Line Alternate Routes and Link Descriptions for  
the Gillespie to Newton CREZ 345-kV Transmission Line in Gillespie, Llano, San Saba,  
Burnet, and Lampasas Counties, Texas  
PUC Docket No. 37448

**Preferred Route**

GN11 = C1 - C3 - C5 - C9 - C11 - C12 - C13 - C16 - C22 - C26 - C27 - C28 - C30

**Alternate Routes (not listed in any order of priority)**

GN1 = C1 - C2 - C7 - C12 - C13 - C15 - C20 - C23 - C31 - C31a

GN2 = C1 - C2 - C7 - C12 - C13 - C16 - C22 - C25 - C31 - C31a

GN3 = C1 - C2 - C7 - C12 - C13 - C16 - C22 - C26 - C27 - C29 - C31a

GN4 = C1 - C3 - C4 - C8 - C11 - C12 - C13 - C16 - C22 - C25 - C31 - C31a

GN5 = C1 - C3 - C5 - C9 - C11 - C12 - C13 - C16 - C22 - C25 - C31 - C31a

GN6 = C1 - C3 - C5 - C9 - C11 - C12 - C14 - C17 - C18 - C27 - C29 - C31a

GN7 = C1 - C3 - C5 - C10 - C17 - C18 - C27 - C29 - C31a

GN8 = C1 - C3 - C5 - C10 - C17 - C19 - C30

GN9 = C1 - C3 - C5 - C9 - C11 - C12 - C13 - C15 - C20 - C24 - C25 - C31 - C31a

GN10 = C1 - C3 - C5 - C9 - C11 - C12 - C13 - C15 - C20 - C24 - C26 - C27 - C28 -  
C30

**Link Descriptions**

**Link C1**

Link C1 exits the east side of the Gillespie Station, east of US 87 and turns immediately to the north, where it runs parallel and adjacent to the east side of a transmission line corridor that includes an existing LCRA TSC T-214 transmission line and an AEP transmission line. Link C1 continues for approximately 0.3 miles where it terminates at its intersection with links C2 and C3.

**Link C2**

Link C2 begins at its intersection with link C1 and C3 and continues northward along the east side of US 87, and parallel and adjacent to the east side of the existing AEP and LCRA TSC T-214 transmission line corridor for another 1.4 miles. Link C2 then turns to the north-northeast and continues cross-country for approximately 3.9 miles crossing Meier Road and then Adj Lane. The link turns further to the northeast for about 0.8 miles, and then turns back to its previous heading for another 4.0 miles, crossing Gypsum Mine Road, Crabapple Creek, and then Schneider-Moellering Road. It then makes several shallow angles, still heading



generally to the north-northeast for another 2.9 miles, crossing Keese Road, and ending at a point on the north side of the Longhorn pipeline ROW where it intersects Link C7.

#### **Link C3**

Link C3 begins at its intersection with links C1 and C2, approximately 0.3 miles north of the Gillespie Station and on the east side of US 87. The link heads to the east-northeast for about 1.2 miles, where it intersects an existing LCRA TSC transmission line corridor that includes transmission lines T-130 (69 kV) on wooden H-frame structures, and T-192/T-448 (138 kV) on the same steel lattice structures. From this point, the link will be located within the T-130 ROW (replacing this section of T-130) and parallel and adjacent to the north side of the T-192/T-448, and then turns to the northeast for approximately 2.3 miles within which distance it crosses the Atmos natural gas pipeline and Palo Alto Creek. Link C3 terminates at its intersection with links C4 and C5 on the west side of Ranch-to-Market Rd (RM) 965.

#### **Link C4**

Link C4 originates at its intersection with links C3 and C5, on the west side of RM 965. The link proceeds to the north parallel and adjacent to the west side of RM 965 for approximately 1.5 miles crossing Achtzehn Road, the Atmos pipeline, and then FM 965. The link will be parallel and adjacent to the west side of the Atmos pipeline for about 5.1 miles at which point it crosses to the east side of the pipeline. The link continues for about 1.2 miles where it crosses Lower Crabapple Road and Crabapple Creek, and then returns to the west side of the pipeline ROW. From this point the link is located parallel and adjacent to the west side of the pipeline ROW for another 1.6 miles. Link C4 terminates where it crosses the Longhorn Pipeline.

