

OVERSIZED MAP(S)

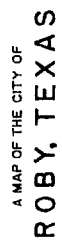
**TO VIEW
OVERSIZED MAP(S),
PLEASE GO TO
CENTRAL RECORDS.**

(512) 936-7180

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(512) 936-7180



Attachment X.

X. Question 22 Listing of directly affected landowners on the alternate route.

Scurry County-Fisher County Alternate Route Landowner List

06-Dec-96

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
1001	Carole Haynes		H&TC- BLK 3 - Section 56	No
	P.O. Box 82 Hermleigh	TX	79526 Scurry County	
1002	Jacquelyn Chorn		H&TC- BLK 3 - Section 56	No
	4068 CR 481 Snyder	TX	79549 Scurry County	
1003	Doris M. Chorn		H&TC- BLK 3 - Section 56	No
	2213 91st St Lubbock	TX	79423 Scurry County	
1004	Tom H. Chorn Trust c/o Caroline Chorn, Trustee Box 82 Hermleigh		H&TC- BLK 3 - Section 56	No
	79526 Scurry County	TX		
1005	Mrs. G. E. Chorn		H&TC- BLK 3 - Section 56	No
	4068 CR 481 Snyder	TX	79549 Scurry County	
1006	Granville E. Chorn		H&TC- BLK 3 - Section 56	No
	409 Kolleen Ct Los Alamos	NM	87544 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
1007	Joseph E. Brown Trust c/o Bonnie Brown 5346 CR 4186 Colorado City	H&TC- BLK 3 - W/2 in Section 22	No
1008	Bonnie Brown	TX 79512 Scurry County H&TC- BLK 3 - W/2 in Section 22	No
1010	5346 CR 4186 Colorado City Golda L. Foster	TX 79512 Scurry County H&TC- BLK 3 - NW/4 in Section 55	No
1011	10039 CR 4105 Hermleigh Joe Tiner c/o Lewis Tiner Rt 2 Box 758 Eastland	TX 79526 Scurry County H&TC- BLK 3 - W260 AC of E367.23 Ac-Section 55	No
1013	Edna Tiner Turner c/o Lewis Tiner 7028 Battle Creek Rd. Fort Worth	TX 76448 Scurry County H&TC- BLK 3 - W 260 AC - Section 55	No
1014	Eldon Perry Estate	TX 76116 Scurry County H&TC- BLK 3 - SW/4 in Section 23	No
1015	4500 El Paso ST. Snyder Ruby Hall (Life Estate)	TX 79549 Scurry County H&TC- BLK 3 - SE/4 in Section 23	No
	3303 Ave A Snyder	TX 79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
1016	Ben Michael Gafford		H&TC- BLK 3 - S/2 in Section 20	No
	1544 Pinehearst Orangeburg	SC	29115 Scurry County	
1017	Brice Fuqua		H&TC- BLK 3 - SE/4 in Section 23	No
	1848 CR 1101 Hermleigh	TX	79526 Scurry County	
1018	Brent and Lou Wayne McQuirk		H&TC- BLK 3 - Section 54	No
	8167 E Hwy 180 Hermleigh	TX	79526 Scurry County	
1019	Foy Dwaine Williams		H&TC- BLK 3 - N/2 of SW/4 of Section 25 and W/2 in Section 24	No
	9170 E Hwy 180 Hermleigh	TX	79526 Scurry County	
1020	Raymond and Cheryl Beeks		H&TC- BLK 3 - SE/4 in Section 24	No
	P.O. Box 224 Hermleigh	TX	79526 Scurry County	
1021	Jane Ramey		H&TC- BLK 3 - Part of SE/4 in Section 24	No
	9560 E Hwy 180 Hermleigh	TX	79526 Scurry County	
1022	Walter Boren c/o Mildred Sentell 2612 32nd St Snyder		H&TC- BLK 3 - Section 52 and 53	No
		TX	79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
1023	Dennis A. and Debbie I. Atkinson	H&TC- BLK 3 - SE/4 in Section 25	No
	Rt 3 Box 372		
	Big Spring	TX 79720 Scurry County	
1024	Mrs. L. B. White c/o Albert W. Presley 3105 Crockett Ave.	H&TC- BLK 3 - NE/4 and E/2 of NW/4-Section 52	No
	Snyder	TX 79549 Scurry County	
1025	Mildred Wood	H&TC- BLK 3 - Section 52 and 53	No
	803 North 7th St. Lamesa	TX 79331 Scurry County	
1026	Charles H. Henderson Estate	H&TC- BLK 3 - E/2 in Section 26	No
	11398 E Hwy 180 Hermleigh	TX 79526 Scurry County	
1027	J. R. Plant Jr.	H&TC- BLK 3 - NE/4 in Section 51	No
	Box 262 Paducah	TX 79248 Scurry County	
1028	Swanson Aucutt	H&TC- BLK 3 - NW/4 in Section 51	No
	11461 E Hwy 180 Hermleigh	TX 79526 Scurry County	
1029	John Irvine	H&TC- BLK 3 - SW/4 in Section 27	No
	Rt 1 Box 181A Hermleigh	TX 79526 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
1030	H. G. Gafford Jr.	H&TC- BLK 3 - S/2 in Section 20	No
1031	3961 E Hwy 180 Snyder Lynn Bavousett	TX 79549 Scurry County H&TC- BLK 3 - SE/C of SE/4 in Section 27	No
1032	P.O. Box 184 Donna Howard Gordon	TX 78537 Scurry County H&TC- BLK 3 - NW/4 in Section 50	No
1033	12469 E Hwy 180 Hermleigh Barton C. Willingham	TX 79526 Scurry County H&TC- BLK 3 - NW/4 in Section 50	No
1034	14427 E Hwy 180 Hermleigh Willingham Land & Cattle Co. c/o Barton C. Willingham 11427 E Hwy 180 Hermleigh	TX 79526 Scurry County H&TC- BLK 3 - NW/4 in Section 50	No
1035	Wellborn K. Willingham	TX 79526 Scurry County H&TC- BLK 3 - NE/4 in Section 50	No
1036	1605 56th St. Lubbock James R. and Rosemary D. Ratliff	TX 79412 Scurry County H&TC- BLK 3 - S/2 in Section 28	No
	810 East Lee Rotan	TX 79546 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	TX	Legal Description	Preferred Route
1038	Jennifer Calley & Angela Kahn		H&TC- BLK 3 - W/2 in Section 49	No
	5299 S Hwy 208 Snyder	TX	Scurry County	
1039	F. E. and Jimidene Tutt		H&TC- BLK 3 - NE/C of NE/4 in Section 49	No
	13525 E Hwy 180 Hermleigh	TX	Scurry County	
1046	Max Stuart		T.H. Cosby	No
	P.O. Box 36 Roby	TX	Fisher County	
1066	T. W. Cooper		H&TC- BLK 2 - Section 20	No
	923 NE Ave F. Andrews	TX	Fisher County	
