

Control Number: 46718



Item Number: 298

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PUBLIC UTILITY COMMISSION
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LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
November 2017

Public Utility Commission of Texas
Project No. 46718

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Total Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	# Variance	Percent Complete	Existing Voltage (KV)	Updated or New Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number
1012504	Wards - Giddings Transmission Line Overhaul (T137)	Lee/Payette	Transmission line overhaul, replace poles, cross arms, X-braces and knee braces	5/1/17	6/30/18		\$21,538,000 T-line, \$3,936,000 Substation \$1,634,000 Tap	\$1,700,000			62	69	69	9.70 mi	3x1-795 ACSR "Drake"	Wood H Frames	100'	9.70 mi	0	0.00 mi	25 101 (C)(5)(B)
1010856	Blumenthal TL Addition (T037)	Gillespie, Kendall, Blanco	Construct a new 138-kV transmission line connecting the new Blumenthal (CTED) Substation to a tap point on the Kendall - Mountain Top 138-kV transmission line (T-347)	12/7/15	12/31/16						0	0	138	14.40 mi	3x1-795 ACSR "Drake"	Poles and H-Frames	0	0.00 mi	100	14.40 mi	43599
1014204	Goldthwaite-Lampasas TL Upgrade (T629/T461/T136)	Lampasas, Mills, San Saba	Rebuild the existing 69 kV transmission line, T220, due to storm.	3/1/16	11/28/17	10/31/17		\$63,000,000			95	69	138	51.52 mi	Single 795 ACSR "Drake"	Steel H frames and Poles	Varies	51.52 mi	0	0.00 mi	25 101 (C)(5)(B)
1015965	San Marcos-R Brown - Storm Restoration	Guadalupe	Repair damaged transmission line, T437, Lon Hill Nueces Bay to meet NESC and LCRA TSC minimum clearances	10/10/16	11/4/16	10/14/16	\$645,000	\$565,558	\$565,558	12%	100	69	69	0.25 mi	3x1-40 "Penguin"	Primarily Wood H Frames	CL	0.25 mi	0	0.00 mi	25 83 (D)
1014954	Lon Hill Nueces Bay TL Maintenance	Nueces	Modify existing transmission line, T452, Crane LCRA-North McCamey, and T455 Crane LCRA-North McCamey to accommodate substation construction at the new Castillo Substation	4/18/16	5/8/16	4/28/16	\$394,243				100	138	138	17.30 mi	3x2-795 ACSR "Drake"	Steel and Concrete Poles	Varies	17.30 mi	0	0.00 mi	25 83 (e)(3)
1015822	Castillo Substation Addition	Cranus, Upton	Modify existing transmission line, T452, Crane LCRA-North McCamey, and T455 Crane LCRA-North McCamey to accommodate substation construction at the new Castillo Substation	3/1/16	9/30/17	9/30/17	\$3,934,493				100	138	138	23.17 mi	3x2-795 ACSR "Drake"	Steel and Concrete Poles	CL & 80'	23.17 mi	0	0.00 mi	25 101 (C)(5)(A)
1016048	Castillo-SP-TX-129 TL Add	Cranus, Upton	Extend a gen-tie line from Castillo Substation to SP-TX-129 to accommodate construction at the new Castillo Substation	3/1/16	6/30/17	6/30/17	\$1,500,000				100	138	138	0.99 mi	3x1-795 ACSR "Drake"	Steel and Concrete Poles	0	0.00 mi	100	0.90 mi	25 101 (C)(5)(A)
1015884	Schneeman Draw Sub Addition	Crocket	Modify existing transmission line, T12421, Bakersfield Big Hog to accommodate substation construction at the new Schneeman Draw Substation	4/1/16	4/30/16	8/11/17	\$8,680,000				100	345	345	0.1 mi	3x2-795 ACSR "Drake"	Steel Poles	Varies	0.1 mi	0	0.00 mi	25 101 (C)(5)(A)
1015208	Zorn-Marion 345kV TL (CCN - Docket No. 45601)	Guadalupe	Construct a new 345-kV transmission line to provide a transmission point of interconnection between Central Texas and San Antonio area.	6/1/16	5/30/19		T-Line \$ 67.6 - 88.6 M Substations \$ 14.9 - 17.4 M				0		345	18 - 24 M	3x2-959.6 ACSR/TW "Sunrunner"	Steel Poles	Varies	7 - 11 mi		10 - 14 mi	<5501
1014910	TXDOT US 83 Relief Route Re Grande City-Le Grulla(T485)	Starr	Modify existing transmission line T485 Re Grande City-La Grulla, to accommodate road expansion by TXDOT	6/1/16	6/27/16			\$720,000			0	156	138	31.66 mi	3x1-795 ACSR/AW "Drake/AW"	Steel Poles	Varies	31.66 mi	0	0.00 mi	25 101 (C)(5)(B)
1015830	Bow Wood Substation Addition	McCulloch	Modify existing transmission line, T424 Comanche Switch-Red Creek and T551, Brown-Twin Buttes to accommodate substation construction at the new Bow Wood Substation	6/1/16	5/30/17	6/5/17	\$2,945,851	\$1,077,578	\$1,077,578	-33%	100	345	345	T424 71.5 mi T551 88.24 mi	T424 3x2-1890 ACSR "Falcon" T551 3x2-1892 ACSR/TW "CUMBERLAND"	Primarily Steel Lattice Towers	160	T424 71.5 mi T551 88.24 mi	0	0.00 mi	25 101 (C)(5)(A)
1014447	Lockhart - Luling TL Upgrade (T184)	Caldwell	Rebuild the existing transmission line, T184, Luling - Lockhart, to achieve the full MVA capability of the existing conductor	4/1/17	12/18/17			\$5,530,000			85	138	138	18.90 mi	3x1-795 ACSR/USD "Condor" & 3x1-795 ACSR "Drake"	Wood H Frames, Steel Poles, Steel Lattice Towers	80-100'	18.90 mi	0	0.00 mi	25 101 (C)(5)(B)