#### **Link C5**

Link C5 begins at its intersection with links C3 and C4 on the west side of RM 965. Link C5 will be located in the existing LCRA TSC corridor, which includes T-130 (wooden H-frames) and T-192/T-448 (steel lattice structures). Link C5 will be located within the existing LCRA TSC T-130 transmission line ROW for approximately 14.1 miles, on the west side of T-192/T-448. From its beginning, Link C5 continues to the northeast, crossing Palo Alto Creek immediately east of the FM 965 crossing. Along this stretch the link crosses Lower Crabapple Road, Eckert Road, County Road (CR) 222, and then State Highway (SH) 16. After crossing SH 16, it

continues for about 3.1 miles where it crosses Willow City Loop, and continues another 0.4 miles where it terminates at a point where the T-192/T-448 steel lattice transmission line veers to the east, approximately 0.4 miles east of SH 16.

#### **Link C7**

Link C7 begins at its intersection with Link C2 on the north side of the Longhorn pipeline ROW. This link continues in a northerly direction for about 0.9 miles where it crosses Keese Road, then continues parallel and adjacent to Keese Road for 0.1 miles and crosses into Llano County. Link C7 continues in a northerly direction paralleling the west side of CR 111 for approximately 0.5 miles where it then veers to the northeast crossing over CR 111. Link C7 continues to the northeast for 3.9 miles where it crosses North Helms Creek, then continues another 2.1 miles where it turns further to the northeast for 0.6 miles where it crosses Silvermine Creek and CR 113A, and then turns back to its previous northeasterly heading. Link C7 continues for 1.5 miles where it crosses Cottonwood Creek and then continues for 0.9 miles where it crosses Goldmine Creek. Link C7 continues in a northeasterly direction for 1.0 miles where it crosses CR 114, then proceeds 2.6 miles where it crosses the Atmos pipeline, and then crosses SH 16 in 1.3 miles. After crossing SH 16, Link C7 continues in a northeasterly direction for 1.9 miles where it crosses CR 314, and then terminates in 2.2 miles where it crosses CR 312 and intersects links C11 and C12.

#### **Link C8**

Link C8 begins at its intersection with Link C4 at the Longhorn Pipeline crossing. Link C8 continues parallel and adjacent to the west side of the Atmos pipeline in a northerly direction. It continues for approximately 2.6 miles where it crosses into Llano County, and then continues another 0.6 miles where it crosses RM 965. From this point, Link C8 crosses the pipeline, turns to the northeast, and continues parallel and adjacent to the north side of RM 965 for about 0.7 miles. Link C8 then continues to the northeast for approximately 9.8 miles, crossing Goldmine Creek, SH 16 and CR 315, about 0.8 miles east of its intersection with SH 16. The link terminates where it intersects Link C9 in the existing LCRA TSC T-130 transmission line ROW and Link C11.

#### **Link C9**

Link C9 begins at its intersection with links C5 and C10 at a point 0.4 miles east of SH 16. This link continues to the northeast within the existing LCRA TSC T-130 transmission line ROW (replacing this section of T-130) for about 0.6 miles, then turns to the north just before it crosses into Llano County, continuing within the existing T-130 ROW. The link gradually turns to a more northerly direction for 5.5 miles. Within this 5.5-mile distance Link C9 crosses CR 316, Sandy Creek, and then CR 315. The link continues to the north for another 3.7 miles where it terminates at its intersection with links C8 and C11.