1067	Nell Jenkins c/o Donald Pierson		H&TC- BLK 2 - Section 20	No
	1320 S University Dr. #808 Ft. Worth	TX	Fisher County	
1068	James Ellis c/o Richard Arens		H&TC- BLK 2 - Section 20	No
	2001 Kirby Dr. #133 Houston	TX	Fisher County	
1069	Ray & Betty Courtney		H&TC - BLK 3 - SE/4 in Section 27	No
	12524 E. Hwy 180 Hermleigh	TX	Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
1070	Rodger & Doris Blackard	H&TC - BLK 3 - SE/4 in Section 22	No
1071	6738 Pleasant Hill Road		
	Snyder	TX 79549 Scurry County	
	Edrie Tiner Buchanan	H&TC - BLK 3 - Section 55	No
	Lewis Tiner		
1072	Rt 2, Box 758		
	Eastland	TX 76448 Scurry County	
	Myron Fenton	H&TC - BLK 3 - SW/C of SW/4 in Section 28	No
1074	2310 College Ave.		
	Snyder	TX 79549 Scurry County	
	Weldon Perry	H&TC - BLK 3 - SW/4 in Section 21	No
1075	6118 E. Hwy 180		
	Snyder	TX 79549 Scurry County	
	Texas Department of Transportation	H&TC - BLK 3 - Part of Section 53	No
1078	Maurine Wylie	Scurry County	
		H&TC - BLK 3 - NE/4 - Section 57	No
	1311 23rd Street		
1090	Snyder	TX 79549 Scurry County	
	Joe Eicke	H&TC - BLK 3-SE/4 in Section 21	No
	c/o Eddie Eicke		
	11888 CR 1202		
	Snyder	TX 79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
1091	Virginia Hefner		H&TC- BLK 3 - E/2 of Section 45	No
	1001 Lou Ave Sweetwater	TX	79556 Fisher County	
1092	John Zalman Jr.		H&TC- BLK 3 - Part of SW/4 in Section 23	No
	8126 E. Hwy 180 Hermleigh	TX	79526 Scurry County	
1095	Richard Melton		TH Cosby Tract 315	No
	225 Avenida Deleon Abilene	TX	79602 Fisher County	
1096	Midwest Electric Coop		TH Cosby - Part of Tract 2A & 3A	No
	P.O. Box 1600 Rowlett	TX	75088 Scurry County	
11008	Charles Webb		Gillespie - Section 38 - Tract 318 - A- 29	No
	Rt 1 Box 205 Roby	TX	79543 Fisher County	
11009	Jack Smith		Gillespie-Section 36-Tract 318-A-29	No
	Rt 1 Box 50 Roby	TX	79543 Fisher County	
11010	Steven Moore		Gillespie-Section 37-Tract 318-A-29	No
	Rt 2 Box 64 Roscoe	TX	79545 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
11011	Lynda Laurie	Gillespie-Section 38-Tract 318-A-29	No
	P.O. Box 399 Roby	TX 79543 Fisher County	
11012	R. J. Schroedter	Gillespie-Section 45-Tract 318-A-29	No
	P.O. Box 38 Roby	TX 79543 Fisher County	
11013	Marlyn White	Gillespie-Section 38-Tract 318-A-29	No
	2124 70th St. Lubbock	TX 79412 Fisher County	
11014	Cindy Eakin	Gillespie-Section 38-Tract 318-A-29	No
	3733 Cresthaven Terrace Ft. Worth	TX 76107 Fisher County	
11015	Lynda Heatly	Gillespie-Section 39-Tract 318-A-29	No
	P.O. Box 932 Albany	TX 76430 Fisher County	
11016	Kay Meixner	Gillespie-Section 39-Tract 318-A-29	No
	1225 Oak Drive Keller	TX 76248 Fisher County	
11017	Joseph L. Hamm	Gillespie-Section 43-Tract 318-A-29	No
	P.O. Box 394 Roby	TX 79543 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
11018	B. C. Killingsworth	Gillespie-Section 43-Tract 318-A-29	No
	Rt 1 Box 34 Roby	TX 79543 Fisher County	
11019	Terry Coker	Gillespie-Section 43-Tract 318-A-29	No
	Rt 1 Box 99 Roby	TX 79543 Fisher County	
11020	Jimmy Reed	Gillespie-Section 44-Tract 318-A-29	No
	Rt 1 Box 52 Roby	TX 79543 Fisher County	
11021	W. P. Schubert	Gillespie-Section 42-Tract 318-A-29	No
	261 County Road 120 Roby	TX 79543 Fisher County	
12000	Huana Birdwell Glass		No
	2212 S Memorial Ct Pasadena	TX 77502	
12001	Mary Clark Doak Mary Hooks 9113 Bonny Brook San Antonio	TX 78239	No
12002	Green Bros		No
	2409 31st Street Snyder	TX 79549	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
12003	Eddie Don Floyd		No
	4513 Garwood Snyder	TX 79459	
12004	Mary O. Rossen		No
	1711 Purdue Big Spring	TX 79720	
12005	Bill Tankersley		No
	1828 County road 132 Snyder	TX 79549	
12006	B. O. Graham		No
	2510 45th Street Lubbock	TX 79413	
12007	J. B. Burney		No
	2978 FM 1607 Snyder	TX 79549	
12008	Milton Wall		No
	5024 Longhorn Lane Snyder	TX 79549	
13003	Richard Melton	TH Cosby Tract 315	No
	225 Avenida Deleon Abilene	TX 79602 Fisher County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
14000	Bill Estep		H&TC - BLK 3 - Part of NE/4 of Section 16	No
	8551 Camp Spring Road Snyder	TX	79549 Scurry County	
14001	David Higgins		H&TC - BLK 3 - Out of the NE/4 of Section 16	No
	8753 Camp Spring Road Snyder	TX	79549 Scurry County	
14002	Danny & Debbie Collier		H&TC - BLK 3 - SW/4 of Section 16	No
	4600 El Paso Ave Snyder	TX	79549 Scurry County	
14003	Dale Stuard		H&TC - BLK 3 - South part of SW/4 in Section 16	No
	875 C.R. 1101 Hermleigh	TX	79526 Scurry County	
14004	Doris Driscoll and Ruth McJimsey c/o Ann M. Yarbrough 5140 N. 37th Street Arlington	VA	22207 Scurry County	No
14005	Ona May Spence		H&TC - BLK 3 - NE/4 of Section 16	No
	2702 33rd Street Snyder	TX	79549 Scurry County	
14006	Jimmie and Roby Callaway		H&TC - BLK 3 - North part of SW/4 in Section 16	No
	719 C.R. 1101 Hermleigh	TX	79526 Scurry County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
14007	B. H. Stahl		H&TC - BLK 3 - SE/4 of Section 16	No
	1020 C.R. 1101 Hermleigh	TX	79526 Scurry County	
