Control Number: 16874

Item Number: 1

Addendum StartPage: 0

Central and South West Corporation

1616 Woodall Rodgers Freeway
P.O. Box 660164 • Dallas, Texas 75266-0164
214-777-1000

January 9, 1997

Mr. James Galloway
Public Utility Commission of Texas
1701 N. Congress
P. O. Box 13326
Austin, Texas 78711-3326

RECEIVED
97 JAN -9 PM 2:47
PUBLIC UTILITY COMMISSION
FILING CLERK

RE: Snyder to Roby CCN DKT.# 16874

Dear Mr. Galloway:

Pursuant to the provisions of PUC Substantive Rules and on behalf of West Texas Utilities (WTU) I am enclosing for filing the original and six (6) copies of proposed construction of new transmission lines and associated substations in Fisher and Scurry counties.

As described in the application, WTU and Midwest Electric Cooperative (MWEC) have entered into an agreement for electrical power delivery at four delivery points in Fisher and Scurry Counties. One of the delivery points is MWEC's existing Plainview delivery point with TUEC. A second delivery point will be at MWEC's new SN TX substation that will be constructed east of Snyder. The third delivery point will be at a new WTU substation that will be constructed south of the intersection of Highway 180 and FM 611 south of the Hobbs Community. The fourth delivery point will be a new WTU substation northwest of the Longworth Community on the southeast corner of the intersection of Highway 70 and County Road 118. The proposed transmission line segments will provide service to the new substations and bi-directional service to the existing Plainview substation. Under this proposal, WTU would construct approximately 31.6 miles of new transmission line to serve MWEC.

If you have any questions regarding this filing, please contact me at Central and South West Corporation in Dallas, Texas at (214) 777-1264.

Yours truly,

Joe Samples
Regulatory Case Manager

Enclosures

cc: Mr. Eric Blakey, WTU
Mr. Larry Roberson, CSWS

PUBLIC UTILITY COMMISSION OF TEXAS
1701 North Congress Ave.
Austin, Texas 78711-3326. (512)936-7000

APPLICATION OF ELECTRIC UTILITY FOR A CERTIFICATE OF CONVENIENCE AND NECESSITY (CCN) FOR PROPOSED TRANSMISSION LINE

1. West Texas Utilities Company
Applicant (Utility Name)

30170
Certificate Number

(915) 674 7000
Phone Number

301 Cypress Street
Street Address

Abilene
City

Texas
State

79601
Zip

P. O. Box 841
Mailing Address

Abilene
City

Texas
State

79604
Zip

2. Mr. Joe Samples - Central and South West
Person to Contact

Regulatory Case Manager
Title/Position

(214) 777 1264
Phone Number

P.O. Box 660164
Mailing Address

Dallas
City

Texas
State

75266-0164
Zip

Nancy Leshikar
Broyles and Pratt
A Professional Corporation
Legal Counsel

(512) 794 2100
Phone Number

6836 Austin Center Blvd. Suite 250, One Northpoint Centre
Mailing Address

Austin
City

Texas
State

78731
Zip

DESCRIPTION OF FACILITIES

3. Name or Designation Of Segment	Voltage Rating (kV)	Miles Of ROW	Miles Of Circuit	Conductor Type And Size	Structure Type	Width Of ROW (Feet)	Percent Of ROW Acquired
Snyder to SN TX	69	3.5	3.5	477 KCM 26/7 ACSR	Single pole	60	0
Plainview to Roby	69	27.1	27.1	477 KCM 26/7 ACSR	Single pole	60	0
Longworth Tap	69	1.0	1.0	4/0 ACSR	Single pole	60	0

4. Is a new substation construction included in this project? ___X___ Yes _____No.

West Texas Utilities Company (WTU) will construct two substations associated with the construction of the transmission lines.

How is the new substation identified? State the distance from the proposed substation to the nearest residence, residential area, subdivision or community.

The new WTU substations have been identified as the Hobbs substation and the Longworth substation. The distance from the Hobbs substation to the nearest residence is 850 feet. The distance from the Longworth substation to the nearest residence is 1,000 feet. Substation Questionnaires are attached for each substation.

5. Provide a schedule for this project.

Estimated dates of:	Start	Completion
Engineering	July 1, 1996	Nov 1, 1997
ROW Acquisition	Dec 1, 1996	Jun 1, 1997
Construction - Substations	Nov 1, 1997	May 1, 1998
Construction - Snyder-SN TX	Jul 1, 1997	Sept 1, 1997
Construction - Roby-Plainview	Nov 1, 1997	May 1, 1998
Construction - Longworth Tap	Apr 1, 1998	May 1, 1998
Place facilities in service	June 1, 1998	

6. List all counties in which facilities are proposed to be constructed.

Fisher and Scurry Counties.

NEIGHBORING UTILITIES AND MUNICIPALITIES

7. List all incorporated municipalities in which facilities are proposed. If franchise, permit or other evidence of consent has previously been submitted by the applicant, provide only the Docket Number .

City of Snyder and the City of Roby.

8. List other electric utilities certificated to areas traversed by the proposed facilities.

Texas Utilities Electric Company (TUEC) and Midwest Electric Cooperative (MWEC).

9. Have the affected utilities agreed to the construction? ____Yes. _X__No. If yes, attach a copy of the agreements.

Letters of consent have been sent to TUEC and MWEC. Copies of these letters are included in this application as Attachment I.

10. Identify and describe how any other electric utility will be involved in this project.

WTU will provide wholesale delivery points to MWEC at four new locations. These delivery points are WTU's proposed Hobbs and Longworth substations, MWEC's existing Plainview substation and MWEC's proposed SN TX substation on the east side of Snyder.

WTU will establish a new interconnect with TUEC at its 37th Street substation in the south part of Snyder. TUEC has agreed to expand its 37th Street substation to accommodate the installation of a new 69 kV breaker and associated equipment for the new interconnect. MWEC's existing interconnect with TUEC will be used as a backup to the new WTU/TUEC interconnect.

MWEC will construct its new SN TX substation in the SN TX Industrial Park near Snyder, Texas. MWEC will also construct 2.15 miles of 69 kV transmission line from the substation to the north to tap MWEC's existing radial transmission line to MWEC's Plainview substation.

COST AND FINANCING OF FACILITIES

11. How will the construction of the proposed facilities be financed?

Funds for this project will come from short term borrowings and internally generated capital until the project is completed.

12. List the estimated cost of the:

	Transmission Facilities	Substation Facilities
Right of way (easement and fee)	$ 297,000.00	$ 10,000.00
Material and supplies	1,199,000.00	691,000.00
Labor and transportation (utility)	79,000.00	489,000.00
Labor and transportation (contract)	770,000.00	30,000.00
Stores	156,000.00	105,000.00
Engineering and Admin. (utility)	331,000.00	132,000.00
Engineering and Consulting (contract)	140,000.00	0.00
Estimated Total	$ 2,972,000.00	$1,457,000.00

13. To each copy of the application, attach the following:

A. Routing map of the county or counties involved in the proposed project.

See Attachment III.

B. Routing study report conducted by the utility or consultant.

The new wholesale contract with MWEC requires three transmission line segments be constructed by WTU. These segments are: (1) Roby to Plainview, (2) SN TX to 37th Street in Snyder and (3) Longworth tap. WTU reviewed United States Geological Survey (USGS) quadrangle maps and highway maps to establish a general project area for these lines.

WTU contracted with Espey Huston and Associates (EHA) to conduct an environmental assessment of the transmission routes and substation sites. WTU defined the project area and acquired aerial photography for most of the area.

EHA contacted various agencies for needed data. Copies of correspondence with Texas Natural Heritage Program (TNHP), Texas Parks and Wildlife Department, and the U. S. Department of Interior Fish and Wildlife Service are included in EHA's reports titled Environmental Assessments and Alternative Route Analyses for the Proposed Longworth and Snyder-Roby 69 kV Transmission Line projects - Scurry and Fisher Counties, Texas (EHA Report) which is included as Attachment XI.

WTU identified a number of potential routes that were compared to environmental constraint maps prepared by EHA. Routes that were potentially sensitive were eliminated wherever possible. WTU ultimately delineated alternative routes for further analysis by WTU and EHA. Ultimately, eight alternative routes for the Roby to Plainview segment, three for the SN TX to 37th Street segment and two for the Longworth segment were selected for a thorough environmental assessment and alternatives analysis. These routes (Figure 2-2a and 2b in EHA Report) were displayed at the two Open Houses conducted for this project.

Since more than 25 landowners would be entitled to direct notice of the proposed construction, WTU conducted Open Houses in accordance with PUC Procedural Rule 22.52 (a)(4). These Open Houses were conducted in Roby and in the

Northeast Scurry County Community Center near Snyder, Texas, to gain community input before the final route was selected. WTU, MWEC and EHA participated as hosts for the Open Houses as described in the EHA Report on page 2-5 in the Longworth Section and page 2-5 of the Snyder-Roby Section.

