



Control Number: 38230



Item Number: 1381

Addendum StartPage: 0

**SOAH DOCKET NO. 473-10-4398
PUC DOCKET NO. 38230**

APPLICATION OF LONE STAR TRANSMISSION, LLC FOR A CERTIFICATE OF CONVENIENCE AND NECESSITY FOR THE CENTRAL A TO CENTRAL C TO SAM SWITCH/NAVARRO PROPOSED CREZ TRANSMISSION LINE	§ § § § § § §	BEFORE THE STATE OFFICE OF ADMINISTRATIVE HEARINGS
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**BOSQUE TRANSMISSION GROUP, INC.'S RESPONSE TO IONI CREEK
CONSERVATION GROUP'S FIRST SET OF REQUESTS FOR INFORMATION
TO BOSQUE TRANSMISSION GROUP AND PALO VERDE RANCH**

TO THE HONORABLE PUBLIC UTILITY COMMISSION OF TEXAS:

NOW COMES Bosque Transmission Group, Inc. ("BTG") and timely files this Response to Ioni Creek Conservation Group's ("ICCG") First Set of Requests for Information to Bosque Transmission Group and Palo Verde Ranch, which were received by BTG on August 17, 2010.

I. WRITTEN RESPONSES

Attached hereto and incorporated herein by reference are BTG's written responses to the aforementioned requests for information. Each such response is set forth on or attached to a separate page upon which the request has been restated. Such responses are made in the spirit of cooperation without waiver of BTG's right to contest the admissibility of any such matters upon hearing. BTG hereby stipulates that responses may be treated by all parties exactly as if they were filed under oath.

II. INSPECTIONS

In those instances where materials are to be made available for inspection by request or in lieu of a written response, the attached response will so state. For those materials that a response indicates may be inspected at the Austin voluminous room, please call in advance for an appointment in order to assure that there is sufficient space to accommodate your inspection. To make an appointment at the Austin voluminous room, located at the offices of Winstead P.C., 401 Congress Ave., Ste. #2100, Austin, Texas 78701, or to review those materials that a response indicates may be inspected at their usual repository, please call Karyn Veazey at 512-

1381

370-2943. Inspections will be scheduled so as to accommodate all such requests with as little inconvenience to the requesting party and to company operations as possible. BTG will be as cooperative as possible in making the requesting party's time as productive as possible.

Respectfully submitted,

WINSTEAD PC

By: Kirk Rasmussen by KFR w/ permission

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ATTORNEYS FOR BTG

CERTIFICATE OF SERVICE

It is hereby certified that a copy of the foregoing has been served in accordance with SOAH Order No. 5 on this the 21st day of August, 2010.

Kirk Rasmussen by KFR w/ permission

REQUEST:

Please identify all projects in which Mr. Peterson advised clients on the USACE permitting process for transmission line projects for the period 2000 to the present. If none, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

The following are projects for the period 2000 to the present in which Mr. Peterson advised clients on the USACE permitting process for transmission line projects:

West New Ulm to Fort Ridgely 69kV to 115 kV Transmission Upgrade and Substation, Minnesota – Xcel Energy

Goose Lake 69 kV to 115 kV Transmission Line Re-Build, Minnesota – Xcel Energy

Haxtun Wind Farm 235 kV transmission line and substation, Colorado – Haxtun Wind, LLC and U. S. Department of Energy

Tatanka Wind Farm 235 kV transmission line and substation, North Dakota – Acciona Energy USA

Dempsey Ridge Wind Farm 235 kV transmission line and substation, Oklahoma – Acciona Energy, USA

Goodhue Wind Farm 235 kV transmission line and substation, Minnesota – Goodhue Wind, LLC

REQUEST:

Please identify all USACE permits Mr. Peterson believes Lone Star would need to obtain (as opposed to likely have to obtain, or potentially have to obtain) for Links UU2, XX1, XX2, XX4, and XX5. If Mr. Peterson cannot state with certainty that USACE permitting would be required for these links, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

All of the above-referenced links have the potential to require USACE permits due to the locations depicted by Lone Star's Application for these links. However, it is impossible to state with certainty – during the route selection stage – which of these links would, in fact, require USACE permits. This determination will be made with certainty once structure locations have been determined and their designs are complete.

Links XX2, XX4 and XX5, as depicted in Lone Star's Application, would require right-of way easements from the USACE.

REQUEST:

Please state whether Mr. Peterson has conducted an on-the-ground site visit to any of the routing for Links UU2, XX1, XX2, XX4, and XX5. If not, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

Yes. Mr. Peterson has conducted an on-the-ground site visit to the routing for Links UU2, XX1, XX2, XX4 and XX5.

REQUEST:

Regarding the process for requesting easements from USACE discussed on page 5, line 19-27, of the Direct Testimony of Ronald P. Peterson:

- a. To Mr. Peterson's knowledge, how many easement requests by utilities has the USACE denied in the last three years?
- b. To Mr. Peterson's knowledge, how many easement requests in the last three years have taken 18 months or more to complete?

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

- a. Mr. Peterson is not aware of any central repository for data on USACE decisions on easement requests and thus does not have data on how many denials have occurred in the last three years. He is, however, aware of one easement request denial to the Brazos Electric Power Cooperative, Inc. related to their Mustang Transmission Tap Project in Denton County. This denial was for a previously ordered Public Utility Commission of Texas route (PUC Docket No. 32871).
- b. Mr. Peterson is not aware of any central repository for data on project-by-project time frames for USACE decisions on easement requests and thus does not have data on how many easement requests in the last three years have taken 18 months or more to complete.

REQUEST:

At the time of writing his direct testimony was Mr. Peterson aware that the USACE told Lone Star it does not need either an Environmental Assessment (EA) or an Environmental Impact Statement (EIS) to use XX4?

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

Mr. Peterson is aware that meeting minutes prepared by Burns and McDonnell assert that a staff person from the USACE made a statement to this effect. However, assuming this statement is accurately set forth in the meeting minutes, it is premature and unreliable because: (1) the person who allegedly made the statement is not the USACE staff person who will make the ultimate decision as to whether an EA will be required; (2) the USACE must consider the potential for impacts to the federally endangered golden-cheeked warbler and has not yet had an opportunity to seek or review comments from the USFWS on Link XX4; and (3) the USACE has not yet gone through the required process for determining whether a project requires an EA or is eligible to be treated as a Categorical Exclusion. The applicable USACE regulations (33 CFR Chapter 230.7(e)(3)) indicate that an EA would normally be required for Link XX4 because it crosses fee-owned USACE property. Any decision to vary from the requirements set forth in the USACE regulations must be made through the formal USACE decision-making process, rather than via an alleged oral comment at a meeting with USACE staff.

REQUEST:

In regards to the discussion of wetlands ("Waters of the United States") in Mr. Peterson's Direct:

- a. Please state all links that Mr. Peterson claims crosses wetlands.
- b. If Mr. Peterson claims that links XX2, XX4 or YY1 cross wetlands, please provide all documentation support such claim.