14008	John W. Jordon		H&TC - BLK 3 - NE/4 of Section 16	No
	66 C.R. 1101 Hermleigh	TX	79526 Scurry County	
14009	Frankie Wall		H&TC - BLK 3 - NW/4 of Section 16	No
	3600 Hill Ave. Snyder	TX	79549 Scurry County	
14010	Ruby Hall Estate		H&TC - BLK 3 - SE/4 of Section 23	No
	3303 Avenue A Snyder	TX	79549 Scurry County	
14011	Eldon Perry Estate		H&TC - BLK 3 - SW/4 of Section 23	No
	4500 El Paso Street Snyder	TX	79549 Scurry County	
14012	Bert Stahl		H&TC - BLK 3 - NE/4 of Section 23	No
	1020 C.R. 1101 Hermleigh	TX	79549 Scurry County	
14013	J. K. Spence		H&TC - BLK 3 - NE/4 of Section 16	No
	P.O. Box 1157 Snyder	TX	79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
14014	Billy John and Marie Voss		H&TC- BLK 2 - W/2 of SE/4 in Section 83	No
	1500 Voss Lane Snyder	TX	79549 Scurry County	
2000	Helen Noles		H&TC- BLK 3 - Section 44	No
	Rt 2 Box 16 Roby	TX	79543 Fisher County	
2016	Genia Arnwine		H&TC - BLK 2 - Section 29	No
	252 F.M. 2832 Roby	TX	79543 Fisher County	
2024	Orville Taylor		H&TC- BLK 3 - S/2 in Section 13	No
	3401 Jacksboro Ave Snyder	TX	79549 Scurry County	
2025	Sam Houston		H&TC- BLK 3 - NE/4 in Section 13	No
	3601 Ave A Snyder	TX	79549 Scurry County	
2026	Dan and Carla Guinn Bavousett		H&TC- BLK 3 - East 40 ac of S/2 in Section 12 and W/2 of SW/4 in Section 11	No
	810 S FM 1614 Hermleigh	TX	79526 Scurry County	
2027	Scott M. Bavousett		H&TC- BLK 3 - West 200 ac of S/2 in Section 12	No
	3006 41st St Snyder	TX	79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2030	S.A. Willingham Trust c/o Andrew Willingham 16145 Parish Hall St. Big Spring	H&TC- BLK 3 - W/2 of Section 44	No
2031	Clay Helms	TX 777379 Fisher County	No
2032	Rt 2 Box 6 C Rotan Billy J. Hundall c/o W. M. Wall 3600 Hill Snyder	TX 79546 Fisher County	No
2033	Florence T. Wiley	H&TC- BLK 3 - NE/C of NE/4 in Section 29	No
2034	P.O. Box 426 Roby Irene Etheredge	TX 79549 Scurry County	No
2035	Rt 2 Box 47 Rotan Juanita Lee Cochran	TX 79543 Fisher County	No
2036	Rt 1 Box 118 Hermleigh Jerry Wayne Cochran	H&TC- BLK 3 - Section 30	No
	6715 Blake Ave Arlington	TX 79526 Fisher County	No
		TX 76017 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2037	Raymond Hefner Estate c/o Virginia Hefner 1001 Lou Ave Sweetwater	H&TC- BLK 3 - W/2 of Section 45	No
2038	Louie Hayes	TX 79556 Fisher County	No
2039	Rt 2 Box 52 Rotan	TX 79546 Fisher County	No
2040	Gary Nettleton	H&TC- BLK 3 - SW/C of NW/4 in Section 35	No
2041	Rt 1 Box 1059 Rotan	TX 79546 Fisher County	No
2042	Mrs. John A. Matthies	H&TC- BLK 3 - NW/4 of Section 42	No
2043	Rt 1 Box 160 Roby	TX 79543 Fisher County	No
2044	Vera Weems c/o Milton Vaughan P.O. Box 502 Goldwaite	H&TC- BLK 3 - S/2 of NW/4 and SW/4 in Section 36	No
2045	Donald Hull	TX 76844 Fisher County	No
2046	Rt 1 Box 1062 Rotan	H&TC- BLK 3 - SE/4 in Section 36	No
2047	R & G Farms	TX 79546 Fisher County	No
2048	Rt 1 Box 209 Roby	H&TC- BLK 3 - W/2 in Section 41	No
2049		TX 79543 Fisher County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
2044	David Hudnall		H&TC- BLK 3 - NE/4 in Section 41	No
	Rt 2 Box 19 Rotan	TX 79546	Fisher County	
2045	Jimidene K. Tutt		H&TC- BLK 3 - SW/4 in Section 37	No
	5423 Manor Dr Sugarland	TX 77479	Fisher County	
2046	S. K. Hawkins		H&TC- BLK 3 - E/2 in Section 37 less in NE/C	No
	4641 Country Crk Dr. #1085 Dallas	TX 75236	Fisher County	
2047	Glen Noles Trustee		H&TC- BLK 3 - N/2 of Section 40	No
	4415 Tanforan Midland	TX 79707	Fisher County	
2048	Peggy Diamond		H&TC- BLK 3 - Tract in SW/4 of Section 38	No
	311 Hillside Gainesville	TX 76420	Fisher County	
2049	Martin and Jerelene Palmer		H&TC- BLK 3 - Mid part of S/2 in Section 38	No
	P.O. Box 116 Roby	TX 79543	Fisher County	
2050	Lazaro Miranda		H&TC- BLK 3 - Out of SE/4 in Section 38	No
	Rt 1 Box 1063 Rotan	TX 79546	Fisher County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
2051	Normer Upshaw		H&TC- BLK 3 - NW/4 of Section 39	No
	1020 Peel Rd Springtown	TX	76082 Fisher County	
2052	Garland Upshaw		H&TC- BLK 3 - NW/4 of Section 39	No
	Rt 1 Box D9 Rotan	TX	79546 Fisher County	
2053	W. R. Upshaw		H&TC- BLK 3 - NW/4 of Section 39	No
	4971 N Hwy #208 #51B Colorado City	TX	79512 Fisher County	
2054	Mabel Warren		H&TC- BLK 3 - NE/4 of Section 39	No
	Rt 1 Box 1065 Rotan	TX	79546 Fisher County	
2055	Anson B. Martin Farms		H&TC- BLK 2 - NW/4 of Section 32	No
	13062 E FM 1614 Hermleigh	TX	79526 Fisher County	
2056	C. W. Parks		H&TC- BLK 2 - Section 32	No
	1031 Travis Cir Cooper	TX	75432 Fisher County	
2057	Don Weaver		H&TC- BLK 2 - NE/C of NE/4 in Section 32	No
	Rt 1 Box 78 Rotan	TX	79546 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2058	Thurman Terry	H&TC- BLK 2 - North of the W/2 in Section 29	No
	Rt 1 Box 172 Roby	TX 79543 Fisher County	
2059	R. D. Terry	H&TC- BLK 2 - Section 29	No
	Rt 1 Box 140 Roby	TX 79543 Fisher County	
2060	Cullen Terry	H&TC- BLK 2 - South part of Section 29	No
	Rt 1 Box 222 Roby	TX 79543 Fisher County	