The initial alternative routes identified by WTU and EHA were presented at the Open Houses. Some of the routes were modified after the meeting because of comments received. EHA completed their final analysis of the routes and presented its recommendation based only upon environmental considerations. WTU selected its preferred route based on cost, engineering considerations, community input, cultural and environmental impacts. On the Roby to Plainview segment, WTU selected the route identified in EHA Report as route 5A. On the Snyder 37th Street to SN TX segment, WTU selected the route identified in EHA Report as route 1B. On the Longworth section, WTU selected the route identified in EHA Report as Route 1. In this application, WTU is requesting certification of the Plainview to Roby Route 5A, the Snyder to SN TX Route 1B, and the Longworth Tap Route 1 described above.

WTU's and EHA's study found no airports, radio/TV transmitting towers, parks, known cultural sites, or other similar facilities within close proximity to the proposed right of way of the SN TX to 37th Street and Longworth segments of this project. On the Roby to Plainview segment, there is one TxDOT road side park, the L.K. Terry Baseball Park and the Roby Municipal Park within 1,000 ft of the ROW centerline and a radio dispatch antenna and a AT&T microwave tower within 2,000 feet of the ROW centerline. The routing constraints of any significance were terrain features, cultivation and pasture land. There are a total of 20 habitable structures that will be within 200 feet of the proposed route. See EHA Report page 6-8 of the Longworth Section and pages 6-12 and 6-13 of the Snyder-Roby Section for a listing of all habitable structures and their distances from the centerline of the proposed transmission line.

EHA reviewed the study area for endangered and threatened species along the proposed route. The results of EHA's detailed study are summarized in the response to Question 25 in this application.

C. Schematic or diagram of the applicant's transmission system in the approximate area of the proposed project.

Attached as Attachment II.

D. Dimensionalized drawings of the typical structures to be used.

Attached as Attachment III.

ADEQUACY OF EXISTING SERVICE AND NEED FOR ADDITIONAL SERVICE

14. State the reason for the proposed construction.

WTU and MWEC have entered into an agreement for WTU to provide MWEC wholesale power delivery at four electric power delivery points in Fisher and Scurry Counties. This electric power delivery agreement will provide MWEC a lower cost wholesale power than other alternatives they considered.

One of the four delivery points is MWEC's existing Plainview delivery point with TUEC. A second delivery point will be at MWEC's new SN TX substation that will be constructed east of Snyder. The third delivery point will be at WTU's proposed Hobbs substation that will be constructed south and west of the intersection of Highway 180 and FM 611 south of the Hobbs Community. The fourth delivery point will be at WTU's proposed Longworth substation northwest of the Longworth Community on the southeast corner of the intersection of Highway 70 and County Road 118. MWEC's total load for these four delivery points will be approximately 16 MW.

MWEC's existing loads served from meter points with TUEC at Hermleigh, Plainview, West Sweetwater, and Sweetwater-Roby Highway and WTU's Roby delivery point will be transferred to the new delivery points. MWEC's delivery points at Roby, Hermleigh, West Sweetwater and Sweetwater-Roby Highway are served from either TUEC's or WTU's distribution lines. The conversion from distribution delivery points to 69 kV transmission delivery points should improve reliability to MWEC's customers by reducing distribution exposure and providing bi-directional feed to MWEC's existing Plainview substation and the new SN TX and Hobbs substations. The Texas Department of Corrections Price Daniel Prison Unit is served from the Plainview substation and is considered a priority load by MWEC.

To provide the service requested by MWEC, WTU will establish a new interconnect with TUEC at TUEC's 37th Street substation on the south side of Snyder and construct 3.5 miles of 69 kV single pole transmission line from TUEC's 37th Street substation to MWEC's SN TX substation. MWEC will construct the SN TX substation and 2.15 miles of 69 kV single pole line, north, from this station, to its existing 69 kV transmission line serving the existing Plainview substation. The SN TX delivery point will serve the new Lorber Industries Plant and the SN TX Industrial Park. This part of the project is to be in service by September 1, 1997.

WTU will construct 14.7 miles of 69 kV single pole transmission line from MWEC's Plainview substation to WTU's proposed Hobbs substation. The Hobbs substation will be constructed approximately 600 feet south of the southwest corner of the intersection of Highway 180 and County Road 611. The new Hobbs delivery point will serve the existing load from WTU's Rotan delivery point and from TUEC's Hermleigh meter point and West Sweetwater meter point.

WTU will construct 12.4 miles of 69 kV single pole transmission line from the proposed Hobbs substation to WTU's existing Roby substation in Roby, Texas. Most of this transmission line will parallel Highway 180.

In addition, WTU will construct approximately 1.0 mile of single pole 69 kV transmission line from its Roby to Eskota 69 kV transmission line west to WTU's new Longworth substation that will be constructed on the southeast corner of the intersection of Highway 70 and County Road 118. The new Longworth delivery point will serve load from WTU's existing Roby delivery point and TUEC's existing Sweetwater-Roby Highway meter point. WTU's existing Roby delivery point load will be transferred to the new Longworth delivery point.

15. List the options that were considered and the reasons for rejecting them.

Transmission Line Options:

The transmission line from TUEC's 37th Street substation to SN TX to Plainview to Hobbs to Roby was evaluated for 138 kV or 69 kV operation. The operation of this line at 138 kV did not provide any substantial advantage as there is no 138 kV line into Roby. To get 138 kV into Roby would require the construction of approximately 15 miles of 138 kV line from Eskota to Roby and substantial modifications to the Roby substation.

The 69 kV option was selected because of its lower cost even though the power transfer from Roby to SN TX is limited to 15 MW if the line to Snyder 37th Street is out of service. MWEC's existing 69 kV delivery point with TUEC for the 69 kV line to MWEC's Plainview substation will be retained as an emergency backup for the SN TX substation to the indicated future growth levels in the SN TX Industrial Park load.

MWEC requested that the new Hobbs substation be located near the intersection of Highway 180 and County Road 611. This location would be near the center of MWEC's load that would be moved from WTU's Rotan delivery point, TUEC's Hermleigh meter point and TUEC's West Sweetwater meter point. Landowners were contacted in the area and the site on the southwest corner of Highway 180 and County Road 611 was selected.

Non-Renewable Distributed Generation:

Distributed Generation was rejected because it is not cost effective for the MWEC load. The total MWEC load for the four delivery points is approximately 16 MW. Various types of Distributed Generation (DG) technologies were investigated and are shown in the following table.

Various Options Reviewed	Typical Cost and Base Unit Size		Estimated Cost (minimum)
Battery Storage	5 MW	@ $ 870 / kW	$13,920,000
Fuel Cells			
-phosphoric acid	2-10 MW	@ $3870 - 3110 / kW	$49,760,000
-molten carbonate	2-10 MW	@ $1800 - 1470 / kW	$23,520,000
Combustion Turbines	4-21 MW	@ $ 770 - 980 / kW	$12,320,000
Internal Combustion Engines	0.5-10 MW	@ $1190 - 770 / kW	$12,320,000

Note 1: Cost estimates are taken from the EPRI Technical Assessment Guide for Distributed Resources - (EPRI TR-105124) 1995 EPRI Volume 5, May 1995, pages 2-70, 2-61, 2-63, 2-37 and 2-24.

Note 2: Battery energy is a storage technology which utilizes the stored energy from batteries charged when off-peak power is available and discharged when energy is needed.

Note 3: Fuel cell technology continuously transforms chemical energy of the fuel and oxidant to electrical energy in an isothermal process. Common types of electrically conductive medium include phosphoric acid (most technically mature) and molten carbonate. The 10 MW phosphoric acid plant is not commercially available until 1998 and the 10 MW molten carbonate facility is not commercially available until 2003.

Note 4: Combustion turbine technology utilizes engines adapted from aircraft turbofan engines and operate on fuels such as natural gas, oil or dual fuel. Costs do not include CCN process.

Note 5: Internal combustion engines are engines designed to operate with natural gas, diesel oil or dual fuel. Costs do not include CCN process.

The lowest cost DG option available is diesel and natural gas generation which costs a minimum of approximately $12,320,000. This is approximately three times more than the cost of the proposed transmission lines and substations.

Renewable Alternatives:

Solar and wind generation were considered but both were rejected because neither is capable of furnishing the necessary firm source of supply for the MWEC load at affordable costs. Solar and wind generation are not yet cost competitive for this type of load requirement as compared to the cost of the proposed transmission line. A more detailed discussion of these items is below:

Photovoltaics:

MWEC has a requirement for 24 hours per day operation. For the use of photovoltaics, provisions would have to be made to provide power at night and at other times when the sunlight is reduced. If you assumed that 8 hours of sunlight is available per day, then battery capacity would have to

be installed to provide service during the other 16 hours in the day to allow 24 hour per day operation. The cost for providing the same service with photovoltaics that is being proposed in this application would cost approximately $176,600,000 which is substantially more expensive.

Wind Turbines:

As with photovoltaics, enough wind turbines capacity would have to be installed to allow for service during low wind conditions. Since specific wind information is not available for multiple sites in Fisher and Scurry Counties, we have assumed that average wind speeds would provide 25% of the rated output of the wind turbines. This is a very conservative approach because there will likely be times when there is no wind and as a result, no output. As with photovoltaics, this option was also rejected because it is not capable of furnishing the necessary firm source of supply for MWEC at affordable costs. The approximate cost for wind turbines in this application is $99,200,000.

Demand Side Management:

While WTU pursues the use of demand-side management (DSM) alternatives to defer capital construction and expenditures, the use of DSM programs to meet the needs of MWEC for this project is not applicable because wholesale 69 kV delivery points are being provided at these locations and WTU has no access to MWEC's customers.