RESPONSE:

The following response was prepared by or under the direct supervision of Ronald P. Peterson, Director of Environmental Services, Westwood Professional Services, Inc.:

- a. The scope of Mr. Peterson's Direct Testimony regarding waters of the United States was limited to links UU2, XX1, XX2, YY2, XX4 and XX5. All of these links cross wetlands or streams.
- b. Prior to field reviewing Links XX2, XX4 and YY1, Mr. Peterson reviewed: (1) USGS topographic mapping, (2) the National Wetland Inventory; (3) the National Hydrography Dataset; and (4) the Natural Resources Conservation Service Soil Survey for Bosque County. All of these resources indicated that Links XX2, XX4 and YY1 crossed wetlands or streams. Mr. Peterson subsequently field reviewed these links and observed wetlands or streams in the mapped locations. The resources referenced above that Mr. Peterson reviewed are publicly available on the internet and no print copies of same were created beyond what is portrayed on the exhibits attached to the Direct Testimony of Michael D. Noonan, Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas.*

REQUEST:

In regards to Mr. Sather's direct testimony, p. 6 lines 15-16, please provide all documentation supporting his statement that the carvings on cliff at Flat Top Ranch are Native American?

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

The petroglyphs observable on the sandstone cliff face are comparable in content and location to other rock art assemblages identified in the Central Texas region. A bibliography of materials that discuss such petroglyphs and rock art assemblages is provided below.

Baugh, Timothy G.

1994 "*Holocene Adaptations in the Southern High Plains*" in Plains Indians, A.D. 500-1500. The Archaeological Past of Historic Groups, edited by Karl H. Schlesier. University of Oklahoma Press. Norman, Oklahoma.

Beecherl, Louis A., Jr. and Bryan Sowell

1997 A Dream Come True, The Story of Flat Top Ranch, A Grassland and Water Conservation Venture. Nortex Press. Austin, Texas.

Burns & McDonnell Engineering Company, Inc.

2010 Environmental Assessment and Alternate Route Analysis for the Proposed Central A to Central C to Sam Switch to Navarro 345 kV Transmission Line Project. Technical report prepared for Lone Star Transmission, LLC, Austin, Texas.

Drass, Richard R.

1998 "*The Southern Plains Villagers*" in The Archaeology on the Great Plains, edited by W. Raymond Wood. University Press of Kansas. Lawrence, Kansas.

Gaskill, Melissa

2009 Ancient Paintings on Ranch Near Town of Paint Rock.

<http://www.suite101.com/content/see-rock-art-in-central-texas-al24654>

Handbook of Texas Online, s.v.

2010 Indian Rock Art. <http://www.tshaonline.org/handbook/online/articles/II/bqi3.html>

2010 Kirkland, Olea Forrest.

<http://www.tshaonline.org/handbook/online/articles/KK/fki35.html>

2010 Paint Rock. <http://www.tshaonline.org/handbook/online/articles/PP/bbp6.html>

Jackson, A. T.

1938 Picture Writing of Texas Indians. University of Texas Publication Number 3809.

Kay, Marvin

1998 "*The Central and Southern Plains Archaic*" in The Archaeology on the Great Plains, edited by W. Raymond Wood. University Press of Kansas. Lawrence, Kansas.

Keyser, James D. and Michael A. Klassen

2001 Plains Indian Rock Art. University of Washington Press. Seattle, Washington.

Newcomb, W. W., Jr.

1967 The Rock Art of Texas Indians, Paintings of Forrest Kirkland. University of Texas Press. Austin, Texas.

Robbins, R. Robert

1999 A Central Texas Sun Dagger.

<http://www.as.utexas.edu/astronomy/people/robbins/release.html>

Texas Arrow Heads

2010 Central Texas Pictograph Rock Art!

<http://texasarrowheads.com/field-research/burnet-co-pictograph/>

Texas Beyond History

2010 Lower Pecos Canyonlands – Rock Art.

<http://www.texasbeyondhistory.net/pecos/art.html>

Turpin, Solveig A. and Herbert H. Eling, Jr.

2003 Lewis Canyon Explained: The Ritual Implications of Water in the Desert. Paper presented at the 10th Annual Conference of The Center for Big Bend Studies. Sol Ross State University, Alpine, Texas.

REQUEST:

Please identify what Mr. Sather means by “potential Native American cliff carvings.” (Slather Direct at 6)

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

The statement “potential Native American cliff carvings” in Mr. Sather’s testimony refers to the fact that a formal archaeological analysis of the carvings located on the sandstone cliffs on the Flat Top Ranch has not been conducted. Mr. Sather and other professionals at Westwood Professional Service, Inc. (“Westwood”) performed a preliminary investigation of the petroglyphs and are of the opinion that the carvings may be representative of both historic and prehistoric activities, as discussed further in the Direct Testimony of Michael D. Noonan, Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC’s Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*.

Regional instances of figures incised on rock facades have been identified as prehistoric Native American art. In some locations, historic age carvings have been added adjacent to the prehistoric items. The assemblage of carvings observed on the sandstone cliffs on Flat Top Ranch are comparable to those described at other rock art sites. A more detailed archaeological analysis would provide a basis by which to formally and more conclusively determine the age and cultural origin of the carvings.

REQUEST:

Please state whether in the locales identified in Mr. Sather's testimony, there have been any confirmed Native American cliff carvings. If not, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

Because a formal archaeological investigation has not been conducted in the immediate area surrounding the cliff carvings, no official documentation regarding confirmed Native American cliff carvings on the site have been registered with the Texas Historical Commission.

REQUEST:

Please identify what Mr. Sather means by "potential rural historic landscape." (Sather Direct at 6)

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

A geographically definable area that has undergone past modification by human design or use in an identifiable pattern has the potential to be considered a historic rural landscape district. If the modifications in the defined area are over 50 years old, and the landscape possesses both significance and integrity in accordance with National Register criteria, the landscape may be eligible for the National Register. According to Robert Z. Melnick, writing on behalf of the Department of the Interior:

A Rural Historic Landscape is a geographically definable area, possessing a significant concentration, linkage, or continuity of landscape components which are united by human use and past events or aesthetically by plan or physical development. Usually, a rural historic district will be distinguishable from its immediate surroundings by visual changes, such as landscape spatial organization, density, scale, or age; and by historical documentation of different associations or patterns of development. (Melnick, 1984)

Historic rural landscape districts are recognized by characteristics including either historic processes or physical components of the landscape. Historic processes include land use patterns; the spatial organization of the landscape features, the impact of the natural environment; and the continuity of cultural traditions, including regional cultural traditions. Historic rural landscape districts are historically and culturally significant for a region, state, and/or nation. A bibliography of materials referenced that discuss historic rural landscape districts and the Flat Top Ranch, which is an example of such a district, is provided below:

Allred, B. W. and J. C. Dykes (editors)
1957 *Flat Top Ranch, The Story of a Grassland Venture*. University of Oklahoma Press. Norman, Oklahoma.

Beecherl, Louis A., Jr. and Bryan Sowell
1997 *A Dream Come True, The Story of Flat Top Ranch, A Grassland and Water Conservation Venture*. Nortex Press. Austin, Texas.