2061	Randall L. Callan	H&TC- BLK 3 - Section 34	No
	Rt 1 Box 200 Roby	TX 79543 Fisher County	
2062	Josephine Newman Davis c/o Margaret Hill 1511 Crescent Sweetwater	H&TC- BLK 2 - Section 28	No
2063	Gary Stuart	H&TC- BLK 2 - S/2 of N/2 in Section 19	No
	Rt 1 Box 209 Roby	TX 79543 Fisher County	
2064	Homer and Jane Nowlin	H&TC- BLK 2 - Out of S/2 in Section 19	No
	Rt 1 Box 206 Roby	TX 79543 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2065	Charles Webb	H&TC- BLK 2 - Section 19	No
	Rt 1 Box 205 Roby	TX 79543 Fisher County	
2066	Pauline Webb	H&TC- BLK 2 - Section 19	No
	P.O. Box 176 Robert Lee	TX 76945 Fisher County	
2067	Morrow & Boyd c/o Preston Morrow Jr. 3405 Chaparral Dallas	T.H. Cosby TX 75234 Fisher County	No
2068	J. D. Martin	H&TC- BLK 2 - SW/4 of Section 39	No
	Rt1 Box 269 Eufaula	OK 74432 Fisher County	
2069	M. R. Cave	H&TC - BLK 2 - S/2 in Section 33	No
	Rt 1 Box 1117 Rotan	TX 79546 Fisher County	
2072	Joe D. Rhodes	H&TC - BLK 3 - NE/4 - Section 28	No
	15919 Heimer Road San Antonio	TX 78232 Scurry County	
2074	Frankie Wall	H&TC - BLK 3 - NW/4 in Section 28	No
	3600 Hill Ave Snyder	TX 79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2076	Jay Linn and Joe Don Helm	H&TC - BLK 2 - N/3 of E/2 in Section 30	No
	Rt 1, Box 61 Roby	TX 79543 Fisher County	
2077	Howard Gordon	H&TC - BLK 3 - SE/4 and part of SW/4 in Section 34	No
	Rt 1, Box 181 Hermleigh	TX 79526 Fisher County	
2078	Juanita Cochran	H&TC - BLK 3 - Section 31	No
	Rt 1 Box 118 Hermleigh	TX 79526 Fisher County	
2079	Frankie Wall and BJ Hudnall	H&TC- BLK 3 - West of NW/4 in Section 30	No
	3600 Hill Ave Snyder	TX 79549 Fisher County	
2080	J. A. Neddleton	H&TC - BLK 3 - NE/4 of Section 42	No
	1700 US Hwy 180 W Hermleigh	TX 79526 Fisher County	
2081	Bob Willingham c/o Willingham Ranch	H&TC- BLK 3 - N/2 of NW/4 and N4 of NE/4 in Section 33	No
	Rt 1 Box 75 Lipan	TX 76462 Fisher County	
2082	Gene Terry	H&TC - BLK 2 - NE part of Section 29	No
	Rt 1 Box 201 Roby	TX 79543 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2083	Olin Willingham	H&TC- BLK 3 - Sw/4 and S/2 of NW/4 in Section 33	No
	1950 Bosque Blvd Bosque Farms	NM	
2084	S. K. Moore	H&TC - BLK 2 - Section 27	No
	404 Orange Roby	TX	
2085	Helen Noles	H&TC- BLK 3 - SE/4 in Section 33	No
	Rt 2 Box 16 Roby	TX	
2086	Clay Willingham	H&TC- BLK 3 - SE/4 in Section 33	No
	Rt 1 Box 1080A Rotan	TX	
2087	Betty Jo McCright	H&TC- BLK 3 - West part of SW/4 in Section 34	No
	Rt 2 Box 7A Rotan	TX	
2088	Betty Jo McCright	H&TC- BLK 3 - North half in Section 43	No
	Rt 2 Box 7A Rotan	TX	
2089	J.A. Nettleton	H&TC - BLK 3 - North half in Section 35	No
	1700 US Hwy 180 W Hermleigh	TX	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
2090	S.A. Willingham Trust c/o Andrew Willingham Trustee 16145 Parrish Hall Spring	H&TC - BLK 3 - Section 35	No
2091	Charlie Joe Helms	TX 77379 Fisher County	
	Rt 2 Box 7A	H&TC- BLK 3 - S/2 in Section 43 less 25 ac in SW/C	No
	Rotan	TX 79546 Fisher County	
2092	Kathy Harrell Voss	H&TC - BLK 3 - N/2 of Section 14	No
	10239 Camp Spring Road Hermleigh	TX 79526 Scurry County	
2093	Richard Melton	TH Cosby Tract 315	No
	225 Avenida Deleon Abilene	TX 79602 Fisher County	
2094	Richard Gaona	T.H. Cosby	No
	Rt 1 Box 56A Roby	TX 79543 Fisher County	
2095	Virginia Hefner	H&TC- BLK 3 - E/2 of Section 45	No
	1001 Lou Ave Sweetwater	TX 79556 Fisher County	
4000	Elois Pruitt	H&GN- BLK 3 - Section 126	No
	P.O. Box 835 Snyder	TX 79550 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
4001	Brenda McNeill	H&GN- BLK 3 - West part in Section 126	No
	623 National St Santa Cruz	CA 95060 Scurry County	
4002	Frank B. Pruitt	H&GN- BLK 3 - Section 126	No
	P.O. Box 835 Snyder	TX 79550 Scurry County	
4003	Helen Bolin	H&GN- BLK 3 in Section 95	No
	2475 S Hwy 208 Snyder	TX 79549 Scurry County	
4004	Katol Investments c/o Bruce Kallemeyn P.O. Box 209 Snyder	TX 79549 Scurry County	No
4005	Jimmie Pimberton		No
	P.O. Box 782 Snyder	TX 79549 Scurry County	
4006	Jerry Rinehart		No
	Rt. 2, Box 194c Snyder	TX 79549 Scurry County	
5000	Bert Chester	H&GN- BLK 3 in Section 95	No
	1012 27th St. Snyder	TX 79549 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
5001	Strickland & Knight Equip Co. P.O. Box 3428 Big Spring Sandra V. Graves etal	H&GN- BLK 3 in Section 95 TX 79721 Scurry County H&GN- BLK 3 - NE/4 of Section 95	No No
5002	1195 Graves Rd Snyder Randy R. and Tina M. Gordon	Scurry County TX 79549 H&GN- BLK 3 in Section 95	No
5003	2093 S Hwy 84 Snyder Min Yung Kuo	Scurry County TX 79549 H&GN- BLK 3 in Section 95	No
5004	1900 E. Roby Hwy Snyder Jerry L. Echlos	Scurry County TX 79549 H&GN- BLK 3 in Section 95	No
5005	26 E CR 112 Snyder Jerry and Vicki Rinehart	Scurry County TX 79549 H&GN- BLK 3 in Section 95	No
5006	2550 S Hwy 208 Snyder Terry and Michelle Williams	Scurry County TX 79549 H&GN- BLK 3 in Section 95	No
5007	1830 Pierce Ave Snyder	Scurry County TX 79549	No