COMMUNITY VALUES

16. List any permits or approvals required by other governmental agencies for the construction of the proposed project. Indicate whether or not permits have been obtained.

Highway crossing permits are required for several crossings of Highway 180, Highway 70 and several FM Roads. These permits will be obtained prior to the start of construction.

17. Provide a general description of the area traversed by the proposed project.

The area traversed by the lines is in Fisher and Scurry Counties between Snyder and Roby and near Longworth in West Texas. Land use in Fisher and Scurry Counties is primarily agricultural with ranching constituting the major activity. However, along most of the alternative routes, cultivated cropland make up the majority of the land crossed. The area is a sparsely populated agricultural area containing a few single-family residences. A description of the three line segments follows.

Snyder to SN TX: The TUEC 37th Street substation is on the south edge of Snyder. The area crossed by this line section is predominately pastureland. The line will parallel an existing TUEC's 69 kV transmission line and a railroad right of way for part of the route. Part of the right of way parallels the edge of a cultivated

field and a waterway. There are four habitable homes within 200 feet of the centerline of transmission line in this proposed 3.5 mile line section. See page 6-27 of the Snyder-Roby Section of the EHA Report for a listing of the habitable structures in this line section.

Plainview to Hobbs to Roby: The Roby to Plainview segment will exit the east side of WTU's Roby substation on the northeast side of Roby. The first 1,200 feet is in the Roby city limits. The remainder of the line is in gently rolling farmland or pastureland. The preferred route parallels existing highway right of way for approximately 114,250 feet and stays at the edge of cultivation and avoids crossing any cultivated areas. Over 50 % of the proposed route is adjacent to cultivated cropland. There are sixteen habitable homes within 200 feet of the centerline of the transmission line in this proposed 27.1 mile line section. See page 6-12 of the Snyder-Roby Section of the EHA Report for a listing of the habitable structures in this line section.

Tap to new Longworth substation: The proposed route for this 1 mile line segment parallels the south side of County Road 118 west from WTU's existing Roby to Eskota 69 kV transmission line along the edge of cultivated cropland. There are no habitable residences along this proposed route.

18. List all residences, businesses, schools, churches, cemeteries, hospitals, nursing homes or other habitable structures within 200 feet of the center line of the proposed transmission line.

There are no schools, churches, cemeteries, hospitals, or nursing homes within 200 feet of the proposed transmission lines. There are twenty habitable structures within 200 feet of the proposed line. There are four habitable structures in the 3.5 mile line section from Snyder to SN TX and sixteen habitable structures are in the 27.1 mile line section from Plainview to Hobbs to Roby. A listing of the habitable structures is included in pages 6-12 and 6-27 of the Snyder-Roby Section of the EHA Report that is included as Attachment XI.

19. List all commercial AM radio transmitters located within 10,000 feet of the center line of the proposed project; and all FM radio transmitters, microwave relay stations or other similar electronic installations located within 2,000 feet of the center line of the proposed project.

There is a radio dispatch antenna and an AT&T microwave tower within 2,000 feet of the center line of the proposed project. See page 6-12 of the Snyder-Roby Section of the EHA Report that is included as Attachment XI.

20. List all airstrips registered with the Federal Aviation Administration located within 10,000 feet of the center line of the project. Provide a general description of each registered airstrip and its distance from the center line of the proposed transmission line. Will the construction of this project require notice to the Federal Aviation Administration? _____Yes. ___X___ No.

There are no FAA registered airstrips located within 10,000 feet of the centerline of the project.

21. Identify any pasture or cropland irrigated by traveling irrigation systems (rolling or pivot type) that will be traversed by the proposed project.

No traveling irrigation systems will be traversed by the proposed project.

22. List the newspapers that will publish the notice for this application. Attach a copy of the notice that is to be published.

A copy of the notice to be published in the Snyder Daily News and the Rotan Advance is attached as Attachment V.

A copy of the notice and maps sent to the individual landowners (as stated on the current county tax rolls) is included as Attachment VI. Attachment VI contains letters to landowners on the proposed route (the route for which WTU is seeking certification) and the alternate route. A listing of the landowners on the proposed route and alternate route is included in Attachment VII. A copy of the notice and maps sent to governmental officials are included in Attachment VIII.

PARKS AND RECREATIONAL AREAS

23. List all parks and recreational areas owned by a governmental body or an organized group, club, or church located within 1,000 feet of the center line of the project.

L.K. Terry Baseball Park and the Roby Municipal Park in Roby are both over 500 feet from the center line of the proposed line route. There is one roadside park on Highway 180 west of Roby that will be within 75 feet of the center line of the proposed line route.

HISTORICAL AND ARCHEOLOGICAL VALUES

24. List all historical and archeological sites known to be within 1,000 feet of the center line of the proposed project.

There are no historical or archeological sites known to be within 1,000 feet of the center line of the proposed project. EHA indicated on pages 3-34 and 4-12 of the Longworth Section and pages 3-42 and 4-15 of the Snyder-Roby Section of its report that a file search at the Texas Archeological Research Laboratory determined that there are no official records of cultural resources within 1,000 feet of the proposed project. EHA further stated that a files search at the Texas Historical Commission revealed no National Register structures or properties within the area. There are three historical markers located in the study area, but none are located within a 1,000 feet of the center line of the proposed project.

ENVIRONMENTAL INTEGRITY

25. Provide copies of any environmental impact studies or assessments of the project.

A formal study was conducted by EHA as part of WTU's assessment of the proposed route. EHA's assessment consisted of literature research and field observations. As noted in the response to Question 13, a copy of EHA's environmental assessment report is attached as Attachment XI. The following is a summary of the results of these assessments.

Land use.

Project area lands are characterized as nearly level to undulating. Land uses associated with the proposed route are predominantly agricultural with some oil and gas activities. The line route is comprised of a mixture of old fields, improved pasture, cultivated fields, and mesquite grasslands that are used for livestock production. The impact to the pasture areas will be minimized by routing the proposed line approximately parallel to an existing fence lines when possible and limiting scarification of the ROW to a minimum necessary to allow for construction of the line. The impact to the cultivated fields will be minimized by paralleling existing roads as much as possible.

Waterways.

Impacts to wetlands are anticipated to be minimal as the proposed route will span the intermittent creeks and only selective clearing of right of way at stream crossings will be undertaken to minimize erosion problems.

Cultural resources.

As described in the response to question 24 above, no recorded sites have been identified which might need further study for possible cultural resources. Should a site be discovered either prior to or during construction activities, the site will either be avoided or work will stop in the vicinity of the find, pending direction from the Texas Historical Commission.

Threatened and endangered species.

As indicated on page 4-6 of the Longworth Section and page 4-6 of the Snyder-Roby Section of the EHA Report, no federally or threatened wildlife species are expected to be adversely affected by the proposed project. No threatened, endangered, or rare endemic plant or animal species have been reported from the project area; however, species of concern that are reported to have potential occurrence (page 3-17 of the Longworth Section and page 3-21 of the Snyder-Roby Section of EHA Report in Attachment XI) in Scurry and Fisher Counties are:

- Texas Horned Lizard
- Brown Pelican
- White-faced Ibis
- American Peregrine Falcon
- Arctic peregrine falcon
- Mountain Plover
- Interior Least Tern

Due to a lack of suitable habitat, it is highly unlikely that any of the above species would be found in the project area with the exception of the Texas Horned Lizard. The impact of the construction to it would be short term in nature and not expected to be significant.

SUBSTATION QUESTIONNAIRE
(Hobbs Substation)

1. State the distance (if within 1000 feet) from the proposed substation to the nearest:

   a. Existing residence — 850 feet

   b. Residential lot — approximately 1,600 feet

   c. Other (school, business, church) — None.

2. If the proposed substation is within 1000 feet of an existing subdivision, briefly describe the subdivision. Include the approximate size of the subdivision in acres, number of and average size of the lots, and type; of development. If the proposed substation is in an urban area, describe the area immediately surrounding the substation site.

   There is one residence 850 feet south of the proposed Hobbs substation. The substation site is located in a rural area in Fisher County and is surrounded by cultivated fields and pastureland.

3. Are area residents aware of the proposed construction? __X__ Yes. _____ No.
   How were the residents notified?

   Landowners attended Open Houses conducted in Scurry County and Roby. WTU, MWEC and EHA participated as hosts for the Open Houses as described in the EHA Report on page 2-5 in the Longworth Section and page 2-5 of the Snyder-Roby Section.

   Notice of the proposed construction will be provided as indicated in the response to question 22 of this CCN application.

4. Have any area residents or property owners objected to the proposed substation? _____ Yes. __X__ No.
   If yes, please provide details.

5. Is the substation site located within the incorporated limits of a city? _____ Yes. __X__ No.
   If yes, identify city.

6. Describe the terrain in the vicinity of the proposed substation site.

   The substation is located in the corner of a cultivated field.

7. How many transformers are to be installed initially?

   One power transformer will be installed initially.

8. How many additional transformers are planned?

   No additional power transformers are planned at this time.

9. Describe what steps are being taken to alleviate the acoustical and visual impact of the substation.

The substation will be set back 500 feet south of Highway 180 on FM 611 in a field. Substation will be constructed using a low profile design.