Carroll, H. Bailey
1956 "Texas Collection". The Southwestern Historical Quarterly, Vol. 60, No. 1, pp. 151-177.

Friedberger, Mark

1999 "*Mink and Manure: Rural Gentrification and Cattle Raising in Southeast Texas, 1945-1992*". The Southwestern Historical Quarterly, Vol. 102, No. 3, pp. 269-293.

Hedrick, Oland

1956 "Range Improvement on the Flat Top Ranch in Central Texas". Journal of Range Management, Vol. 9, No. 3, pp. 123-126.

REQUEST:

Please state whether in the locales identified in Mr. Sather's testimony, whether any of the area(s) have received recognition as a "rural historic landscape." If not, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

None of the areas evaluated by Mr. Sather have been formally designated as a "rural historic landscape." However, the Flat Top Ranch has been cited as a significant property by various researchers in the past and would qualify as a rural historic landscape. Most of the historic references to Flat Top Ranch in the academic literature are related to the restoration and conservation practices established in the 1930s and 1940s, which practices continue at the Flat Top Ranch today. A bibliography of materials referencing the historic significance of the Flat Top Ranch is provided below.

Allred, B. W. and J. C. Dykes (editors)

1957 Flat Top Ranch, The Story of a Grassland Venture. University of Oklahoma Press.
Norman, Oklahoma.

Beecherl, Louis A., Jr. and Bryan Sowell

1997 A Dream Come True, The Story of Flat Top Ranch, A Grassland and Water Conservation
Venture. Nortex Press. Austin, Texas.

Carroll, H. Bailey

1956 "*Texas Collection*". The Southwestern Historical Quarterly, Vol. 60, No. 1, pp. 151-177.

Friedberger, Mark

1999 "Mink and Manure: Rural Gentrification and Cattle Raising in Southeast Texas, 1945-
1992". The Southwestern Historical Quarterly, Vol. 102, No. 3, pp. 269-293.

Hedrick, Oland

1956 "Range Improvement on the Flat Top Ranch in Central Texas" . Journal of Range
Management, Vol. 9, No. 3, pp. 123-126.

REQUEST:

Please state whether Mr. Sather has experience in constructing a high-voltage transmission line, and if so, provide a list of transmission line projects in which Mr. Sather participated in constructing from 2000 to the present. If Mr. Sather has no such experience, please so state.

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

The following is a list of the transmission projects with which Mr. Sather has participated. For each of the references listed, Mr. Sather served as the principal investigating archaeologist for the cultural resource investigations required as part of a State or Federal review and compliance process.

- 2010 *Phase I Archaeological Reconnaissance Survey for the Proposed Quarry Substation, Sterans County, Minnesota.* Letter report prepared for Natural Resource Group, Minneapolis, Minnesota.
- 2009 *Phase I Archaeological Reconnaissance Survey for a Proposed 115/69 kV Transmission Line Rebuild in the Minnesota River Valley, Brown and Nicollet Counties, Minnesota.* Report prepared for Xcel Energy, Minneapolis, Hennepin County, Minnesota.
- 2009 *Phase Ia Literature Search for the proposed Great Lakes Energy – Itasca-Mantrap Potato Lake 115kV Substation and Transmission Line, Hubbard County, Minnesota.* Report prepared for Great River Energy, Maple Grove, Hennepin County, Minnesota.
- 2009 *Mankato 115kV Loop Project – South Bend Substation Cultural Resources Survey, Blue Earth County, Minnesota.* Letter report prepared for Xcel Energy Services, Minneapolis, Minnesota.
- 2009 *Cultural Resources Investigations of the Proposed GRE Stoney Creek Substation Project Area, Blue Earth County, Minnesota.* Letter report prepared for Great River Energy, Maple Grove, Minnesota.
- 2008 *Phase III Archaeological Data Recovery for the Great River Energy GW-LGT Transmission Line Project at the Sioux Camp Road Site (21CA0700), Cass County, Minnesota.* Report prepared for Great River Energy, Maple Grove, Minnesota.
- 2008 *Phase I Cultural Resources Reconnaissance Survey Shingobee Substation and Transmission Line Hubbard County, Minnesota.* Report prepared for Great River Energy, Maple Grove, Minnesota.

- 2008 *Phase III Archaeological Data Recovery of the Sioux Camp Road Site for the Proposed Great River Energy GW-LGT Transmission Line Project, Cass County, Minnesota.* Report prepared for Great River Energy, Maple Grove, Minnesota.
- 2008 *Phase I Cultural Resources Survey Buffalo-Rutland Transmission Line, Martin County, MN.* Report prepared for Great River Energy, Maple Grove, Minnesota.
- 2008 *Phase Ia Cultural Resources Survey and Preliminary Project Area Field Visit: Southdale to Searcyville 115kV Transmission Line, Crow Wing and Cass Counties, Minnesota.* Report prepared for Great River Energy, Maple Grove, Minnesota.

REQUEST:

In regards to Mr. Sather's direct testimony p. 8, line 4, please describe and provide the documentation that Mr. Sather claims supports his analyses that cabin on the Flat Top Ranch was constructed by J.W. Taylor in the 1850's and is in its original location.

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

As referenced in "*A Dream Come True, The Story of Flat Top Ranch, A Grassland and Water Conservation Venture*" by Louis A. Beecherl, Jr. and Bryan Sowell, the J.W. Taylor homestead cabin was constructed in the 1850s, near a bend in the Flag Branch Creek. Additionally, this text references associated structures built in the vicinity of the J.W. Taylor homestead cabin. Based on the associated literature and Westwood's site evaluation, the J.W. Taylor homestead cabin appears to be located in its original position as it was constructed in the 1850s.

REQUEST:

In regards to Mr. Sather's direct testimony, page 12 lines 8-11, please state the distance that links SS and NN3 are from the "Pettit area."

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

The proposed transmission line will pass through the "Pettit Area". The distances between the links and the "Pettit Area" are 0 feet.

REQUEST:

Please state the approximate distance that links SS and NN3 are from the potential Taylor cabin on the Flat Top Ranch.

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc.:

The Taylor cabin is located approximately 16,830 feet from link SS and 12,045 feet from link NN3.

REQUEST:

In regards to Mr. Sather's discussion of the antebellum home on the Palo Verde Ranch that sits on the highest point of the property, page 13, line 6-7:

- a. Please state all geographic directions that can be viewed from the home?
- b. In which direction is link UU2 from the home?
- c. What is the distance of UU2 from the home?
- d. When was the home site moved to its current location?
- e. What was its original location in proximity to link UU2?

RESPONSE:

The following response was prepared by or under the direct supervision of Dean T. Sather, Senior Cultural Resource Specialist, Westwood Professional Services, Inc., and Loyd W. Powell, Jr., President and Owner of Palo Verde Oil Co. and an owner of the Palo Verde Ranch:

- a. All geographic directions can be viewed from the home. However, the primary views from the home are east and southeast.
- b. Link UU2 is located to the south and southeast of the home.
- c. Link UU2 is approximately 2,000 feet from the home.
- d. The home site was moved to its present location in 1985.
- e. The original location of the structure was Clifton, Texas, approximately 20 miles (straight-line distance) south of its current location.