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
5008	W. C. and Patsy Graves		H&GN- BLK 3 in Section 95	No
	2588 S Hwy 208 Snyder	TX 79549	Scurry County	
5009	Atchison Topeka & Santa Fe RR		H&GN- BLK 3 - Section 74	No
	P.O. Box 1738 Topeka	KS 66601	Scurry County	
5010	W. H. Baldwin		Hill Top Sub- BLK 1- Lot 16 in Section 95	No
	P.O. Box 854 Snyder	TX 79550	Scurry County	
5011	Wade and Elois Davis		H&GN- BLK 3 - E/2 of SE/4 in Section 98	No
	862 E CR 120 Snyder	TX 79549	Scurry County	
5012	Roy Irvin		H&GN- BLK 3 - N/2 of SW/4 in Section 98	No
	3417 Southland Blvd San Angelo	TX 76904	Scurry County	
5013	Development Corp of Snyder Inc.		H&GN- BLK 3 - W/2 of SW/4 in Section 75	No
	3610 College Ave. Snyder	TX 79549	Scurry County	
5014	Odell Graham			No
	1454 Hwy 180 E Snyder	TX 79549	Scurry County	

Alternate Route Landowner List

Parcel	Landowner		Legal Description	Preferred Route
5015	Myron Fenton		H&GN-BLK 3 - Section 95	No
	2310 College Ave. Snyder	TX	79549 Scurry County	
6000	Thomas Gregory Bullard		H&TC- BLK 3 - S/2 in Section 19	No
	9481 Roadrunner Path Snyder	TX	79549 Scurry County	
6001	Weldon Perry		H&TC- BLK 3 - SW/4 in Section 21	No
	6118 E Hwy 180 Snyder	TX	79549 Scurry County	
6002	Ben Michael Gafford		H&TC- BLK 3 - S/2 in Section 20	No
	1544 Pinehearth Orangeburg	SC	29115 Scurry County	
6003	H. G. Gafford Jr.		H&TC- BLK 3 - S/2 in Section 20	No
	3961 E Hwy 180 Snyder	TX	79549 Scurry County	
6004	Dovie Pogue Brownfield		H&TC- BLK 3 - Part of Sections 18, 20 & 21	No
	967 Marshall Colorado City	TX	79512 Scurry County	
6005	Patsy Pogue Williams c/o Dovie Pogue Brownfield 967 Marshall Colorado City		H&TC- BLK 3 - Part of Sections 18, 20, & 21	No
		TX	79512 Scurry County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
6006	Mrs. D. M. Pogue	H&TC- BLK 3 - Part of Sections 18, 20, & 21	No
	P.O. Box 557 Snyder	TX 79550 Scurry County	
6007	Maurine Wylie	H&TC- BLK 3 - NE/4 in Section 57	No
	1311 23rd St Snyder	TX 79549 Scurry County	
6008	Texas Department of Correction	H&TC - BLK 3 - Section 19	No
	P.O. Box 99 Huntsville	TX 77340 Scurry County	
6009	Virgil Wayne Jones	H&TC- BLK 3 - N/2 in Section 18	No
	3700 Blossom Lane Odessa	TX 79762 Scurry County	
8000	Helen Noles	H&TC- BLK 3 - SE/4 in Section 33	No
	Rt 2 Box 16 Roby	TX 79543 Fisher County	
8001	Clay Willingham	H&TC- BLK 3 - SE/4 in Section 33	No
	Rt 1 Box 1080A Rotan	TX 79546 Fisher County	
8002	Helen Noles	H&TC- BLK 3 - Section 44	No
	Rt 2 Box 16 Roby	TX 79543 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
8003	Clay Helms	H&TC- BLK 3 - E/2 of Section 44	No
	Rt 2 Box 6 C Rotan	TX 79546 Fisher County	
8004	Connie Tutt	H&TC- BLK 3 - Section 71	No
	Rt 1 Box 1076 Rotan	TX 79546 Fisher County	
8005	Richard Wright	H&TC- BLK 3 - SW/C of SW/4 in Section 43	No
	Rt 1 Box 1082 Rotan	TX 79546 Fisher County	
8006	Mary Ann Fisk	H&TC- BLK 3 - Section 43	No
	Rt 1 Box 1080 B Rotan	TX 79546 Fisher County	
8007	W. T. Martin	H&TC- BLK 3 - Section 72	No
	1910 Lakeview Sweetwater	TX 79556 Fisher County	
8008	Dr. F.E. Tutt and Helene Tutt c/o Helene Tutt 13525 Hwy 180 East Hermleigh	H&TC- BLK 3 - N/2 of Section 71	No
9002	Joe Martin and Virginia Jones	T.H. Cosby	No
	305 Prairie Ave. Cleburne	TX 76031 Fisher County	

Alternate Route Landowner List

Parcel	Landowner	Legal Description	Preferred Route
9003	1st National Bank of Sweetwater	T.H. Cosby	No
	P.O. Box 488 Roby	TX 79543 Fisher County	
9004	Joe Cleveland Hawkins	T.H. Cosby	No
	2004 Goliad CT Arlington	TX 76012 Fisher County	
9005	Lance G. McWilliams	T.H. Cosby	No
	Rt 2 Box 64 Roby	TX 79543 Fisher County	
9006	Spencer and Orr	T.H. Cosby	No
	P.O. Box 307 Roby	TX 79543 Fisher County	

Attachment XI.

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.