#### **Link C10**

Link C10 starts at its intersection with links C5 and C9 where the existing LCRA TSC T-192/T-448 transmission line veers to the east, approximately 0.4 miles east of SH 16, near Willow City Loop. This link heads to the east, parallel and adjacent to the south side of the T-192/T-448 transmission line. The link continues on this same heading for 4.6 miles, where it turns to the northeast and crosses the T-192/T-448 transmission line ROW. Immediately after Link C10 crosses the T-192/T-448 ROW, it enters Llano County and continues for another 3.3 miles where it crosses Sandy Creek. The link continues in a northeasterly direction for another 2.5 miles. At CR 315 it bends slightly further to the northeast for about 2.3 miles before turning to the north where it is located parallel and adjacent to the east side of CR 308 for 1.7 miles. Link C10 then turns back to the northeast for about 1 mile where it crosses the existing LCRA TSC T-515 transmission line. It then continues another 0.3 miles to a point on the south side of SH 71 where it turns further to the northeast for about 0.5 miles, then turns back to the previous heading for approximately 2.8 miles where it crosses CR 307. After crossing CR 307, Link C10 continues to the northeast for 1 mile, then angles slightly more to the northeast. Within the next 2.2 miles, it crosses the Llano River, the Austin and Northwestern Railroad, and then crosses Ranch Road (RR) 1431. After crossing RR 1431 the link continues to the northeast for another 0.4 miles, where it first turns to the north, then back to the northeast, parallel and adjacent to the west side of the existing LCRA TSC T-291 transmission line, for approximately 2 miles. The link terminates where it intersects links C14 and C17 approximately 1.0 mile east of the RR 1431 and SH 29 intersection.

#### **Link C11**

Link C11 starts at its intersection with links C8 and C9. It is located within the existing LCRA TSC T-130 transmission line ROW (replacing this

section of T-130). From its starting point, Link C11 heads to the north-northeast for approximately 4.6 miles. The link terminates at its intersection with links C7 and C12 at on the north side of CR 312, approximately 3 miles southeast of the CR 312 intersection with SH 16.

#### **Link C12**

Link C12 begins where links C7 and C11 intersect at a point on the north side of CR 312, approximately 3 miles southeast of the CR 312 intersection with SH 16. Link C12 heads in a northeasterly direction within the existing LCRA TSC T-130 transmission line ROW (replacing this section of T-130) for approximately 2.1 miles, where it crosses the existing LCRA TSC T-515 transmission line and then SH 71. From SH 71, the link continues to the northeast for about 1.6 miles to CR 304. After another 0.2 miles along the existing T-130 ROW, Link C12 terminates at a point where it crosses the existing LCRA TSC T-267 69-kV transmission line ROW and intersects links C13 and C14 about 3 miles east of Llano.

#### **Link C13**

Link C13 begins at the intersection of links C12 and C14, approximately 0.2 miles north of CR 304, about 3 miles east of Llano. The link then heads cross-country to the north-northeast for about 3.1 miles, to a point roughly 0.2 miles south of the Llano River. From here, Link C13 turns to the north for 0.4 miles, crossing the Llano River and SH 29. The link terminates where it intersects links C15 and C16 on the north side of SH 29, approximately 0.9 miles west of CR 202.

#### **Link C14**

Link C14 begins at its intersection with links C12 and C13 where these two links cross the existing LCRA TSC T-267 transmission line, about 3 miles east of Llano. Link C14 will be located within the existing LCRA TSC T-267 transmission line ROW. If Link C14 is used in the approved route for this project, the existing T-267 structures would be removed and the T-267 conductor would be placed on the new 345-kV Gillespie to Newton structures. From its starting point, Link C14 runs to the southeast for 0.3 miles, then angles due east, continuing for approximately 3.2 miles to the Llano River. After crossing the Llano River along the existing T-267 ROW, the link continues east for another 2.5 miles where it crosses the Austin and Northwestern Railroad and then SH 29. Continuing eastward, Link C14 parallels the north side of SH 29 for approximately 2.7 miles where it crosses RR 1431. In another 0.9 miles the link crosses SH 29 and,

terminates where it intersects links C10 and C17, approximately 1 mile east of the RR 1431 and SH 29 intersection.