REQUEST:

In regards to Mr. Noonan's direct page 23, lines 21-23, please provide all supporting documentation that link QQ would result in increased runoff and sediment loading.

RESPONSE:

The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

In addition to the narrative found on pages 24-25 of Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*, and Exhibits 1 and 2 attached thereto, supporting documentation include the Bosque County Soil Survey, which is publicly available on the internet, and the placement of link QQ as depicted in Lone Star's Application.

In addition to the above-referenced supporting documentation, Mr. Noonan's conclusions are based on a series of detailed field inspections of the subject area combined with his professional . experience and background relative to large scale construction projects that utilize both track mounted and rubber tired heavy equipment. Likewise, Mr. Noonan has professional experience and background relative to typical construction activities associated with installation of high voltage transmission line facilities, including the activities associated with the drilling and placement procedures related to pole and tower structures of the type and size being proposed by Lone Star, which experience was drawn upon to analyze runoff and sediment loading issues.

REQUEST:

In regards to Mr. Noonan's direct, page 23 lines 15-18, please provide all supporting documentation that construction of links XX2 and YY2 would damage Steele Creek.

RESPONSE:

The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

With the exception to the narrative found on pages 41-43 of Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*, and Exhibits 1, 4 and 5 attached thereto, there are no other documents responsive to this request. In addition to Exhibit MDN-2, Mr. Noonan's statements were based on a series of detailed field observations of the subject area combined with his professional experience and background relative to large scale construction projects that utilize both track mounted and rubber tired heavy equipment. Further, Mr. Noonan has professional experience and background relative to typical construction activities associated with installation of high voltage transmission line facilities, including the activities associated with the drilling and placement procedures related to pole and tower structures of the type and size being proposed by Lone Star, which experience was drawn upon to analyze runoff and sediment loading issues.

When viewed in the field, it is clear that links XX2 and YY2 would provide an environment whereby any large scale construction activities across these areas would be likely to experience a significant level of disruption to the existing surface soil conditions. As a result, there would likely be an increased opportunity for surface runoff to produce increased sediment loading to the outflow areas, which would include the neighboring waterways and Steele Creek. Likewise, much of the areas that would be utilized for the construction across links XX2 and YY2 are characterized by dense wooded areas, steep cliffs and severe grades, which would only result in additional runoff and sediment loading once disturbed by the proposed construction activities.

REQUEST:

In regards to Noonan direct, page 24:

- a. Please describe what constitutes habitat for species indigenous to Africa and Asia that are kept on the Game Creek Ranch and provide all supporting evidence and documentation.
- b. Please provide all supporting documentation to UU2 would compromise habitat for species indigenous to Africa and Asia on the Game Creek Ranch.

RESPONSE:

The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

- a. With the exception of the narrative found on pages 29-33 of Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*, there are no other documents responsive to this request.

Additionally, Mr. Noonan conducted detailed field inspections of the African and Asian endangered species habitat on the Game Creek Ranch. When viewed in the field and based on interviews with ranch management representatives, it became apparent that these habitat areas have been specifically developed and are maintained to provide the respective species with an environment similar to that habitat found in their native lands. In some cases, the species being cared for on the Game Creek Ranch are currently extinct in their native lands. The development and maintenance of these native habitats on the Game Creek Ranch have been pursued at great expense in monies and resources. When observed in the field and based on interviews with ranch management representatives, it is obvious that, as a result of these expenditures of money and resources, the current livestock and exotic game operations on the Game Creek Ranch have provided an environment and habitat in which the numerous species have developed into full, well balanced, and thriving herds. Consequently, many of the exotics raised and bred on the Game Creek Ranch have been healthy enough to be transported and relocated back into their native lands and habitats, in support of repopulating those species back into native habitats.

Mr. Noonan's observation of the detailed game management programs for each of the species found on the Game Creek Ranch confirmed the maintenance of requisite habitat, segregation of habitats and grazing areas through a system of high fence enclosure areas, non invasive and functional access and service roads, development of a system of year round waterways and ponds for game watering,

and operational facilities inclusive of helipads designed to assist in the requisite animal maintenance and breeding operations.

- b. With the exception of the narrative found on pages 34-36 of Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*, there are no other documents responsive to this request.

Additionally, Mr. Noonan's conclusions are based on detailed field inspections of the African and Asian endangered species habitat on the Game Creek Ranch and the area in which link UU2 is proposed to be located. When viewed in the field and based on interviews with ranch management representatives, the game and livestock operations and related support facilities on the Game Creek Ranch demonstrate a high level of investment and planning to achieve the current habitat conditions and characteristics that provide for a safe, healthy, and thriving environment for the respective game species. Likewise, when viewed in the field and based on interviews with ranch management representatives, it is obvious that the proposed UU2 link would bisect and significantly disrupt much of the ongoing game management program on the Game Creek Ranch.

If high voltage transmission line facilities were constructed across link UU2, significant disruption to the existing enclosure areas that provide maintained habitat would occur. Likewise, the existing management program elements of non-invasive service and access roads, watering sources for the game and livestock, and strategic operational facilities would all need to be relocated in some fashion in order to accommodate the transmission line construction. As explained in on pages 34-36 of Exhibit MDN-2, the entire construction area would need to be segregated through construction of high fence, for a period of at least three years, in order to provide the appropriate opportunity for the restoration activities to be successful. Considering the extent to which these facility relocations would need to be accomplished, there would also be a situation whereby there would be an increased burden on the remainder property of the Game Creek Ranch to meet the significant needs of the facilities relocation plan.

REQUEST:

In regards to Noonan direct, pages 26-27:

- a. Provide a copy of all documents upon which you rely for the cost of \$4 to \$6 per linear foot to construct a high fence structure; if you have no such documents, please so state;
- b. State whether you have had discussion with Lone Star regarding the need to construct a high fence on your property;
- c. Provide a map showing the location of the 45 separate enclosures of the Flat Top Ranch that are configured with 27 miles of high fenced;
- d. Provide a map showing the location of the 8 separate enclosures on the Game Creek Ranch that are segregated by 21 miles of high fence;
- e. Provide a copy of all documents you provided Lone Star regarding the need to construct a high fence on your property; and
- f. Provide a copy of all documents Lone Star provided you regarding the need to construct a high fence on your property.

RESPONSE:

The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

- a. Cost estimate of \$4.35 per lineal foot of 8' High Fence was used in specific calculations. Estimates of costs (and limiting assumptions) from local contractor sources are referenced in Attachment 1.
- b. Yes (relevant to select BTG member properties).
- c. There are no documents responsive to this request. The data cited was based on information provided to Westwood by landowner representatives and through field visits conducted by Westwood. The specific nature and configurations of the cited enclosures and high fence were observed during numerous field visits by Mr. Noonan to the Flat Top Ranch.
- d. There are no documents responsive to this request. The data cited was based on information provided to Westwood Professional Services, Inc. by landowner representatives and through field visits conducted by Westwood. The specific nature and configurations of the cited enclosures and high fence were observed during numerous field visits by Mr. Noonan to the Game Creek Ranch.
- e. Other than the direct testimony of Mr. Noonan and exhibits attached thereto filed in this proceeding, no other documents were provided to Lone Star regarding the need to construct a high fence on the BTG member properties or the Palo Verde Ranch.

f. There are no documents responsive to this request.