Espey, Huston & Associates, Inc.
Engineering & Environmental Consultants

Document No. 961378
Document No. 960748
EH&A Job No. 17653

**ENVIRONMENTAL ASSESSMENTS AND ALTERNATIVE
ROUTE ANALYSES FOR THE PROPOSED
LONGWORTH AND SNYDER-ROBY 69-KV
TRANSMISSION LINE PROJECTS
SCURRY AND FISHER COUNTIES, TEXAS**

Prepared for:

West Texas Utilities Company
P.O. Box 841
Abilene, Texas 79604

and

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P.O. Box 518
Roby, Texas 79543-0518

Prepared by:



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206 Wild Basin Road, Suite 300
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November 1996

Printed on Recycled Paper



Espey, Huston & Associates, Inc.
Engineering & Environmental Consultants

Document No. 961378
EH&A Job No. 17653

**ENVIRONMENTAL ASSESSMENT AND ALTERNATIVE
ROUTE ANALYSIS FOR THE PROPOSED LONGWORTH
69-KV TRANSMISSION LINE PROJECT
FISHER COUNTY, TEXAS**

Prepared for:
West Texas Utilities Company
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TABLE OF CONTENTS

<u>Section</u>		<u>Page</u>
	List of Figures	v
	List of Tables	vi
1.0	<u>DESCRIPTION OF THE PROPOSED PROJECT</u>	1-1
1.1	SCOPE OF PROJECT	1-1
1.2	PURPOSE AND NEED FOR PROJECT	1-1
1.3	DESCRIPTION OF PROPOSED CONSTRUCTION	1-1
1.3.1	<u>Land Requirements</u>	1-1
1.3.2	<u>Right-of-Way Clearing</u>	1-3
1.3.3	<u>Right-of-Way Cleanup</u>	1-3
1.3.4	<u>Maintenance</u>	1-3
1.3.5	<u>Health and Safety Hazards</u>	1-3
1.3.6	<u>Design Parameters</u>	1-4
1.4	AGENCY ACTIONS	1-4
2.0	<u>SELECTION AND EVALUATION OF ALTERNATIVE TRANSMISSION</u> <u>LINE ROUTES</u>	2-1
2.1	DATA COLLECTION	2-1
2.2	ALTERNATIVE ROUTE SELECTION AND EVALUATION	2-1
2.2.1	<u>No-Action Alternative</u>	2-1
2.2.2	<u>Alternatives to the Project</u>	2-2
2.2.3	<u>Study Area Delineation</u>	2-3
2.2.4	<u>Constraints Mapping</u>	2-3
2.2.5	<u>Alternative Route and Substation Site Selection</u>	2-3
2.2.6	<u>Public Open House Meetings</u>	2-5
2.3	PREFERRED ROUTE SELECTION	2-10
3.0	<u>EXISTING ENVIRONMENT</u>	3-1
3.1	PHYSIOGRAPHY AND GEOLOGY	3-1
3.2	SOILS	3-3
3.2.1	<u>Soil Associations</u>	3-3
3.2.2	<u>Prime Farmland</u>	3-4
3.3	WATER RESOURCES	3-4
3.3.1	<u>Surface Water</u>	3-4
3.3.2	<u>Ground Water</u>	3-5

TABLE OF CONTENTS (Cont'd)

<u>Section</u>		<u>Page</u>
3.4	VEGETATION	3-6
3.4.1	<u>Regional Vegetation</u>	3-6
3.4.2	<u>Vegetation Community Types in the Study Area</u>	3-8
3.4.3	<u>Commercially Important Plant Species</u>	3-10
3.4.4	<u>Endangered and Threatened Plant Species</u>	3-10
3.4.5	<u>Ecologically Sensitive Areas</u>	3-11
3.4.6	<u>Regulatory Wetlands</u>	3-11
3.5	WILDLIFE	3-12
3.5.1	<u>Wildlife Habitats and Species</u>	3-12
3.5.2	<u>Recreationally and Commercially Important Wildlife</u>	3-15
3.5.3	<u>Endangered and Threatened Wildlife</u>	3-16
3.6	SOCIOECONOMICS	3-19
3.6.1	<u>Population Trends</u>	3-19
3.6.2	<u>Employment</u>	3-19
3.6.3	<u>Leading Economic Sectors</u>	3-22
3.6.4	<u>Community Values</u>	3-24
3.7	LAND USE AND AESTHETICS	3-25
3.7.1	<u>Land Use</u>	3-25
3.7.2	<u>Recreation</u>	3-25
3.7.3	<u>Transportation/Aviation</u>	3-26
3.7.4	<u>Aesthetics</u>	3-26
3.8	CULTURAL RESOURCES	3-27
3.8.1	<u>Cultural Setting</u>	3-27
3.8.2	<u>Previous Investigations</u>	3-33
3.8.3	<u>Results of the Literature/Records Review</u>	3-34
4.0	<u>ENVIRONMENTAL IMPACTS OF THE ALTERNATIVE ROUTES</u>	4-1
4.1	IMPACTS ON PHYSIOGRAPHY/GEOLOGY/SOILS	4-1
4.2	IMPACTS ON WATER RESOURCES	4-1
4.2.1	<u>Surface Water</u>	4-1
4.2.2	<u>Ground Water</u>	4-2
4.3	IMPACTS ON ECOLOGICAL RESOURCES	4-3
4.3.1	<u>Vegetation</u>	4-3

TABLE OF CONTENTS (Concluded)

<u>Section</u>		<u>Page</u>
4.3.2	<u>Endangered and Threatened Plant Species</u>	4-4
4.3.3	<u>Wildlife</u>	4-4
4.3.4	<u>Endangered and Threatened Wildlife</u>	4-6
4.3.5	<u>Summary of Natural Resources Impacts</u>	4-6
4.4	SOCIOECONOMIC IMPACTS	4-7
4.4.1	<u>Social and Economic Factors</u>	4-7
4.4.2	<u>Impacts on Community Values</u>	4-7
4.5	LAND USE IMPACTS	4-8
4.5.1	<u>Land Use</u>	4-8
4.5.2	<u>Recreation</u>	4-9
4.5.3	<u>Transportation/Aviation</u>	4-9
4.5.4	<u>Aesthetics</u>	4-10
4.6	IMPACTS ON CULTURAL RESOURCES	4-10
4.6.1	<u>Direct Impacts</u>	4-11
4.6.2	<u>Indirect Impacts</u>	4-11
4.6.3	<u>Mitigation</u>	4-12
4.6.4	<u>Summary of Cultural Resources Impacts</u>	4-12
5.0	<u>CORRESPONDENCE WITH AGENCIES/OFFICIALS</u>	5-1
6.0	<u>PREFERRED ROUTE SELECTION</u>	6-1
6.1	EH&A'S ENVIRONMENTAL EVALUATION	6-1
6.2	PREFERRED ROUTE SELECTION	6-6
7.0	<u>REFERENCES</u>	7-1