**Link C15**

Link C15 begins where it intersects links C13 and C16 on the north side of SH 29, about 0.9 miles west of CR 202. From here the link heads to the north-northwest for 1.7 miles, angles slightly more to the north for 0.2 miles, where it crosses RM 2241. The link continues northward for about 1.5 miles, angles to the northwest for 0.8 miles, and then turns back to a northerly heading. From this point, Link C15 runs 0.2 miles where it is located parallel and adjacent to the east side of the Atmos pipeline ROW for 1.8 miles crossing CR 216 and the Little Llano River. It then resumes its northerly heading along the east side of the pipeline ROW for approximately 2.3 miles before it angles to the northeast for about 2.6 miles where it crosses into San Saba County. From the San Saba County line crossing, the link then continues cross-country to the northeast for approximately 2.9 miles where it crosses CR 237 and continues another 2.4 miles to its termination on the north side of the Seminole natural gas pipeline.

**Link C16**

Link C16 begins where it intersects links C13 and C15 on the north side of SH 29, approximately 0.9 miles west of CR 202. The link heads generally to the northeast for 1.1 miles where it crosses the Little Llano River and then proceeds 0.9 miles and crosses CR 202. The link continues for about 1.3 miles and crosses RM 2241. The link extends for another 1.7 miles, turns slightly to the north for about 0.5 miles, then returns to its northeastern heading for approximately 6.8 miles, as it crosses into San Saba County. The link then turns to the northeast, travels another 2.2 miles, and terminates at a point on the north side of the Seminole natural gas pipeline, about 1 mile west of the Colorado River.

**Link C17**

Link C17 begins at the intersection of links C10 and C14, approximately 1.0 mile east of the RR 1431 and SH 29 intersection. Link C17 will be located within the existing LCRA TSC T-106 69-kV transmission line ROW for approximately 2.3 miles. Approximately 1.8 miles east of its starting point, Link C17 angles to the east-northeast for 0.5 miles to the south side of SH 29, about 1.1 miles west of the SH 29 bridge over Inks Lake. At this point, Link C17 leaves the existing T-106 transmission line ROW and turns more to the northeast for 0.2 miles, crosses SH 29, and goes another 0.1 mile

before angling back to the previous northeastern heading for 0.2 miles. From here, Link C17 turns a sharp angle back to the north for about 0.4 miles, and crosses the Colorado River into Burnet County and the existing LCRA TSC T-108 transmission line just downstream of Buchanan Dam. The link then turns to the northeast for 0.7 miles and crosses RM 690 approximately 1.2 miles northwest of its intersection with SH 29. After crossing RM 690, the link continues for 0.3 miles, then turns further to the northeast where it is parallel and adjacent to the east side of the existing LCRA TSC T-109 transmission line. Link C17 continues to parallel the existing T-109 ROW for approximately 2.4 miles and terminates at its intersection with links C18 and C-19.

#### **Link C18**

Link C18 begins at its intersection with links C17 and C-19 and continues parallel and adjacent to the east side of the existing LCRA TSC T-109 transmission line ROW. The link parallels the existing ROW to the northeast for about 2 miles, and angles more to the northeast for 0.8 miles, away from the T-109 ROW, where it crosses RM 2341. Link C18 then returns to its previous northeastern heading for about 0.6 miles and crosses CR 110. The link continues another 1.2 miles in a general northeasterly direction where it resumes paralleling the east side of the T-109 transmission line ROW. From this point the line continues for 3.9 miles where it crosses the Seminole pipeline, and then proceeds another 2.4 miles crossing CR 108, continues another 2.5 miles to the northeast where it crosses CR 103, and continues 3.3 miles along the T-109 transmission line ROW where it intersects links C26 and C27 approximately 2.2 miles south of FM 1478.