10. Will the construction of the substation be low profile? __X__ Yes. _____ No.

11. What is the anticipated decibel level at the transformers and at the nearest adjacent property line initially and ultimately after all transformers have been installed?

Audible sound levels for the transformer shall not exceed limits specified in the National Electrical Manufacturers Association Standards Publication TR-1 for Standard Average Audible Sound Levels. The anticipated sound level of the transformer shall be less that 75 dB at the transformer. The audible sound level at the property line of the substation will not exceed 50 dB.

12. What environmental standards have been used to determine whether the noise level of the substation is acceptable? If distance is a relevant factor in the standard used, at what distance from the substation does the standard indicate that the noise level will be acceptable?

See response to Question 11 above.

13. In the event certification can not be granted for the facilities as proposed, indicate two (2) acceptable alternatives, *in order of preference, on a general highway map, showing other feasible locations for the* substation and the attendant cost of each.

Three other sites that were considered acceptable and are at corners of the intersection of FM 611 and Highway 180. These locations are indicated on Figure 2-2b of the EHA Report included in this filing as Attachment XI. The cost for each site is the same.

SUBSTATION QUESTIONNAIRE
(Longworth Substation)

1. State the distance (if within 1000 feet) from the proposed substation to the nearest:

   a. Existing residence — 1,000 feet

   b. Residential lot — approximately 1,600 feet

   c. Other (school, business, church) — None.

2. If the proposed substation is within 1000 feet of an existing subdivision, briefly describe the subdivision. Include the approximate size of the subdivision in acres, number of and average size of the lots, and type; of development. If the proposed substation is in an urban area, describe the area immediately surrounding the substation site.

   The proposed Longworth substation is not within 1000 feet of an existing subdivision and is located in a rural area in Fisher County on the edge of a cultivated field.

3. Are area residents aware of the proposed construction? __X__ Yes. _____ No.
   How were the residents notified?

   Landowners attended Open Houses conducted in Scurry County and Roby. WTU, MWEC and EHA participated as hosts for the Open Houses as described in the EHA Report on page 2-5 in the Longworth Section and page 2-5 of the Snyder-Roby Section.

   Notice of the proposed construction will be provided as indicated in the response to question 22 of this CCN application.

4. Have any area residents or property owners objected to the proposed substation? _____ Yes. __X__ No.
   If yes, please provide details.

5. Is the substation site located within the incorporated limits of a city? _____ Yes. __X__ No.
   If yes, identify city.

6. Describe the terrain in the vicinity of the proposed substation site.

   The substation is located in the corner of a cultivated field.

7. How many transformers are to be installed initially?

   One power transformer will be installed initially.

8. How many additional transformers are planned?

   No additional power transformers are planned at this time.

9. Describe what steps are being taken to alleviate the acoustical and visual impact of the substation.

The substation will be on the southeast corner of the intersection of County Road 118 and Highway 70. Substation will be constructed using a low profile design.

10. Will the construction of the substation be low profile? __X__ Yes. _____ No.

11. What is the anticipated decibel level at the transformers and at the nearest adjacent property line initially and ultimately after all transformers have been installed?

Audible sound levels for the transformer shall not exceed limits specified in the National Electrical Manufacturers Association Standards Publication TR-1 for Standard Average Audible Sound Levels. The anticipated sound level of the transformer shall be less that 75 dB at the transformer. The audible sound level at the property line of the substation will not exceed 50 dB.

12. What environmental standards have been used to determine whether the noise level of the substation is acceptable? If distance is a relevant factor in the standard used, at what distance from the substation does the standard indicate that the noise level will be acceptable?

See response to Question 11 above.

13. In the event certification can not be granted for the facilities as proposed, indicate two (2) acceptable alternatives, in order of preference, on a general highway map, showing other feasible locations for the substation and the attendant cost of each.

One other acceptable site was considered. It is indicated as Site B on page 6-7 of the Longworth Section of the EHA Report that is included as Attachment XI. The additional cost of the alternate choice is $ 20,000 due to the additional transmission line length required.

OATH

STATE OF OKLAHOMA

COUNTY OF TULSA

I, Larry M. Roberson, being duly sworn, file this application as Senior Project Manager for Central and South West Services, Inc.; that, in such capacity, I am qualified and authorized to file and verify such application, am personally familiar with the maps and exhibits filed with this application, and have complied with all the requirements contained in the application; and, that all statements made and matters set forth therein and all exhibits attached thereto are true and correct. I further state that the application is made in good faith, that notice of its filing was given to all neighboring utilities, and that this application does not duplicate any filing presently before the Commission.

Larry M. Roberson
Senior Project Manager
Central and South West Services, Inc.

SUBSCRIBED AND SWORN TO before me this the 9th day of December, 1996.

Anita C. Walker
Notary Public State of Oklahoma

LIST OF ATTACHMENTS

I.	Question 10	Letters of Consent from Midwest Electric Cooperative and Texas Utilities Electric Company.
II.	Question 13 A.	Routing and Certification map for project.
III.	Question 13 C.	Diagram of WTU's transmission system in the Roby Area.
IV.	Question 13 D.	Dimensionalized drawing the typical structure to be used.
V.	Question 22	Copy of notice to be published in the area newspapers.
VI.	Question 22	Copy of the notice and map sent to individual directly affected landowners on the route for which WTU is requesting certification
VII.	Question 22	Listing of directly affected landowners on the proposed route.
VIII.	Question 22	Copies of notice letters to Cities of Roby and Snyder and County Judges of Snyder and Scurry Counties.
IX.	Question 22	Copy of the notice and map sent to individual directly affected landowners on the alternate route.
X.	Question 22	Listing of directly affected landowners on the alternate route.
XI.	Question 13 B.	Copy of Espey, Huston and Associates report titled Environmental Assessments and Alternative Route Analyses for the Proposed Longworth and Snyder-Roby 69 kV Transmission Line projects Scurry and Fisher Counties, Texas.

Attachment I.

I.	*Question 10*	Letters of Consent from Midwest Electric Cooperative and Texas Utilities Electric Company.

WTU

WEST TEXAS UTILITIES COMPANY

P.O. BOX 841 / ABILENE, TEXAS 79604 / (915) 674-7000

January 8, 1997

Mr. Vesta Orr
General Manager
Midwest Electric Cooperative, Inc.
P.O. Box 518
Roby, Texas 79543

Dear Mr. Orr,

West Texas Utilities Company (WTU) is filing an application with the Public Utility Commission of Texas (PUCT or Commission) to amend its Certificate of Convenience and Necessity (CCN) to construct 69,000 volt transmission lines in Fisher and Scurry Counties, Texas. A copy of the maps included in WTU's filing are attached to this letter for your information.

WTU and Midwest Electric Cooperative (MWEC) have entered into an agreement for electrical power delivery at four delivery points in Fisher and Scurry Counties. One of the delivery points is MWEC's existing Plainview delivery point with TUEC. A second delivery point will be at MWEC's new SN TX substation that will be constructed east of Snyder. The third delivery point will be at a new WTU substation that will be constructed south of the intersection of Highway 180 and FM 611 south of the Hobbs Community. The fourth delivery point will be a new WTU substation northwest of the Longworth Community on the southeast corner of the intersection of Highway 70 and County Road 118. The proposed transmission line segments will provide service to the new substations and bi-directional service to the existing Plainview substation. A description of the line route for each of the three segments is provided on the enclosed page. The estimated cost of the project is $ 4,329,000.

Persons with questions about this project should contact Larry Roberson at (918) 594-4131. Persons who wish to intervene in the proceeding or comment upon action sought, should contact the Public Utility Commission of Texas, P.O. Box 13326, Austin, Texas 78711-3326, or you may call the Commission's Office of Consumer Affairs at (512) 936-7120. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the Commission at (512) 936-7136. The deadline for intervention in the proceeding is March 19, 1997 (70 days after the date the application was filed with the commission).

If you have no objections to the construction of the transmission line, please sign and return one copy of this letter to signify your notification and acceptance of the proposed facilities.

Your attention to this matter is greatly appreciated. If you need any additional information, please contact Jerry Stapp at (915) 674-7623 or Stan Krause at (918) 594-4187 or me at (915) 674-7214.

Sincerely,

Eric Blakey

Eric Blakey
Regulatory Consultant
West Texas Utilities Company

By: _____
Date: _____
Vesta Orr, General Manager
Midwest Electric Cooperative, Inc.

DESCRIPTION OF LINE ROUTES

West Texas Utilities Company (WTU) is proposing to construct three segments of 69,000 volt single pole transmission line in accordance with its contract with Midwest Electric Cooperative, Inc. (MWEC) to provide wholesale power at four delivery points for MWEC. A description of each of the three segments is as follows:

Longworth Segment:

Proposed Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the south side of County Road 118 approximately 1.5 miles north of the Longworth Community and extend west on the south side of County Road 118 for a distance of approximately 5,000 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the southeast corner of the intersection.

Alternate Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the north side of County Road 120 approximately .5 miles north of the Longworth Community and extend west on the north side of County Road 120 for a distance of approximately 6,400 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the northeast corner of the intersection.