APPENDIX A - Agency Correspondence

APPENDIX B - Public Open House Information

LIST OF FIGURES

<u>Figure</u>		<u>Page</u>
1-1	Typical 69-kV Single Pole Structure	1-2
2-1	Study Area Location	2-4
2-2	Primary Alternative Transmission Line Routes and Substation Sites	2-6
3-1	Location of Fisher County in Relation to the Physiographic Regions of Texas	3-2
3-2	Location of Fisher County in Relation to the Vegetational Regions of Texas	3-7
3-3	Location of Fisher County in Relation to the Biotic Provinces of Texas	3-13
3-4	Location of Fisher County in Relation to the Cultural Resources Areas of Texas	3-28
6-1	Habitable Structures in the Vicinity of the Preferred and Alternative Routes	6-7

LIST OF TABLES

<u>Table</u>		<u>Page</u>
2-1	Environmental Criteria for Transmission Line Evaluation	2-7
3-1	Endangered, Threatened, or Candidate Wildlife of Potential Occurrence in the Longworth Study Area	3-17
3-2	Population Trends for Fisher County and the State of Texas	3-20
3-3	Civilian Labor Force and Unemployment Rate for Fisher County and the State of Texas	3-21
3-4	Covered Employment and Major Employment Sectors Fourth Quarter 1990 and 1995: Fisher County and the State of Texas	3-23
6-1	Environmental Data for Transmission Line Evaluation, Longworth 69-kV Project	6-2
6-2	Habitable Structures in the Vicinity of WTU's Preferred and Alternative Route for the Longworth 69-kV Project	6-8

1.0 PROJECT DESCRIPTION

1.0 DESCRIPTION OF THE PROPOSED PROJECT

1.1 SCOPE OF PROJECT

West Texas Utilities Company (WTU) and Midwest Electric Cooperative, Inc. (MVEC) have entered into an agreement for electrical power service at a new point of delivery from WTU near the community of Longworth in Fisher County, Texas. WTU, in cooperation with MVEC, is proposing to construct a new electric transmission line and substation in Fisher County to accomplish this agreement. The proposed facilities include a 69-kV tap line between WTU's existing Roby to Eskota 69-kV line and a new substation located northwest of Longworth on State Highway (SH) 70. The new substation will be named the Longworth Substation. WTU will construct the above facilities. The transmission line will be constructed on single poles (wood, steel, or concrete) with davit arms (Figure 1-1) within a 35- to 60-foot (ft) wide right-of-way (ROW), depending on location. Structure heights will typically vary between 70 to 90 ft depending upon terrain, structure location, and span length.

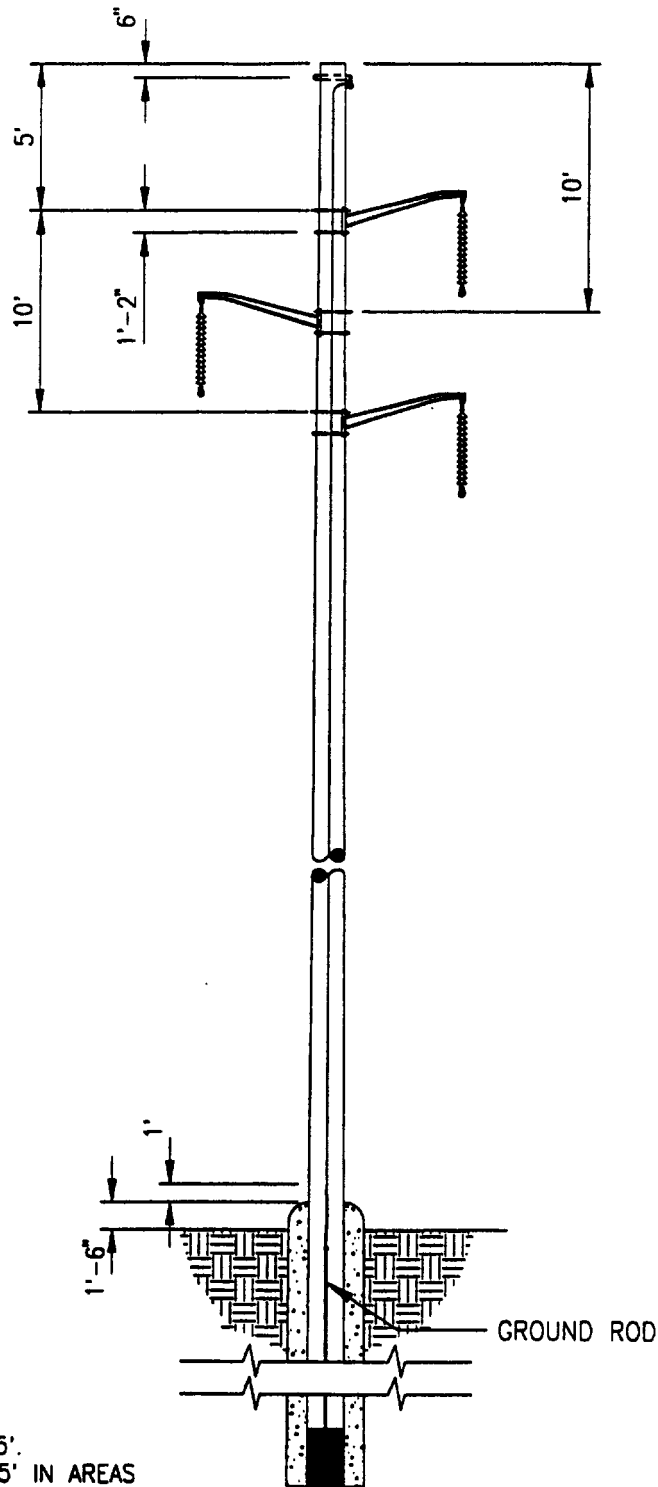
1.2 PURPOSE AND NEED FOR PROJECT

MVEC has contracted with WTU to provide wholesale power to MVEC at the new Longworth delivery point. MVEC's existing meter points with Texas Utilities Electric Company (TU Electric) at Sweetwater-Roby Highway and WTU's Roby delivery point will be abandoned. MVEC's delivery points at Roby and Sweetwater-Roby Highway are served from WTU's and TU Electric's distribution lines, respectively. The conversion from distribution delivery points to a 69-kV transmission delivery point will improve reliability to MVEC's customers by reducing distribution exposure. To accomplish this, WTU will construct the new 69-kV transmission line and Longworth Substation described above.

1.3 DESCRIPTION OF PROPOSED CONSTRUCTION

1.3.1 Land Requirements

The easement width for the proposed 69-kV transmission line will vary from 35 to 60 ft. Where the proposed line will parallel existing roads, ROW width will be 35 ft with the poles approximately 5 ft inside the ROW. For segments of the line not located near roads, the ROW will be 60 ft in width. WTU includes a provision in its easements that the building of permanent structures within the ROW will not be permitted. Other than this restriction, landowners will retain the right to raise crops and pasture livestock within the ROW.



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.