ATTACHMENT:

ATTACHMENT 1 – Project Log Entries dated 6/22/10 and 8/10/10, 4 pages.
Bid Showing Representative Costs, 2 pages

Project Log Entry

DATE: 6/22/10

PROJECT: Bosque Transmission Group (BTG) / Lone Star 345kV

PARCEL(s): FTR, GCA, LWA

AGENT: Mike Noonan

LOG ENTRY:

Received fencing estimates from L.E. Fence LLC (China Spring, TX) and JT Rabon (Walnut Springs, TX).

General cost estimates for quantity of 8' High fence and 4 wire 4' fence. Both types had broken out costs for various required braces, gates, water gap crossings. Focus is on High Fenced areas.

8' High Fence:

w/ regular interval bracing @ \$4.35 per lineal foot

H brace w/ kicker @ \$350 each

Water Gap (40' average) @ \$2,000 each

Gate (4') @ \$1,000 each

4' high fence, 4 wire:

w/ regular interval bracing @ \$2.80 per lineal foot

*Does not include dozer or heavy equipment work. No segregation or salvage of top soil.

* Does not include removal of fencing following restoration period.

Project Log Entry

DATE: 8/09/10

PROJECT: Bosque Transmission Group (BTG) / Lone Star 345kV

PARCEL(s): All in FTR, GCA, LWA

AGENT: Mike Noonan

LOG ENTRY:

Confirmed estimates w/ Gary Phillips (Walnut Creek) today, relative to estimated costs for wooded areas and forested areas to be cleared of vegetation for lineal construction projects.

Assumptions:

- 1) Areas to be cleared w/ dozer only, materials (not top soil) segregated and stockpiled adjacent, NOT hauled away.
- 2) Base rate of \$100.00 hrly for labor/equipment
- 3) Once cleared, areas to be leveled back to grade (does NOT include compaction mitigation)
- 4) Moderate to heavy density would take \$240 per acre minimum.

*Does NOT include restoration, removal of debris, mobilization costs

Project Log Entry

DATE: 6/22/10 and 8/10/10

PROJECT: Bosque Transmission Group (BTG) / Lone Star 345kV

PARCEL(s): FTR, GCA, LWA

AGENT: Mike Noonan

LOG ENTRY:

Per JT Rabon (and others), received estimated "General" costs for construction area restoration and maintenance for project areas in designated BTG areas. Estimated costs include soil prep, seeding/fertilizer, maintenance, and requisite watering for a three (3) year restoration period. Contemplates a required field area of minimum 200' wide in order to achieve functional working area for restoration activities and requisite equipment. Does not include extensive efforts to amend severely compacted soil.

Soil prep, discing, harrow @	\$90 p/a
Seed/fertilizer @	\$216 p/a
2 nd year fertilizer/herbicide @	\$145 p/a
3 rd year " " @	\$95 p/a
*Watering @	\$4,800 p/a
TOTAL per acre (three years)	\$5,346

*Watering method chosen contemplates labor/equipment @ \$100 p/a, per application with application twice a month for 8 months a year (\$1,600), times three years or \$4,800 p/a.

Alternate method of calculating labor/equipment would include drilling adequate well with 20-25 hp pump at est. \$55,000, plus added labor/equipment of delivery to subject property.

Project Log Entry

DATE:

PROJECT: Bosque Transmission Group (BTG) / Lone Star 345kV

PARCEL(s):

AGENT: Mike Noonan

LOG ENTRY:

Worksheet- \$4.35 per lineal foot (8' High Fence) and \$5,346 per acre restoration costs

FTR :

QQ-SS (63,946 l/f fencing and 147 acres restoration)

$$\text{\$ } 278,165 + \text{\$ } 785,862 = \text{\$ } 1,064,227$$

NN3-SS (58,990 l/f fencing and 135.3 acres restoration)

$$\text{\$ } 256,600 + \text{\$ } 723,310 = \text{\$ } 979,910$$

GCA (GCR and Palo Verde)

UU2 (38,070 l/f fencing and 87.5 acres restoration)

$$\text{\$ } 165,605 + \text{\$ } 467,775 = \text{\$ } 633,380$$

\$240 p/a

Wooded @ 10,731 l/f or 50 acres

$$\hookrightarrow 10,731 \text{ l/f} \times 200' = 2,146,200 / 43,560 = 50 \text{ ac. (r)}$$

\$17,746 p/a

w/ restoration
costs

$$\text{\$ } 387,300$$

L.E. Fence LLC

PO Box 100
China Spring, TX 76633
(888)FENCE44

Estimate

Date	Estimate #
5/26/2010	1111

Name / Address
Game Creek Ranch County Road 2700 Walnut Springs, TX * NOT SPECIFIC TO BTG.

(*FOR EXAMPLE OF REPRESENTATIVE COSTS)

			Project
Description	Qty	Rate	Total
8' Game Fence Bare pipe	20,000	4.00	80,000.00
Braces (One per quarter mile in per foot cost)	15	0.00	0.00
Braces (H brace with one kicker) - if needed		300.00	300.00
Braces (H brace with kicker on each side) - if needed		350.00	350.00
kicker brace - if needed		150.00	150.00
Watergap - 40 feet	2	2,000.00	4,000.00
4' X 16" Gate - Built to match others on ranch including braces (\$400.00 per gate plus 2 braces)		1,000.00	1,000.00
Dozer Work		80.00	80.00
The customer shall determine all property boundaries to be fenced.		0.00	0.00
The footages and Dozer hours are all plus or minus and will be adjusted to actual upon completion of job.		0.00	0.00
The customer shall mark or have marked all utility lines, ie. water, telephone, gas, electric		0.00	0.00
We Guaranty our corners not to pull for five years baring an act of man or God. In the event they do, L.E. Fence will come repair them with no charge.		0.00	0.00
The customer shall pay L.E. Fence LLC in two mile increments when finished and full balance upon completion.		0.00	0.00
Thank you for the opportunity to bid your fencing needs!		0.00	0.00
		Total	\$85,880.00

L.E. Fence LLC

PO Box 100
China Spring, TX 76633
(888)FENCE44

Estimate

Date	Estimate #
5/26/2010	1111

Name / Address
Game Creek Ranch County Road 2700 Walnut Springs, TX
*NOT SPECIFIC TO BTG.