TUEC 37th Street substation in Snyder to MWEC' SN TX substation:

Preferred Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 3,200 feet. The line will then extends approximately 5,000 feet in a east northeasterly direction to a point where it crosses Highway 208 approximately 2,000 feet south of the intersection of Highways 208 and 401. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,800 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

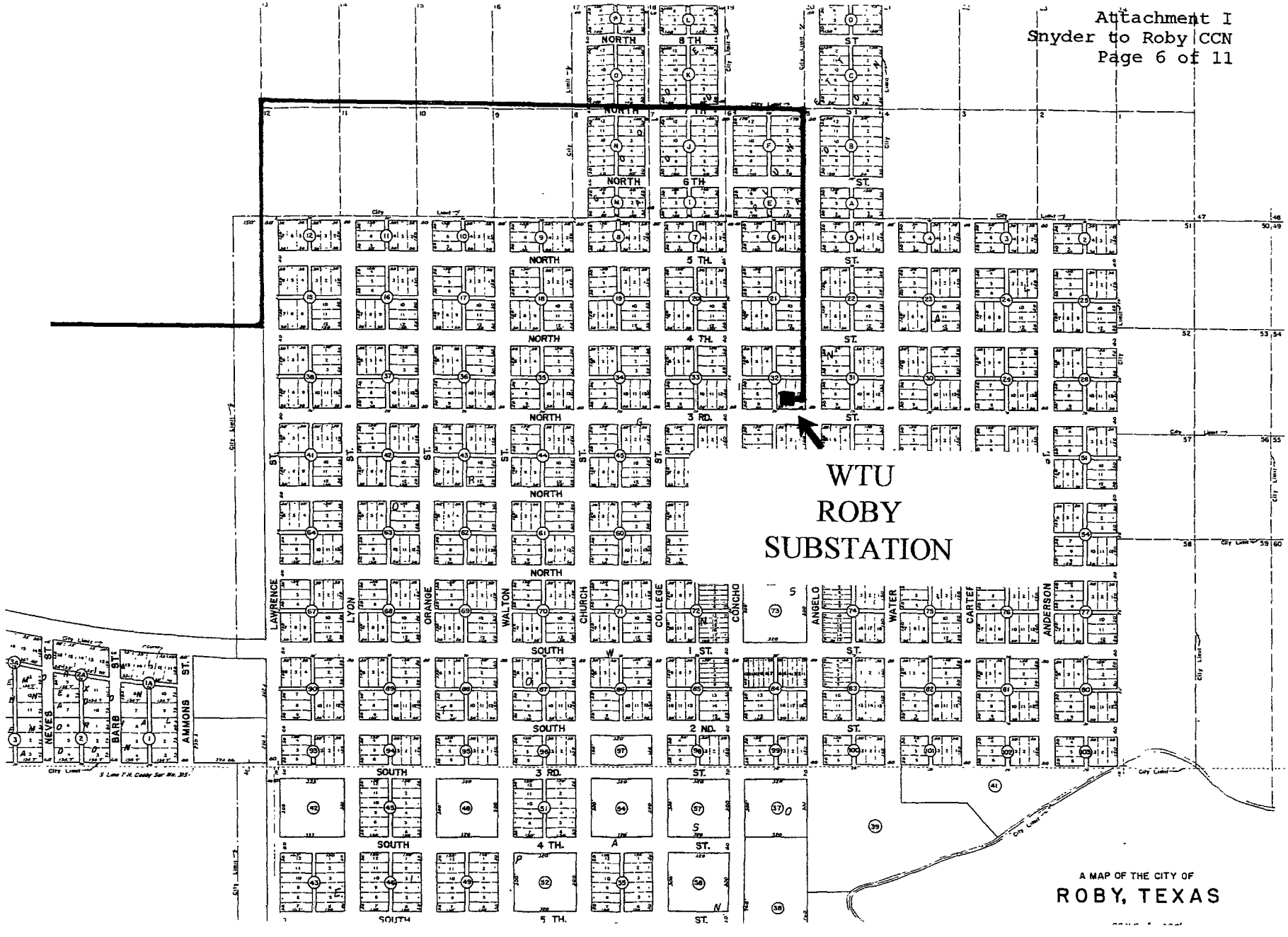
Alternate Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 1,300 feet. The line will then extends approximately 6,400 feet in a east direction to a point where it crosses Highway 208 approximately 1,000 feet south of the intersection of Highways 208 and 401. The line continues in an easterly direction for another 900 feet to a point and then turns south for approximately 800 feet. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,000 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

WTU's Roby substation to MWEC's Plainview substation:

Proposed Route : This segment will exit the east side of WTU's Roby substation located on the northwest corner of N 3rd Street and Angelo Street in Roby. The line will then extend north for approximately 1,300 feet along the west side of Angelo Street. The line will then turn west for approximately 2,800 feet and crossing Highway 70. The line will then turn south for approximately 1,100 feet to a point on the west side of the intersection of Lawrence Street and N 4th Street. The line will then turn in a westerly direction and parallel a dirt road for approximately 7,200 feet to a point where it crosses a dirt road and then the line continues in a westerly direction for another 7,000 feet as it parallels a waterway until it intersects Highway 180. The line then continues west paralleling the north right of way for 1,000 feet. The line then crosses to the south side of Highway 180 and continues for approximately 16,000 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 8,000 feet and crossing Highway 1657. The line then crosses to the south side of Highway 180 and continues for approximately 5,400 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 5,500 feet. The line then crosses to the south side of Highway 180 and continues for approximately 10,700 feet in a westerly direction to the west side of FM 611. At this point, there is an approximately 800 foot tap line to the south to the location of WTU's new Hobbs substation. The line then crosses to the north side of Highway 180 on the west side of Highway 180 and continues in a westerly direction for approximately 28,700 feet. The line then turns in a northwesterly direction and continues for approximately 5,000 feet to a point west of FM 1614 where it turns west and continues for approximately 5,800 feet. The line then turns in a northwesterly direction and continues for approximately 10,300 feet to the north side of FM 1673

(Camp Springs Road). The line turns west and parallels the north side of FM 1673 for approximately 29,500 feet to MWEC's Plainview substation located north of the Price Daniels Prison Unit on the east side of Snyder.

Alternate Route : This segment will exit the east side of WTU's Roby substation located on the northwest corner of N 3rd Street and Angelo Street in Roby. The line will then extend north for approximately 1,300 feet along the west side of Angelo Street. The line will then turn west for approximately 2,800 feet and crossing Highway 70. The line will then turn south for approximately 1,100 feet to a point on the west side of the intersection of Lawrence Street and N 4th Street. The line will then turn in a westerly direction and parallel a dirt road for approximately 7,200 feet to a point where it crosses a dirt road and then the line continues in a westerly direction for another 7,000 feet as it parallels a waterway until it intersects Highway 180. The line then continues west paralleling the north right of way for 1,000 feet. The line then crosses to the south side of Highway 180 and continues for approximately 16,000 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 8,000 feet and crossing Highway 1657. The line then crosses to the south side of Highway 180 and continues for approximately 5,400 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 5,500 feet. The line then crosses to the south side of Highway 180 and continues for approximately 10,700 feet in a westerly direction to the west side of FM 611. At this point, there is an approximately 800 foot tap line to the south to the location of WTU's new Hobbs substation. The line then crosses to the north side of Highway 180 on the west side of Highway 180 and continues in a westerly direction for approximately 30,200 feet. The line then crosses to the south side of Highway 180 and continues for approximately 2,800 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 23,800 feet to the east side of County Road 1101. The line then turns and parallels the east side of County Road 1101 for approximately 9,500 feet where it crosses to the west side of County Road 1101 and continues north for 500 feet to the north side of FM 1673 (Camp Springs Road). The line turns west and parallels the north side of FM 1673 for approximately 18,500 feet to MWEC's Plainview substation located north of the Price Daniels Prison Unit on the east side of Snyder.


WTU
ROBY
SUBSTATION
A MAP OF THE CITY OF
ROBY, TEXAS
NORTH 8 TH ST.
NORTH 7 TH ST.
NORTH 6 TH ST.
NORTH 5 TH. ST.
NORTH 4 TH. ST.
NORTH 3 RD. ST.
NORTH
SOUTH 1 ST. ST.
SOUTH 2 ND. ST.
SOUTH 3 RD. ST.
SOUTH 4 TH. A ST.
SOUTH 5 TH. ST.
LAWRENCE ST.
LYON ST.
ORANGE ST.
WALTON ST.
CHURCH ST.
COLLEGE ST.
CONCHO ST.
ANGELO ST.
WATER ST.
CARTER ST.
ANDERSON ST.
NEVES ST.
BARB ST.
AMMONS ST.
City Limit

OVERSIZED MAP(S)

TO VIEW
OVERSIZED MAP(S),
PLEASE GO TO
CENTRAL RECORDS.

(512) 936-7180

OVERSIZED MAP(S)

TO VIEW
OVERSIZED MAP(S),
PLEASE GO TO
CENTRAL RECORDS.