EHSA Espey, Huston & Associates, Inc.
Engineering & Environmental Consultants

Figure 1-1

TYPICAL 69-KV STEEL
POLE STRUCTURE
LONGWORTH 69-KV PROJECT

1.3.2 Right-of-Way Clearing

Although the majority of native vegetation within the study area has been cleared for agricultural purposes, some clearing of the ROW may be necessary to assure safety clearance for the overhead conductors and to facilitate maintenance. In these areas, a width of no more than 60 ft will be mechanically cleared prior to construction. The impact to pasture will be minimized by routing the proposed line approximately parallel to existing fences when possible and minimizing scarification of the ROW necessary to allow for construction of the line. A U.S. Environmental Protection Agency (EPA) approved herbicide will be applied in accordance with state and federal guidelines in certain areas to tree stumps and other selected vegetation to limit regrowth in the ROW.

1.3.3 Right-of-Way Cleanup

After construction all debris will be removed from the site. The ROW will be smoothed and graded to the approximate original contour. Cleared areas will be allowed to seed naturally to reduce erosion and restore a natural aesthetic appearance.

1.3.4 Maintenance

Maintenance of the facilities will include periodic inspection of the line, repair of damaged structures due to equipment failures, accidents, or natural phenomena such as wind damage. While maintenance patrols will vary, aerial patrols and foot patrols will be performed periodically. In cropland areas and properly managed grazing lands, little or no vegetation control will be required, due to existing land use practices. The major maintenance item will be the trimming of danger trees (trees that pose a potential danger to the conductors or structure) in order to provide a safe and reliable power line. Where needed, EPA-approved herbicides will be applied to limit regrowth and ensure that proper clearances are maintained.

1.3.5 Health and Safety Hazards

All work will be performed in accordance with all applicable laws, rules, regulations, orders, standards, codes, and ordinances of all federal, state, and local governmental bodies. Such laws, rules, regulations, orders, standards, codes, and ordinances include, but are not limited to: the National Electric Safety Code (NESC); the American Society of Mechanical Engineers (ASME) code; the American National Standards Institute (ANSI) Standards; the American Society for Testing and Materials

(ASTM) Standards; the National Electric Code (NEC); the National Fire Protection Association (NFPA) Standard; and the National Association of Corrosion Engineers (NACE) Standards. All such applicable laws, rules, regulations, orders, standards, codes, and ordinances will be incorporated in and made applicable to all contracts associated with the work performed.

1.3.6 Design Parameters

The conductor for each of the three electrical phases will be single Penguin aluminum conductor, steel reinforced (ACSR). Penguin ACSR is two 4/0 AWG 6/1 ACSR conductors wrapped together. Each 4/0 conductor will have six strands of aluminum and one strand of steel. A single 3/8-inch extra high strength steel cable will be installed at the top of the structure to shield the line from lightning.

The single pole tangent structures will be either wood, steel, or concrete and will be supported by a concrete foundation that will vary in size and depth depending on soil conditions that will be determined from geotechnical engineering studies.

All clearances and other safety factors will meet or exceed those required by the NESC. The conductor sag in the span between the structures will vary depending on electrical load and weather conditions. At 212 degrees Fahrenheit, minimum design ground clearance will be 25 ft.

The average span distance between structures will be approximately 600 ft, resulting in placement of approximately 9 structures per mile. However, the actual span length at any point along the line will depend on local terrain, land use, and clearance requirements.

1.4 AGENCY ACTIONS

This Environmental Assessment (EA) and Alternative Route Analysis report was prepared by Espey, Huston & Associates, Inc. (EH&A) to support WTU and MVEC in their application for a Certificate of Convenience and Necessity (CCN) from the Public Utility Commission of Texas (PUC). This document is intended to address environmental criteria contained in Section 2.255.(c) of the Public Utility Regulatory Act of 1995, as well as answer relevant questions in the PUC's CCN application. The EA may also be used in support of any other federal, state, or local permitting requirements, if necessary.

2.0 SELECTION/EVALUATION OF ALTERNATIVES

2.0 SELECTION AND EVALUATION OF ALTERNATIVE TRANSMISSION LINE ROUTES

The objective of this study was to select and assess environmentally sound and acceptable alternative routes for WTU/MWEC's Longworth Project that were also feasible from economic and engineering standpoints, and ultimately to select a preferred route. EH&A made its recommendation of a preferred route based only upon environmental considerations; WTU and MWEC took into consideration cost and engineering factors in their evaluation and selection of a preferred route. The alternative routes range between approximately 0.95 and 1.21 miles in length. Each alternative substation site was directly associated with the corresponding transmission line alternative for the evaluation.

The delineation of alternative routes was performed by WTU/MWEC, with assistance from EH&A, as discussed below. WTU/MWEC initially evaluated several preliminary alternative transmission line routes and substation sites for the project. The following sections provide a description of the methodology used in the route selection and evaluation process, which followed similar procedures typically used by EH&A to evaluate alternative transmission line routes. The methodology consisted of data collection, constraints mapping, alternative route delineation and evaluation, and preferred route selection.

2.1 DATA COLLECTION

Data used in the delineation and evaluation of alternative routes were drawn from a variety of sources, including published literature (documents, maps, etc.), contacts with local, state and federal agencies, and input from the open-house meetings. Various scale U.S. Geological Survey (USGS) topographic maps, Texas Department of Transportation (TxDOT) county highway maps, National Wetlands Inventory (NWI) maps, and ground reconnaissance surveys were used throughout the selection and evaluation of alternative routes. Ground reconnaissance of the study area by EH&A staff in August, September, and October 1996 was utilized for refinement and evaluation of the alternative routes.

2.2 ALTERNATIVE ROUTE SELECTION AND EVALUATION

2.2.1 No-Action Alternative

Under the No-Action Alternative, WTU/MWEC would not construct or operate the proposed 69-kV transmission line and substation. Benefits to MWEC, in the form of increased service

reliability, lower-cost electrical power, and providing sufficient electrical capacity for both existing customers and future growth, would not be realized. Any potential impacts related to the project, short-term or long-term, would not occur.

2.2.2 Alternatives to the Project

Renewables

Solar and wind generation were considered for the proposed project need but both were rejected because neither is capable of furnishing the necessary firm source of supply for the MWECC load at affordable costs. Solar, thermal, and photovoltaic energy conversion methods 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 follows.

Photovoltaics

MWECC 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 of reduced sunlight. If one assumes that 8 hours of sunlight are 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. This option was rejected because it is not capable of furnishing the necessary firm source of supply for MWECC at affordable costs.

Wind Turbines

As with photovoltaics, enough wind turbine capacity would have to be installed to allow for service during low wind conditions. Since specific wind information is not available for the study area, WTU assumed that average wind speeds would provide 25% of the rated output of the wind turbines. This is a very conservative approach because there would likely be times when there is no wind and as a result, no output. This option was also rejected because it is not capable of furnishing the necessary firm source of supply for MWECC at affordable costs.