(*FOR EXAMPLE OF REPRESENTATIVE COSTS)

			Project
Description	Qty	Rate	Total
8' Game Fence Bare pipe	20,000	4.00	80,000.00
Braces (One per quarter mile in per foot cost)	15	0.00	0.00
Braces (H brace with one kicker) - if needed		300.00	300.00
Braces (H brace with kicker on each side) - if needed		350.00	350.00
kicker brace - if needed		150.00	150.00
Watergap - 40 feet	2	2,000.00	4,000.00
4' X 16" Gate - Built to match others on ranch including braces (\$400.00 per gate plus 2 braces)		1,000.00	1,000.00
Dozer Work		80.00	80.00
The customer shall determine all property boundaries to be fenced.		0.00	0.00
The footages and Dozer hours are all plus or minus and will be adjusted to actual upon completion of job.		0.00	0.00
The customer shall mark or have marked all utility lines, ie. water, telephone, gas, electric		0.00	0.00
We Guaranty our corners not to pull for five years baring an act of man or God. In the event they do, L.E. Fence will come repair them with no charge.		0.00	0.00
The customer shall pay L.E. Fence LLC in two mile increments when finished and full balance upon completion.		0.00	0.00
Thank you for the opportunity to bid your fencing needs!		0.00	0.00
		Total	\$85,880.00

REQUEST:

In regards to Noonan direct at p. 15:

- a. Please state the distance that each airstrip, runway, heliport or helipad is from the proposed line and identify the link from which the measurement is being taken;
- b. Please state the direction the runway, airstrip, heliport or helipad is in relation to the alignment of the line;
- c. Please state the number of times in the last year each of the airstrips, runways, heliports or helipads identified in subpart "a" were used over the last year.
- d. Please state the number of times per month that CareFlite helipads are used for emergency response;
- e. Please state the necessary slope for CareFlite helicopters for take-off and landing?
- f. Please state how the line would impact aircraft that use each of the runways, airstrips, heliports or helipads identified in subpart "a."
- g. Please provide all supporting documentation for all subparts to this RFI.

RESPONSE:

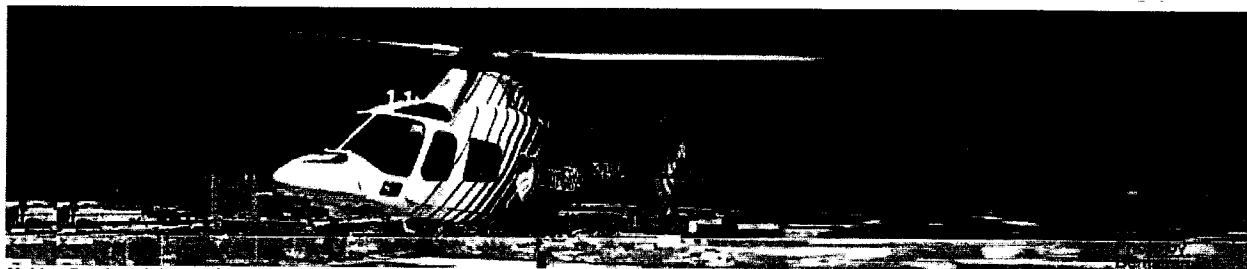
The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

- a. Please refer to pertinent narrative and exhibits found in Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*.
- b. Please refer to pertinent narrative and exhibits found in Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*.
- c. The subject airstrips and runways are used on a regular basis. For example, the FAA-registered private Flat Top Ranch Airport (74E) is utilized weekly, but the Pettit landing strip is utilized less frequently, on a yearly basis. The FAA-registered private W4 Ranch Airport (84TE) is utilized weekly. The subject heliports and helipads are used on regular basis for ranching operations and on an as-needed basis when a CareFlite helicopter is radioed to the properties for a medical emergency.
- d. CareFlite helipads are used on an as-needed basis when a CareFlite helicopter is radioed to the property for a medical emergency. Thus, there is no specific number of times per month the helipads are used.
- e. The CareFlite organization specifies a 2:1 flight approach minimum clearance zone (a 50% glide slope) for take off and landing.

- f. Please refer to pertinent narrative and exhibits found in Exhibit MDN-2.
- g. Please refer to Attachment 1 to this RFI and the narrative and exhibits found in Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*.

ATTACHMENT:

ATTACHMENT 1 – CareFlite Landing Zone Criteria, 2 pages.
Airport Data, 7 pages.



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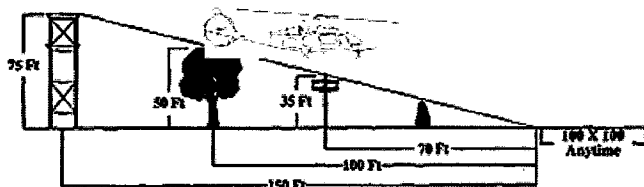
[2009 Little LifeSavers Registration](#)

Helicopter Safety and Landing Zone Procedures

To schedule a Landing Zone (LZ) safety class, or to identify pre-designated LZ locations in your city,
LandingZone@CareFlite.org or call 972-369-3493
[Click here](#) to submit an online LZ safety class request

Landing Zone (LZ) Criteria

- 100' Wide X 100' Long
- Level with a firm surface
- Clear of sand, gravel and other debris
- No power lines, trees, poles, buildings, or other overhead obstructions near or in the area
- No vehicles or people within the zone
- Avoid sloped areas



Marking the Landing Zone (LZ)

- Weighted construction cones
- Two vehicles with headlights crossed at the center of the LZ
- Smoke canisters during daylight operations
- Battery operated strobe lights
- Cylume Chem-lite Sticks
- Markings such as barrier tape, flag tape, etc. should not be used

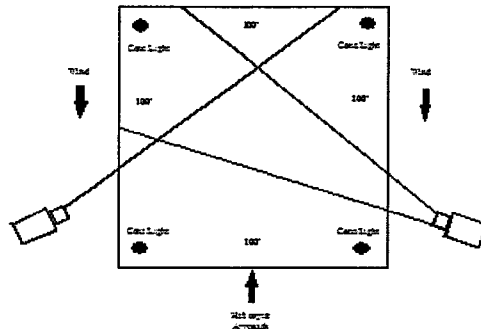
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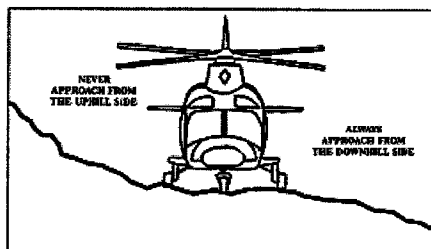
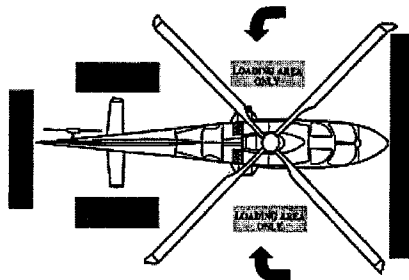


LZ Coordinator Responsibilities

- Command and secure the LZ
- Establish radio contact with aircraft
- Assist pilot in locating the LZ
- Keep all bystanders 100' away from the LZ
- Keep everyone away from the tail rotor
- Contact pilot after landing to determine any safety issues

Helicopter Safety

- Approach and depart the aircraft from the side only
- Never walk around the tail rotor
- Shield your eyes from rotorwash during landing and takeoff
- Do not carry anything above your head
- Do not approach the helicopter while the blades are turning unless instructed by the CareFlight crew
- Do not run towards the aircraft, approach in a calm and slow manner
- No smoking anywhere in the vicinity of the aircraft
- The pilot and/or medical crew control activity around the aircraft
- Secure loose items such as hats, clothing, stretcher sheets, and any other object light enough to be blown into the rotor blades



For more information, or to schedule a Landing Zone (LZ) safety class, or to identify pre-designated LZ locations in your city, call 972-369-3493 [Click here](#) to submit an online LZ safety class request.