(512) 936-7180

WTU

WEST TEXAS UTILITIES COMPANY

P.O. BOX 841 / ABILENE, TEXAS 79604 / (915) 674-7000

January 8, 1997

Mr. Mike Seibold
Western Regional Manager
Texas Utilities Electric Company.
P.O. Box 1230
Midland, Texas 79702

Dear Mr. Seibold,

West Texas Utilities Company (WTU) is filing an application with the Public Utility Commission of Texas (PUCT or Commission) to amend its Certificate of Convenience and Necessity (CCN) to construct 69,000 volt transmission lines in Fisher and Scurry Counties, Texas. A copy of the maps included in WTU's filing are attached to this letter for your information

WTU and Midwest Electric Cooperative (MWEC) have entered into an agreement for electrical power delivery at four delivery points in Fisher and Scurry Counties. One of the delivery points is MWEC's existing Plainview delivery point with TUEC. A second delivery point will be at MWEC's new SN TX substation that will be constructed east of Snyder. The third delivery point will be at a new WTU substation that will be constructed south of the intersection of Highway 180 and FM 611 south of the Hobbs Community. The fourth delivery point will be a new WTU substation northwest of the Longworth Community on the southeast corner of the intersection of Highway 70 and County Road 118. The proposed transmission line segments will provide service to the new substations and bi-directional service to the existing Plainview substation. A description of the line route for each of the three segments is provided on the enclosed page. The estimated cost of the project is $ 4,329,000.

Persons with questions about this project should contact Larry Roberson, Project Manager at (918) 594-4131. Persons who wish to intervene in the proceeding or comment upon action sought, should contact the Public Utility Commission of Texas, P.O. Box 13326, Austin, Texas 78711-3326, or you may call the Commission's Office of Consumer Affairs at (512) 936-7120. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the Commission at (512) 936-7136. The deadline for intervention in the proceeding is March 19, 1997 (70 days after the date the application was filed with the commission).

If you have no objections to the transmission line, please sign and return one copy of this letter to signify your notification and acceptance of the proposed facilities.

Your attention to this matter is greatly appreciated. If you need any additional information, please contact Jerry Stapp at (915) 674-7623 or Stan Krause at (918) 594-4187 or me at (915) 674-7214.

Sincerely,

Eric Blakey

Eric Blakey
Regulatory Consultant
West Texas Utilities Company

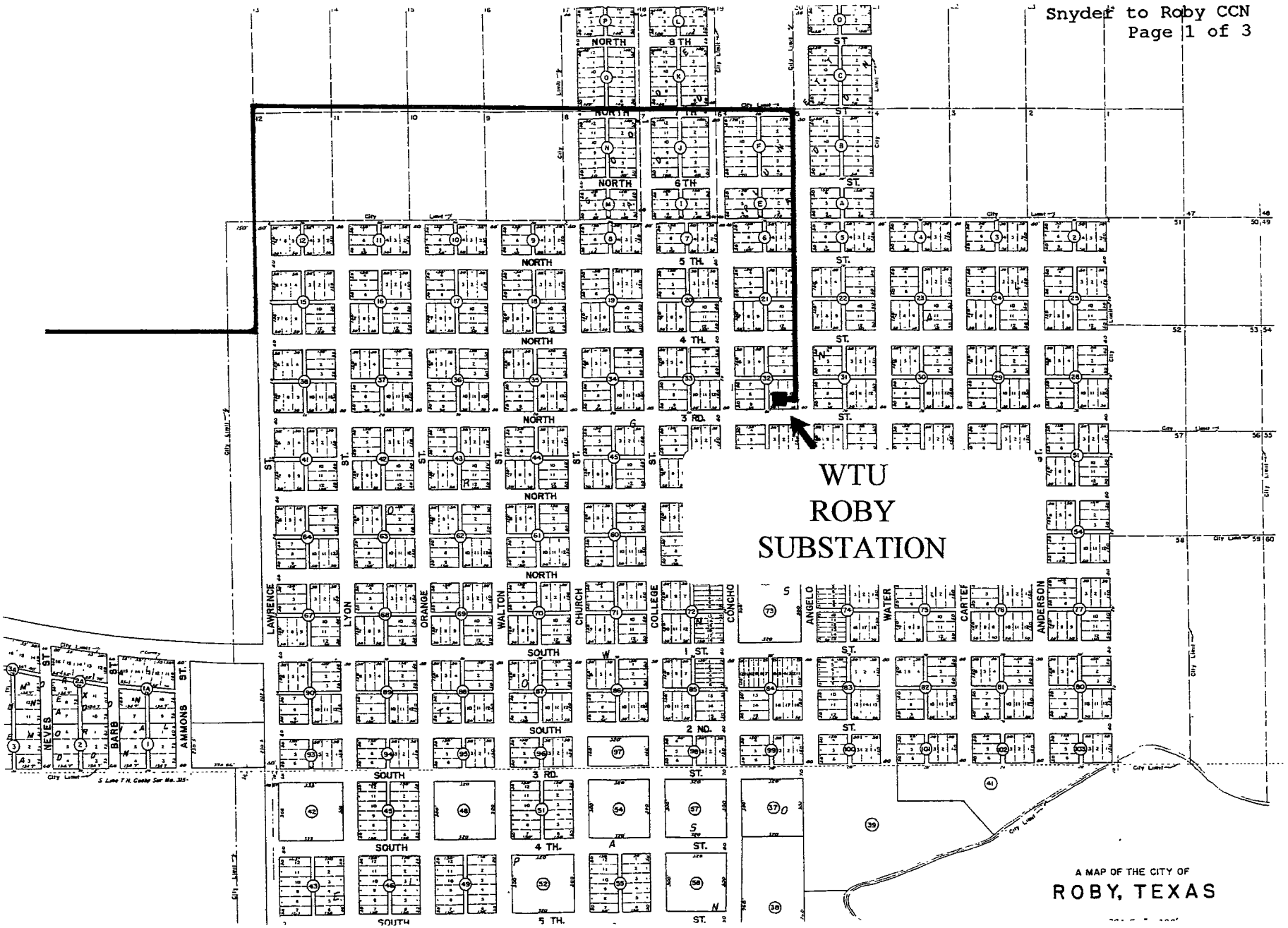
By:_____
Date: _____
Mike Seibold, Western Regional Manager
Texas Utilities Electric Company

NOTE:

SAME ATTACHMENTS PROVIDED AS PREVIOUS LETTER

Attachment II.

II. Question 13 A. Routing and Certification map for project.


WTU
ROBY
SUBSTATION
A MAP OF THE CITY OF
ROBY, TEXAS
NORTH 8 TH ST
NORTH 7 TH ST
NORTH 6 TH ST
NORTH 5 TH. ST.
NORTH 4 TH. ST.
NORTH 3 RD. ST.
NORTH
SOUTH
SOUTH 3 RD. ST.
SOUTH 4 TH. ST.
SOUTH 5 TH. ST.
1 ST.
2 ND.
LAWRENCE ST.
LYON ST.
ORANGE ST.
WALTON ST.
CHURCH ST.
COLLEGE ST.
CONCHO ST.
ANGELO ST.
WATER ST.
CARTER ST.
ANDERSON ST.
HEVES ST.
BARB ST.
AMMONS ST.
City Limit

OVERSIZED MAP(S)

TO VIEW
OVERSIZED MAP(S),
PLEASE GO TO
CENTRAL RECORDS.

(512) 936-7180

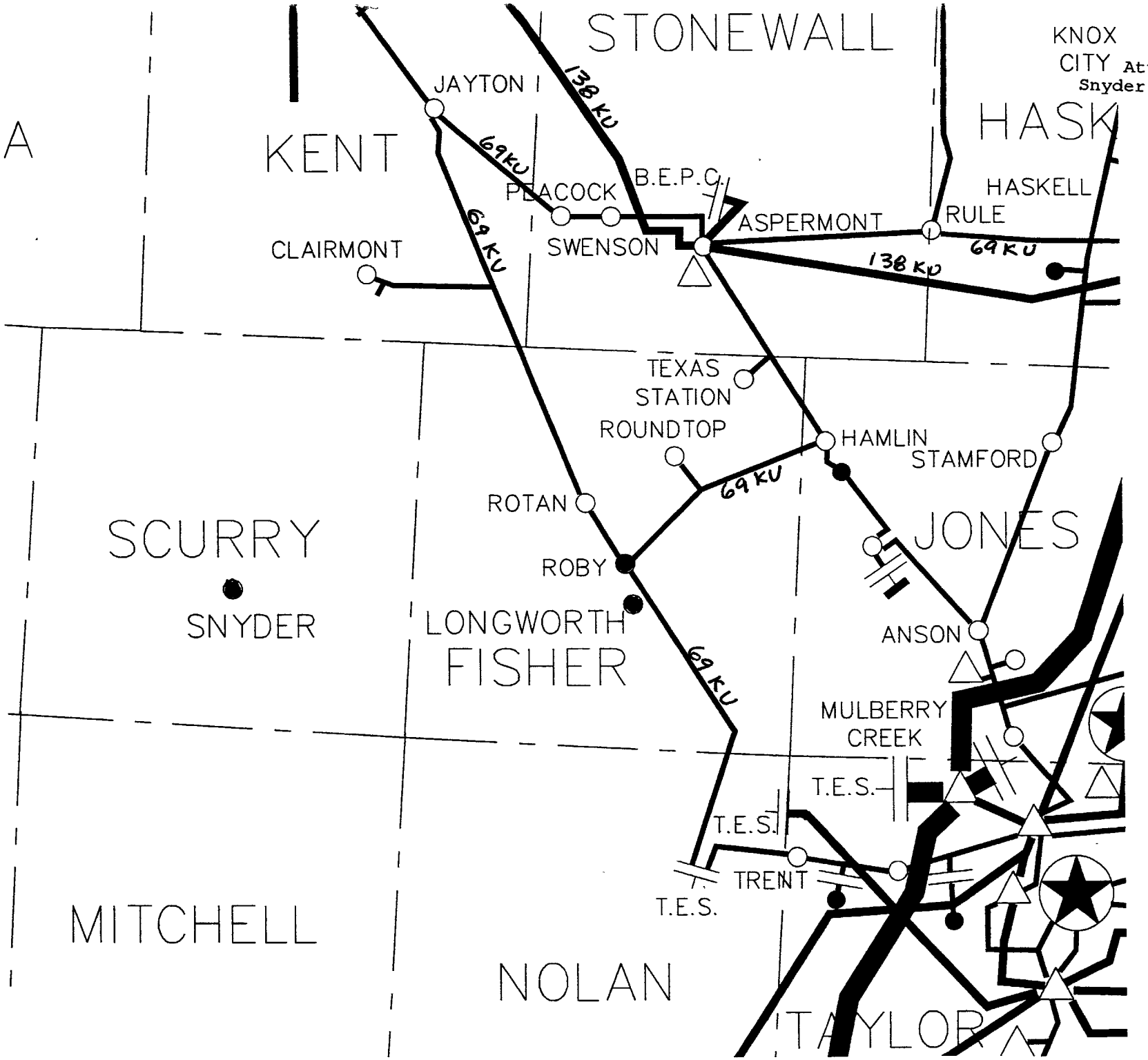
OVERSIZED MAP(S)