#### **Link C19**

Link C19 begins at the intersection of links C17 and C18, east of Lake Buchanan. The link heads cross-country in a generally northeastern direction for about 2.4 miles, where it crosses RM 2341. The link continues on this same heading for approximately 4.9 miles, crossing CR 113 and CR 110 and the Seminole pipeline. Link C19 continues for another 1.7 miles where it crosses CR 108 and continues another 1.6 miles where it crosses US 281. From US 281 the link continues for 2.1 miles, crossing CR 205 and then another 0.5 miles where it crosses LCRA TSC's T-219 transmission line. The link continues in a northeastern heading for about 3.1 miles. At this point, approximately 0.7 miles north of CR 206, it angles slightly more to the northeast for 0.4 miles and then resumes its previous heading. From this point, the link proceeds 4.4 miles, crossing CR 207. After crossing CR 207,

Link C19 continues to the northeast for about 2.8 miles where it crosses US 183 and continues 2.7 miles where it turns to the north for 0.6 miles, crossing Mesquite Creek and the Lampasas County line. The link then turns to the east-northeast for 0.2 miles and terminates at its intersection with links C28 and C30.

#### **Link C20**

Link C20 begins where Link C15 terminates at a point on the north side of a Seminole natural gas pipeline, approximately 3 miles southeast of the intersection of the Seminole and Atmos pipelines. The link heads cross-country to the northeast for approximately 3.2 miles where it crosses the Colorado River into Burnet County. The link continues another 0.2 miles, then turns generally eastward and continues cross-country for 1.8 miles and terminates at its intersection with links C23 and C24.

#### **Link C22**

Link C22 begins where Link C16 terminates at a point where it crosses the Seminole natural gas pipeline, about 1 mile west of the Colorado River. Link C22 turns to the east-southeast, and then east, where it is located parallel and adjacent to the north side of the Seminole pipeline for approximately 1.3 miles to the Colorado River. The link continues across the river into Burnet County and parallels the pipeline ROW for another 0.3 miles. The link then leaves the pipeline ROW and heads cross-country to the northeast for 2 miles, then to the east-northeast for 0.8 mile, east for 1 mile, and then to the northeast for approximately 2 miles, where it terminates at the intersection with links C24, C25 and C26, about 2.8 miles west of Naruna in northern Burnet County.

#### **Link C23**

Link C23 begins at its intersection with links C20 and C24 and heads to the northeast for approximately 2 miles, where it crosses into Lampasas County. The link then continues generally to the northeast for another 3 miles where it crosses CR 1255 and then continues 3.6 miles where it crosses FM 580. After crossing FM 580, Link C23 continues to the northeast for 2.3 miles, then turns to the east-northeast for 0.4 miles where it crosses CR 1205, then continues for another 0.7 miles where it terminates on the north side of US 183/190 about 5.7 miles northwest of Lampasas.

#### **Link C24**

Link C24 begins where it intersects links C20 and C23, approximately 2.1 miles east of where C20 crosses the Colorado River. The link heads east-southeast for about 3.6 miles and terminates where it intersects links C25 and C26 about 2.8 miles west of Naruna in northern Burnet County.

**Link C25**

Link C25 begins where it intersects links C22, C24, and C26, and heads generally to the northeast for 1.2 miles, where it crosses CR 105 and proceeds 1.4 miles where it crosses into Lampasas County at CR 1299. The link continues to the northeast for approximately 1.4 miles where it crosses CR 1255, then proceeds 2.5 miles crossing CR 1139, and then 1.2 miles crossing FM 580. Link C25 continues another 2.7 miles crossing US 183/190 where it terminates at its intersection with links C23 and C31.

**Link C26**

Link C26 begins at its intersection with links C22, C24 and C25, and heads generally east for approximately 2.5 miles to CR 104, about 0.5 miles west of its intersection with RM 1478. The link then turns slightly to the southeast and parallels the north side of CR 104 for 0.5 miles to its intersection with FM 1478 about 0.3 miles north of Naruna. The link crosses FM 1478, and turns to the east-northeast for about 1 mile, where it turns to the east for about 3.4 miles where it terminates on the east side of the existing LCRA TSC T-109 transmission line, approximately 2.72 miles south of where the transmission line crosses FM 1478.