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TS03

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Location & QuickFacts

FAA Information Effective:

2010-04-08

Airport Identifier: TS03

Airport Status: Operational

Longitude/Latitude: 097-44-16.0940W/32-03-41.5320N

-97.737804/32.061537 (Estimated)

Elevation: 914 ft / 278.59 m (Estimated)

Land: 0 acres

From nearest city: 0 nautical miles E of Walnut Springs, TX

Location: Bosque County, TX

Magnetic Variation: 07E (1985)

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Owner & Manager

Ownership:

Privately owned

Owner: Eugene Bryant

Address: 916 Vaquero St

Fort Worth, TX 76108

Phone number: 817-246-3330

Address:

[Top](#)

Airport Operations and Facilities

Airport Use:

Private

Wind Indicator: Yes

Segmented Circle: Yes

Control Tower: No

Sectional chart: Dallas-ft Worth

Region: ASW - Southwest

Boundary ARTCC: ZFW - Fort Worth

Tie-in FSS: FTW - Fort Worth

FSS Phone: 817-541-3474

FSS Toll Free: 1-800-WX-BRIEF

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Runway Information

Runway 16/34

Dimension:

1500 x 100 ft / 457.2 x 30.5 m

Surface: DIRT,

Runway 16

Traffic Pattern: Left

Obstruction: 4 ft fence, 300.0 ft from runway

Runway 34

Left

4 ft fence, 100.0 ft from runway

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
MNZ	NDB	Hamilton		251.00	07E	33.8 nm
MWL	NDB	Mineral Wells		266.00	06E	46.4 nm
ROB	NDB	Robinson		400.00	07E	47.8 nm
NFW	TACAN	Nas Jrb Fort Worth	024X		07E	45.3 nm

JEN	VORTAC	Glen Rose	097X	115.00	06E	9.2 nm
ACT	VORTAC	Waco	100X	115.30	09E	33.9 nm
MQP	VORTAC	Millsap	124X	117.70	09E	42.1 nm
FTW	VOT	Fort Worth Meacham		108.20		49.4 nm

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Flat Top Ranch Airport (74TE) Information

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Flat Top Ranch Airport (74TE)

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74TE

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Location & Quick Facts

FAA Information Effective: 2010-04-08
 Airport Identifier: 74TE
 Airport Status: Operational
 Longitude/Latitude: 097-47-41.4000W/32-03-41.0000N
 -97.794833/32.061389 (Estimated)
 Elevation: 960 ft / 292.61 m (Surveyed)
 Land: 0 acres
 From nearest city: 2 nautical miles W of Walnut Springs, TX
 Location: Bosque County, TX
 Magnetic Variation: 05E (2010)

[Top](#)

Owner & Manager

Ownership: Privately owned
 Owner: Louis A. Beecherl, Jr.
 Address: 5950 Cedar Springs Road #200
 Dallas, TX 75235
 Phone number: 214-559-0088
 Manager: Louis A. Beecherl, Jr.
 Address: 5950 Cedar Springs Road #200
 Dallas, TX 75235
 Phone number: 214-956-6866

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Airport Operations and Facilities

Airport Use: Private
 Wind indicator: Yes
 Segmented Circle: No
 Control Tower: No
 Sectional chart: Dallas-ft Worth
 Region: ASW - Southwest
 Boundary ARTCC: ZFW - Fort Worth
 Tie-In FSS: FTW - Fort Worth
 FSS Phone: 817-541-3474
 FSS Toll Free: 1-800-WX-BRIEF

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Airport Communications

Unicom: 122.725

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Runway Information

Runway 18/36

Dimension: 4191 x 50 ft / 1277.4 x 15.2 m
 Surface: ASPH,

Runway 18

Longitude: 097-47-39.3537W
 Latitude: 32-04-01.6781N
 Elevation: 952.00 ft

Traffic Pattern: Left

Runway 36

097-47-43.4030W
 32-03-20.3520N
 921.00 ft
 Left

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
MNZ	NDB	Hamilton		251.00	07E	32.1 nm
MWL	NDB	Mineral Wells		266.00	06E	45.5 nm
ROB	NDB	Robinson		400.00	07E	50.0 nm


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W4 Ranch Airport (84TE) Information

Morgan, TX

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W4 Ranch Airport (84TE)

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84TE

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Location & QuickFacts

FAA Information Effective: 2010-04-08

Airport Identifier: 84TE

Airport Status: Operational

Longitude/Latitude: 097-32-35.4500W/31-59-17.0400N
-97.543181/31.988067 (Estimated)

Elevation: 833 ft / 253.90 m (Estimated)

Land: 0 acres

From nearest city: 4 nautical miles E of Morgan, TX

Location: Bosque County, TX

Magnetic Variation: ()

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Owner & Manager

Ownership: Privately owned

Owner: Joe Walker Land And Cattle Co, Ltd

Address: 3733 Flory St
Fort Worth, TX 76180

Phone number: 817-595-1121

Manager: Joey Walker

Address: 3733 Flory St
Fort Worth, TX 76180

Phone number: 254-635-4444

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Airport Operations and Facilities

Airport Use: Private

Wind indicator: Yes

Control Tower: No

Sectional chart: San Antonio

Region: ASW - Southwest

Boundary ARTCC: ZFW - Fort Worth

Responsible ARTCC: ZFW - Fort Worth

Tie-In FSS: FTW - Fort Worth

FSS Phone: 817-541-3474

FSS Toll Free: 1-800-WX-BRIEF

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Runway Information

Runway 17/35

Dimension: 4500 x 50 ft / 1371.6 x 15.2 m

Surface: ASPH,

Runway 17

Traffic Pattern: Left

Runway 35

Left

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
ROB	NDB	Robinson		400.00	07E	37.9 nm
MINZ	NDB	Hamilton		251.00	07E	38.0 nm
XQH	NDB	Cedar Hill		353.00	08E	46.3 nm
NFW	TACAN	Nas Jrb Fort Worth	024X		07E	47.4 nm
TPL	VOR/DME	Temple	041X	110.40	09E	47.2 nm
JEN	VORTAC	Glen Rose	097X	115.00	06E	19.9 nm
ACT	VORTAC	Waco	100X	115.30	09E	24.1 nm

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Lake Whitney Country Club Airport (37XS) Information

Whitney, TX

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Lake Whitney Country Club Airport (37XS)

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37XS

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Location & QuickFacts

FAA Information Effective: 2010-04-08
 Airport Identifier: 37XS
 Airport Status: Operational
 Longitude/Latitude: 097-25-01.0560W/32-00-00.5540N
 -97.416960/32.000154 (Estimated)
 Elevation: 627 ft / 191.11 m (Estimated)
 Land: 0 acres
 From nearest city: 4 nautical miles NW of Whitney, TX
 Location: Hill County, TX
 Magnetic Variation: 07E (1985)