TO VIEW
OVERSIZED MAP(S),
PLEASE GO TO
CENTRAL RECORDS.

(512) 936-7180

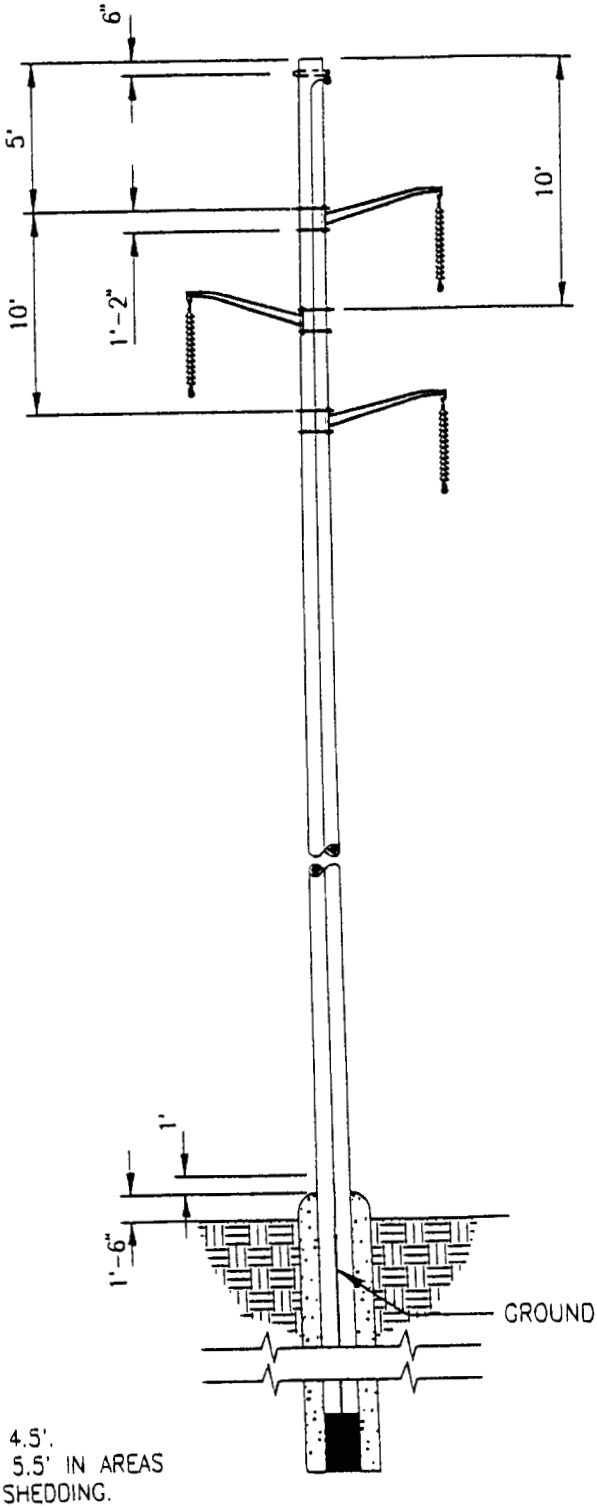
Attachment III.

III. Question 13 C. Diagram of WTU's transmission system in the Roby Area.


STONEWALL
KNOX CITY
JAYTON
138 KV
69 KV
A
KENT
HASK
PEACOCK
B.E.P.C.
HASKELL
ASPERMONT
RULE
CLAIRMONT
SWENSON
69 KV
138 KV
TEXAS STATION
ROUNDTOP
HAMLIN
STAMFORD
69 KV
ROTAN
SCURRY
JONES
ROBY
SNYDER
LONGWORTH
FISHER
ANSON
69 KV
MULBERRY CREEK
T.E.S.
T.E.S.
TRENT
T.E.S.
MITCHELL
NOLAN
TAYLOR

Attachment IV.

IV. Question 13 D. Dimensionalized drawing the typical structure to be used.



NOTE:

1. DAVIT ARM LENGTH IS 4.5'. BOTTOM DAVIT ARM IS 5.5' IN AREAS WHERE THERE IS ICE SHEDDING.
2. FOUNDATION DEPTH AND DIAMETER DETERMINED FROM GEOTECHNICAL AND LOADING DATA.

FILE: s1aaa1b1
02/07/96-15:24:14

J.P.

Central and South West Services

69 KV, 0° – 1°, STEEL DAVIT ARM

SCALE: N.T.S.	ENG. J. P.	APP. J.G.	DATE: 8-10-95	DWG. NO. C1AAA1B1	REV.

Attachment V.

V. Question 22 Copy of notice to be published in the area newspapers.

PUBLIC NOTICE

Pursuant to Public Utility Commission of Texas (PUCT or Commission) Procedural Rule 22.52(a)(1), notice is hereby given that West Texas Utilities Company (WTU) has filed an application for a Certificate of Convenience and Necessity (CCN) with the PUCT for WTU to construct facilities to provide electrical power delivery at four delivery points in Fisher and Scurry Counties to Midwest Electric Cooperative (MWEC). This will require the construction of three transmission segments. A description of the line route for each of the three segments is provided below. The estimated cost of the project is $ 4,329,000.

Persons with questions about this project should contact Eric Blakey at 915-674-7214. Persons who wish to intervene in the proceeding or comment upon action sought, should contact the Public Utility Commission of Texas, at 1701 N. Congress, P.O. Box 13326, Austin, Texas 78711-3326, or call the Public Utility Commission Public Information Office at 512-936-7140 or 512-936-7136 for the text telephone. The deadline for intervention in the proceeding is March 19, 1997, (70 days after the date the application was filed with the commission), and a letter requesting intervention should be received by the commission by that date.

This application is filed in accordance with Sections 2.251, 2.252(a), and 2.255(a)-(c) of the Public Utility Regulatory Act (PURA) and the PUCT Substantive Rule (PUCT SUB R.) 23.31(c)(1).

DESCRIPTION OF LINE ROUTES

Longworth Segment:

Proposed Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the south side of County Road 118 approximately 1.5 miles north of the Longworth Community and extend west on the south side of County Road 118 for a distance of approximately 5,000 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the southeast corner of the intersection.

Alternate Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the north side of County Road 120 approximately .5 miles north of the Longworth Community and extend west on the north side of County Road 120 for a distance of approximately 6,400 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the northeast corner of the intersection.

TUEC 37th Street substation in Snyder to MWEC' SN TX substation:

Preferred Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 3,200 feet. The line will then extends approximately 5,000 feet in a east northeasterly direction to a point where it crosses Highway 208 approximately 2,000 feet south of the intersection of Highways 208 and 401. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,800 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn

north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

Alternate Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 1,300 feet. The line will then extends approximately 6,400 feet in a east direction to a point where it crosses Highway 208 approximately 1,000 feet south of the intersection of Highways 208 and 401. The line continues in an easterly direction for another 900 feet to a point and then turns south for approximately 800 feet. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,000 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

WTU's Roby substation to MWEC's Plainview substation:

Proposed Route : This segment will exit the east side of WTU's Roby substation located on the northwest corner of N 3rd Street and Angelo Street in Roby. The line will then extend north for approximately 1,300 feet along the west side of Angelo Street. The line will then turn west for approximately 2,800 feet and crossing Highway 70. The line will then turn south for approximately 1,100 feet to a point on the west side of the intersection of Lawrence Street and N 4th Street. The line will then turn in a westerly direction and parallel a dirt road for approximately 7,200 feet to a point where it crosses a dirt road and then the line continues in a westerly direction for another 7,000 feet as it parallels a waterway until it intersects Highway 180. The line then continues west paralleling the north right of way for 1,000 feet. The line then crosses to the south side of Highway 180 and continues for approximately 16,000 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 8,000 feet and crossing Highway 1657. The line then crosses to the south side of Highway 180 and continues for approximately 5,400 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 5,500 feet. The line then crosses to the south side of Highway 180 and continues for approximately 10,700 feet in a westerly direction to the west side of FM 611. At this point, there is an approximately 800 foot tap line to the south to the location of WTU's new Hobbs substation. The line then crosses to the north side of Highway 180 on the west side of Highway 180 and continues in a westerly direction for approximately 28,700 feet. The line then turns in a northwesterly direction and continues for approximately 5,000 feet to a point west of FM 1614 where it turns west and continues for approximately 5,800 feet. The line then turns in a northwesterly direction and continues for approximately 10,300 feet to the north side of FM 1673 (Camp Springs Road). The line turns west and parallels the north side of FM 1673 for approximately 29,500 feet to MWEC's Plainview substation located north of the Price Daniels Prison Unit on the east side of Snyder.