**Link C27**

Link C27 begins where it intersects links C18 and C26, and continues in an easterly direction for about 1.7 miles, where it crosses CR 101. The link then continues for 0.9 miles where crosses the existing LCRA TSC T-219 transmission line about 0.1 mile west of where Link C27 crosses US 281. From US 281 the link continues 1.3 miles about 2,000 feet or more from the north side of Mesquite Creek. The link then turns to the northeast for 1.4 miles where it crosses CR 207. The link then generally continues to the northeast for 1.9 miles where it crosses US 183. At this point, the link turns slightly eastward and runs for about 1.3 miles, where it enters Lampasas County. Link C27 then turns to the east-northeast for about 1.4 miles and then turns to the northeast for 0.9 miles where it terminates after crossing CR 4330 about 0.6 miles south of the intersection of CR 4330 with US 190.

**Link C28**



Link C28 begins at its intersection with C27, approximately 0.6 miles south of the intersection of CR 4330 with US 190. Link C27 heads to the south-southeast for 0.2 miles where it crosses CR 4330, and continues another 0.3 miles where it terminates at its intersection with links C19 and C30.

#### **Link C29**

Link C29 begins at its intersection with link C27 and C28, approximately about 0.6 miles south of the intersection of CR 4330 with US 190. The link then heads generally to northeast for about 1.7 miles where it crosses CR 4390. Link C29 then makes a right-angle to the north for approximately 0.2 miles, turns to the northeast for another 0.8 miles, and then angles back to the east for about 0.9 miles. Link C29 then turns back to the northeast and continues for 0.4 miles crossing US 190 about 0.5 miles northwest of its intersection with FM 3170. Link C29 then turns to northeast and terminates in 0.3 miles at its intersection with Link C31, approximately 0.3 miles northwest of the intersection of US 190 with FM 3170.

#### **Link C30**

Link C30 begins at its intersection with links C19 and C28. From this point, the link heads east-northeast for about 1.0 miles where it crosses from the north side of Mesquite Creek to its south side before angling a little more to the northeast. It continues in this direction for another 3.2 miles in which it crosses Mesquite Creek two more times. Link C30 continues on the south side of Mesquite Creek then bends to the east-northeast for 0.6 miles in which it crosses FM 3170 approximately 0.2 miles south of its intersection with US 190. After crossing FM 3170, the link heads east for about 0.4 miles and crosses the Lampasas River about 0.1 miles south of US 190. The link then turns north for about 0.2 miles, and terminates into the south side of the designated Newton Station, which is located on the north side of US 190 approximately 0.6 miles east of its intersection with FM 3170.

#### **Link C31**

Link C31 begins at its intersection with links C23 and C25 end, on the north side of US 183/190, approximately 1 mile east-southeast of its intersection with CR 1205. The link then generally heads east-northeast for about 1.0 miles where it crosses the BN&SF Railroad, proceeds 0.5 miles where it crosses CR 2001, and then continues 0.9 miles crossing CR 2200, then turns to the east for about 1.8 miles and turns back to the northeast for 0.6 miles where it crosses CR 2207 and continues on this heading for 1.1 miles where it crosses US 281. From this point the link continues to the northeast for

about 2 miles where it reaches the south side of Lucy Creek and turns to the southeast for 0.8 miles where it crosses CR 3420 and then proceeds another 0.6 miles where it crosses Little Lucy Creek. Link C31 continues to the southeast for 1.5 miles where it crosses CR 3430 and proceeds 2.3 miles where it crosses FM 580. After crossing FM 580, Link C31 turns slightly to the east-southeast for 2.1 miles along the west side of the Lampasas River. The link then turns back to the southeast for 0.9 miles where it crosses the existing LCRA TSC T-154 transmission line. The link continues to the southeast for 0.8 miles, crossing the BN&SF Railroad then angles to the east-southeast along the west side of the Lampasas River for about 0.7 miles where it intersects links C29 and C31a about 0.2 miles north of US 190.

**Link C31a**

Link C31a begins where it intersects links C29 and C31 about 0.2 miles north of US 190. The link then proceeds to the east for 0.4 miles where it crosses the Lampasas River. The link turns southeast for 0.1 mile, then east for about 0.1 mile, and terminates on the west side of the designated Oncor Electric Delivery Newton Station, which is located on the north side of US 190, approximately 0.6 miles east of its intersection with FM 3170.