[Top](#)

Owner & Manager

Ownership: Privately owned
 Owner: Vision Villages Inc.
 Address: P.O. Box 817
 Hillsboro, TX 76445
 Manager: Carl Cornelius
 Address: 111 New Street
 Hillsboro, TX 76645
 Phone number: 817-694-3146

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Airport Operations and Facilities

Airport Use: Private
 Wind indicator: No
 Segmented Circle: No
 Control Tower: No
 Landing fee charge: No
 Sectional chart: Dallas-ft Worth
 Region: ASW - Southwest
 Boundary ARTCC: ZFW - Fort Worth
 Tie-in FSS: FTW - Fort Worth
 FSS on Airport: No
 FSS Phone: 817-541-3474
 FSS Toll Free: 1-800-WX-BRIEF

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Runway Information

Runway 14/32

Dimension: 2067 x 80 ft / 630.0 x 24.4 m
 Surface: TURF-DIRT,

Runway 14

Traffic Pattern: Left

Runway 32

Left

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
ROB	NDB	Robinson		400.00	07E	34.7 nm
XQH	NDB	Cedar Hill		353.00	08E	42.0 nm
MNZ	NDB	Hamilton		251.00	07E	43.8 nm
RBD	NDB	Redbird		287.00	06E	49.2 nm
LNC	NDB	Lancaster		239.00	06E	49.5 nm
NFW	TACAN	Nas Jrb Fort Worth	024X		07E	46.4 nm
TPL	VOR/DME	Temple	041X	110.40	09E	47.5 nm
ACT	VORTAC	Waco	100X	115.30	09E	21.7 nm


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Laguna-not A-park Airstrip Airport (TX82) Information

Laguna Park, TX

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Laguna-not A-park Airstrip Airport (TX82)

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TX82

[Have a photo of this airport? Share with others.](#)

Location & QuickFacts

FAA Information Effective:

2010-04-08

Airport Identifier: TX82

Airport Status: Operational

 Longitude/Latitude: 097-22-51.4000W/31-51-49.0000N
 -97.380944/31.863611 (Estimated)

Elevation: 620 ft / 188.98 m (Estimated)

Land: 4 acres

From nearest city: 4 nautical miles E of Laguna Park, TX

Location: Bosque County, TX

Magnetic Variation: 06E (1995)

[Top](#)

Owner & Manager

Ownership:

Privately owned

Owner: Rick Fields

 Address: Po Box 5234
 Laguna Park, TX 76644

Phone number: 254-622-2555

Manager: Rick Fields

 Address: Po Box 5234
 Laguna Park, TX 76644

Phone number: 254-622-2555

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Airport Operations and Facilities

Airport Use:

Private

Wind Indicator: Yes

Segmented Circle: No

Control Tower: No

Sectional chart: San Antonio

Region: ASW - Southwest

Boundary ARTCC: ZFW - Fort Worth

Tie-in FSS: FTW - Fort Worth

FSS on Airport: No

FSS Phone: 817-541-3474

FSS Toll Free: 1-800-WX-BRIEF

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Runway Information

Runway 15/33

Dimension:

1972 x 150 ft / 601.1 x 45.7 m

Surface: TURF,

Runway 15

Longitude: 097-22-57.6000W

Latitude: 31-51-57.5000N

Traffic Pattern: Left

Obstruction: 15 ft pine, 75.0 ft from runway

Runway 33

097-22-47.0000W

31-51-41.2000N

Left

15 ft trees, 75.0 ft from runway

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
ROB	NDB	Robinson		400.00	07E	26.9 nm
MNZ	NDB	Hamilton		251.00	07E	41.8 nm
LXY	NDB	Mexia		329.00	07E	46.4 nm
HLR	NDB	Hood		347.00	07E	47.3 nm
XQH	NDB	Cedar Hill		353.00	08E	48.3 nm


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Diamond Seven Ranch Airport (43TA) Information

Morgan, TX

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Diamond Seven Ranch Airport (43TA)

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43TA

Have a photo of this airport? Share with others.

Location & QuickFacts

FAA Information Effective:

2010-04-08

Airport Identifier: 43TA

Airport Status: Operational

 Longitude/Latitude: 097-37-35.0800W/32-01-30.5420N
 -97.626411/32.025151 (Estimated)

Elevation: 797 ft / 242.93 m (Estimated)

Land: 0 acres

From nearest city: 1 nautical miles N of Morgan, TX

Location: Bosque County, TX

Magnetic Variation: 07E (1985)

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Owner & Manager

Ownership:

Privately owned

Owner: Diamond Seven Ranch

 Address: 1650 Airport Blvd, Box 110
 Cleburne, TX 76031

Phone number: 817-641-2267

Manager: Tommy Yater

 Address: 1650 Airport Blvd, Box 110
 Cleburne, TX 76031

Phone number: 817-641-2267

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Airport Operations and Facilities

Airport Use:

Private

Wind Indicator: Yes

Segmented Circle: Yes

Control Tower: No

Sectional chart: Dallas-ft Worth

Region: ASW - Southwest

Boundary ARTCC: ZFW - Fort Worth

Tie-in FSS: FTW - Fort Worth

FSS on Airport: No

FSS Phone: 817-541-3474

FSS Toll Free: 1-800-WX-BRIEF

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Runway Information

Runway 13/31

Dimension:

3452 x 100 ft / 1052.2 x 30.5 m

Surface: TURF,

Runway 13

Traffic Pattern: Left

Runway 31

Left

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Radio Navigation Aids

ID	Type	Name	Ch	Freq	Var	Dist
MANZ	NDB	Hamilton		251.00	07E	36.1 nm
ROB	NDB	Robinson		400.00	07E	42.3 nm
XQH	NDB	Cedar Hill		353.00	08E	47.4 nm
NFW	TACAN	Nas Jrb Fort Worth	024X		07E	45.9 nm
JEN	VORTAC	Glen Rose	097X	115.00	06E	15.1 nm
ACT	VORTAC	Waco	100X	115.30	09E	28.4 nm
MQP	VORTAC	Millsap	124X	117.70	09E	46.2 nm
FTW	VOT	Fort Worth Meacham		108.20		49.5 nm

REQUEST:

In regards to Noonan direct, please provide all supporting documentation that larger structures would be needed to construct the proposed line on BTG properties.

RESPONSE:

The following response was prepared by or under the direct supervision of Michael D. Noonan, Manager, Siting and Land Rights, Westwood Professional Services, Inc.:

In addition to the narrative found on pages 40-41 in Exhibit MDN-2, *Evaluation of the Impacts of Lone Star Transmission LLC's Proposed 345 kV Transmission Facilities on Certain Properties in Bosque, Erath, and Somervell Counties, Texas*, Mr. Noonan's statements were based on his first-hand field observations of the subject area's terrain. Additional documentation includes the Lone Star Application and discovery responses filed Lone Star in this docket, including but not limited to, Lone Star's responses to BTG Requests for Information Question Nos. 1-24 through 1-27.