Alternate Route : This segment will exit the east side of WTU's Roby substation located on the northwest corner of N 3rd Street and Angelo Street in Roby. The line will then extend north for approximately 1,300 feet along the west side of Angelo Street. The line will then turn west for approximately 2,800 feet and crossing Highway 70. The line will then turn south for approximately 1,100 feet to a point on the west side of the intersection of Lawrence Street and N 4th Street. The line will then turn in a westerly direction and parallel a dirt road for approximately 7,200 feet to a point where it crosses a dirt road and then the line continues in a westerly direction for another 7,000 feet as it parallels a waterway until it intersects Highway 180. The line then continues west paralleling the north right of way for 1,000 feet. The line then crosses to the south side of Highway 180 and continues for approximately 16,000 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 8,000 feet and crossing Highway 1657. The line then crosses to the south side of Highway 180 and continues for approximately 5,400 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 5,500 feet. The line then crosses to the south side of Highway 180 and continues for approximately 10,700 feet in a westerly direction to the west side of FM 611. At this point, there is an approximately 800 foot tap line to the south to the location of WTU's new Hobbs substation. The line then crosses to the north side of Highway 180 on the west side of Highway 180 and continues in a westerly direction for approximately 30,200 feet. The line then crosses to the south side of Highway 180 and continues for approximately 2,800 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 23,800 feet to the east side of County Road 1101. The line then turns and parallels the east side of County Road 1101 for approximately 9,500 feet where it crosses to the west side of County Road 1101 and continues north for 500 feet to the north side of FM 1673 (Camp Springs Road). The line turns west and parallels the north side of FM 1673 for approximately 18,500 feet to MWEC's Plainview substation located north of the Price Daniels Prison Unit on the east side of Snyder.

Attachment VI.

VI.	Question 22	Copy of the notice and map sent to individual directly affected landowners on the route for which WTU is requesting certification

WTU
WEST TEXAS UTILITIES COMPANY
P.O. BOX 841 / ABILENE, TEXAS 79604 / (915) 674-7000

January 8, 1997

J. W. Warren
491 C.R. 304
Roby, TX 79543

Dear Mr. Warren,

West Texas Utilities Company (WTU or Company) has filed an application with the Public Utility Commission of Texas (PUCT or Commission) to construct 69,000 volt transmission lines in Fisher and Scurry Counties, Texas. PUCT rules require WTU to notify you of this application, and to provide you the following statement: **"Your land may be directly affected in this proceeding. If the preferred route or one of the alternative routes requested under the certificate is approved by the Public Utility Commission of Texas, the utility will have the right to build the facility which may directly affect your land. This proceeding will not determine the value of your land or the value of an easement if one is needed by the utility to build the facility. If you have questions about this project, you should contact Eric Blakey, Regulatory Consultant, at 915-674-7214. If you wish to participate in this proceeding by becoming a party or to comment upon action sought, you should contact the Public Utility Commission of Texas, P.O. Box 13326, Austin, Texas 78711-3326, or call the Public Utility Commission Public Information Office at (512) 936-7140 or (512) 936-7136 for the text telephone. If you wish to participate in this proceeding by becoming a party, the deadline for intervention in the proceeding is March 19, 1997, and you must send a letter requesting intervention to the Commission which is received by that date."**

This new transmission line is necessary for WTU to deliver power to Midwest Electric Cooperative (MWEC) at four locations in Fisher and Scurry Counties. After a thorough analysis of the optional routes available, WTU has proposed its "prefered" route for the PUCT's consideration. Under this proposal, WTU would construct approximately 31.6 miles of new transmission line to serve MWEC. Your land would be directly affected by this preferred route.

For purposes of this notice, land is directly affected if an easement would be obtained over all or any portion of it, or if it contains a habitable structure within 200 feet of the proposed facility.

WTU has also provided information about "alternative" routes for the PUCT's consideration. A description of both the proposed and alternative line routes for each of the three segments, as well as a copy of the maps that were filed with the Company's application at the PUCT, are enclosed within. The estimated cost of the project is $4,329,000.

WTU and its agents will be contacting affected landowners in the near future to acquire the necessary easements for the proposed line and substations. If you have any questions about the proposed application or need additional information, please contact me at (915) 674-7214.

Sincerely,

Eric Blakey

Eric Blakey
Regulatory Consultant
West Texas Utilities Company

DESCRIPTION OF LINE ROUTES

West Texas Utilities Company (WTU) is proposing to construct three segments of 69,000 volt single pole transmission line in accordance with its contract with Midwest Electric Cooperative, Inc. (MWEC) to provide wholesale power at four delivery points for MWEC. A description of each of the three segments is as follows:

Longworth Segment:

Proposed Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the south side of County Road 118 approximately 1.5 miles north of the Longworth Community and extend west on the south side of County Road 118 for a distance of approximately 5,000 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the southeast corner of the intersection.

Alternate Route : This segment will tap WTU's existing Roby to Eskota 69,000 volt transmission line on the north side of County Road 120 approximately .5 miles north of the Longworth Community and extend west on the north side of County Road 120 for a distance of approximately 6,400 feet to the intersection with Highway 70 to WTU's new Longworth substation that will be located on the northeast corner of the intersection.

TUEC 37th Street substation in Snyder to MWEC' SN TX substation:

Preferred Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 3,200 feet. The line will then extends approximately 5,000 feet in a east northeasterly direction to a point where it crosses Highway 208 approximately 2,000 feet south of the intersection of Highways 208 and 401. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,800 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

Alternate Route : This segment will exit Texas Utilities Electric Company's (TUEC) substation located on the south side of 37th Street and west of Ave E in the south part of Snyder, Texas. The proposed line will extend south from the substation on the west side of Avenue E for a distance of approximately 1,200 feet paralleling TUEC's existing 69,000 volt transmission line. The proposed line will then turn southeast and parallel the north side of the Roscoe Snyder and Pacific Railway railroad right of way for approximately 1,300 feet. The line will then extends approximately 6,400 feet in a east direction to a point where it crosses Highway 208 approximately 1,000 feet south of the intersection of Highways 208 and 401. The line continues in an easterly direction for another 900 feet to a point and then turns south for approximately 800 feet. The line then extends in a northeasterly direction along a low water drainage area on the edge of cultivated fields for approximately 5,000 feet to a point about 150 feet south of Highway 180. In this section, the line will cross Highways 84 and 401 and the AT&SF railroad. The line will then turn north for approximately 2,900 feet crossing Highway 180 and paralleling the east boundary of the SN TX Industrial Park. The line will then turn east for approximately 500 feet on the south edge of the SN TX Industrial Park to the Midwest Electric Cooperative SN TX substation.

WTU's Roby substation to MWEC's Plainview substation:

Proposed Route : This segment will exit the east side of WTU's Roby substation located on the northwest corner of N 3rd Street and Angelo Street in Roby. The line will then extend north for approximately 1,300 feet along the west side of Angelo Street. The line will then turn west for approximately 2,800 feet and crossing Highway 70. The line will then turn south for approximately 1,100 feet to a point on the west side of the intersection of Lawrence Street and N 4th Street. The line will then turn in a westerly direction and parallel a dirt road for approximately 7,200 feet to a point where it crosses a dirt road and then the line continues in a westerly direction for another 7,000 feet as it parallels a waterway until it intersects Highway 180. The line then continues west paralleling the north right of way for 1,000 feet. The line then crosses to the south side of Highway 180 and continues for approximately 16,000 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 8,000 feet and crossing Highway 1657. The line then crosses to the south side of Highway 180 and continues for approximately 5,400 feet in a westerly direction. The line then crosses to the north side of Highway 180 and continues in a westerly direction for approximately 5,500 feet. The line then crosses to the south side of Highway 180 and continues for approximately 10,700 feet in a westerly direction to the west side of FM 611. At this point, there is an approximately 800 foot tap line to the south to the location of WTU's new Hobbs substation. The line then crosses to the north side of Highway 180 on the west side of Highway 180 and continues in a westerly direction for approximately 28,700 feet. The line then turns in a northwesterly direction and continues for approximately 5,000 feet to a point west of FM 1614 where it turns west and continues for approximately 5,800 feet. The line then turns in a northwesterly direction and continues for approximately 10,300 feet to the north side of FM 1673