1014352	Leander - Round Rock TL Addition (CCN)	Williamson	Construct a new 138-kV transmission line to provide a transmission point of interconnection to two load-serving substations	6/3/19	11/30/19		T-Line \$ 67.6 - 88.6 M Substations \$ 14.9 - 17.4 M				0	0	138	11-22 mi	3x2-795 ACSR "Drake"	TBD; Poles and/or H-Frames	0	0.00 mi	Varies, 60-100'	11-22 mi	45666
1013275	Elgin Switch-Sim Gideon-Palge TL OH (T280/T151)	Bestrop, Williamson	Transmission line overhaul: replace poles, cross arms, X-braces, insulators and conductor	6/20/16	4/17/17	4/11/17		\$16,101,304	\$10,087,591	-33%	100	138	138	31.32 mi	3x1-795 ACSR "Drake"	Wood H Frames & Concrete Poles	100'	31.32 mi	0	0.00 mi	25 101 (C)(5)(B)
1012407	Luling Nueces TL OH (T538)	Caldwell, Gonzales, Guadalupe	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductor	11/1/16	5/31/17	5/30/17		\$16,500,000	\$12,150,050	-26%	100	69	138 (condition 69 operate)	16.00 mi	3x1-795 ACSR "Drake"	Steel/Concrete Poles	60'	16.0 mi	60'	16.0 mi	25 101 (C)(5)(B)
1011918	Allain-Giddens TL OH (T113/T544)	Colorado	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductor	11/17/16	7/21/17	6/30/17		\$10,544,507			100	69	89	12.38 mi	3x1-795 ACSR "Drake"	Concrete and Steel Poles	Blanket	12.38 mi	0	0.00 mi	25 101 (C)(5)(B)
1015126	Rincon - Rockport TL Relocate (T473)	Araucaria	Modify existing transmission line T473, Rincon-Rockport, to accommodate substation construction by AEP	12/5/16	3/31/17	3/17/17		\$1,057,500	\$720,000	-32%	100	138	138	15.10 mi	3x1-795 ACSR/AW "Drake"	Steel poles	Unknown	15.10 mi	0	0.00 mi	25 101 (C)(5)(A)
1016186	Chapped Hill Double Circuit Break Off Structure - Highway 36 TL OH (T215)	Washington	Replace deteriorated wood poles/structures, add/replace cross-arms, X-braces, knee braces and dampers, overhaul line to meet storm hardening requirements, install OPGW, and modify to accommodate substation construction at the Chapped Hill Substation	12/28/16	6/30/17	9/30/17		\$1,286,000			100	138	138	9.10 mi	3x1-795 kcmil ACSR "Drake", 1 A-Loose 52, 1-38" HS	Wood H-frames	75'-85'	3.20 mi	0	0.00 mi	25 101 (C)(5)(B)
1016180	Braham North - Chapped Hill Double Circuit Break-Off Structure TL OH (T232)	Washington	Replace and overhaul lattice structures as needed to meet storm hardening requirements, install OPGW, and modify to accommodate substation construction at the Chapped Hill Substation	1/4/17	7/8/17	6/30/17		\$5,348,000			100	138	138	9.10 mi	3x1-795 kcmil ACSR "Drake"	Lattice steel, concrete poles	80'-132'	5.90 mi	0	0.00 mi	25 101 (C)(5)(B)
1016221	Cuero Hydro - Luling TL OH (T542)	DelWitt, Gonzales, Caldwell	Rebuild the 10 miles (phase 1) of existing 69 kV transmission line (T542), to 138 kV capable with new structures, conductor, and OPGW	1/15/17	5/31/17	6/2/17		\$9,022,000			100	69	69	53.9 mi	3x1-795 ACSR "Drake" & 3x1-200 ACSR "Condor"	Steel & Concrete Poles	Blanket/Concreteline/50' 32"	53.9 mi	0	0.00 mi	25 101 (C)(5)(B)
1016226	Cuero-Yoakum Gartner Road TL OH (T198)	DelWitt	Replace deteriorated wood poles/structures, add/replace cross-arms, X-braces, knee braces and dampers, and install OPGW	1/15/17	5/31/17	5/22/17		\$8,201,713	\$3,364,087	-59%	100	138	138	13.84 mi	3x1-795 ACSR "Drake"	Wood H-Frames & Lattice Towers	100' Centerville	13.84 mi	0	0.00 mi	25 101 (C)(5)(B)
1014216	Elgin Switch-Giddens Creek TL OH (T421)	Bestrop, Travis, Williamson	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductor	1/27/17	5/25/17	6/30/17		\$1,857,309			100	138	138	12.9 mi	3x1-1433.8 ACSR/TW "Mammoth"	Wood H-Frames & Steel Single Poles	100'	12.9 mi	0	0.00 mi	25 101 (C)(5)(B)
1016205	Shadow Glen Circuit Breaker Addition (T574)	Travis	Replace approximately 0.5 miles of OPGW outside of Harris Branch Substation	3/14/17	8/30/17	08/11/17		\$1,788,544			100	138	138	7.76 mi	3x1-795 ACSR "Drake"	Concrete Poles and a Lattice Tower	100'	7.76 mi	0	0	25 101 (C)(5)(B)
1016215	Georgetown S Circuit Breaker Add (T223)	Williamson	Modify existing transmission line, T223, Georgetown-East-Round Rock (TXU) to accommodate substation construction at the Georgetown South Substation	3/30/17	6/15/17	6/15/17		\$1,374,605	\$937,033	32%	100	138	138	0.1 mi	3x1-795 ACSR "Drake"	Steel Poles	Varies	0.1 mi	0	0	25 101 (C)(5)(A)
1015455	Upton Circuit Breaker Addition (T441)	Upton	Modify existing transmission line T441, Benedict-Crane LCRA, to accommodate substation construction at the Upton Substation	3/10/17	8/4/17	8/14/17		\$1,241,838			100	138	138	26.89 mi	3x1-1233.8 ACSR/TW "Falcon"	Steel Poles	80' CL	26.89 mi	80' CL	0.08 mi	25 101 (C)(5)(A)

LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
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Public Utility Commission of Texas
Project No. **46718**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (If Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number
1018210	Cushman - Seguin TL Storm Hardening (T309)	Guadalupe	Replace twenty (20) transmission line structures on T309 to meet NESC storm hardening requirements	3/1/17	6/30/17	5/28/17		\$2,738,729			100	138	138	1.96 mi	3x1-795 ACSR "Drake" & 3x1-959 B ACSR/TW "Savannah"	Steel Poles	In city ROW	1.96 mi	0	0.00 mi	25 101 (C)(5)(B)
1018541	Pharr North - Weslaco 5v TL Reloc (T478)	Hidalgo	Relocate transmission facilities on T478 to accommodate AEP's expansion of the Pharr North substation	3/15/17	8/30/17	4/28/17		\$608,908	\$500,423	3%	100	138	138	10.45 mi	3x1-795 ACSR "Drake"	Steel Poles	CL	10.45 mi	60'	0.04 mi	25 101 (C)(5)(A)
1018207	Snitzville - Winchester (T175)	Becktop, Fayette Lee	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductor	8/1/17	3/30/18			\$10,877,730			42	138	138	14.58 mi	3x1-795 ACSR "Drake"	Steel and Concrete Poles	Varies	14.58 mi	0	0.00 mi	25 101 (C)(5)(B)
1017382	FPP - Lytton Springs Storm Hardening (T255)	Becktop, Caldwell, Fayette	Modify a number of existing lattice tower structures on T255 to meet storm hardening requirements	4/3/17	8/30/17	8/30/17		\$1,088,000			100	345	345	81.12 mi	3x2-715 ACSR "Redwing"	Steel Lattice	100'	81.12 mi	0	0.00 mi	25 83(a)(3)
1018185	Sim Gideon - Winchester (T815)	Becktop, Fayette Lee	Replace deteriorated wood pole structures, add/replace cross-arms, X-braces, line braces and dampers	5/15/17	8/17/17	8/17/17		\$3,908,000			100	138	138	14.85 mi	3x2-336 ACSR "Linn" & 3x1-795 ACSR "Drake"	Wood H-Frames and Concrete Poles	100'	14.85 mi	0	0.00 mi	25 101 (C)(5)(B)
1005486	Shenwood Shores CB Add (T187)	Burnet	Modify existing transmission line, T187 Ferguson-Ceresado to accommodate substation construction at the Shenwood Shores Substation	7/10/17	2/10/18			\$528,355			56	138	138	21.54 mi	3x1-795 ACSR "Drake"	Steel H-Frames and Poles	Varies	21.54 mi	80'	N/A	25 101 (C)(5)(A)
1018176	Aroe Tap Circuit Breaker Addition (T442)	Coke	Modify existing transmission line, T442 Crane LCRA-Pleasant Farms, to accommodate substation construction at the new Aroe Tap Substation	5/3/17	4/10/18			\$1,175,206			48	138	138	24.25 mi	3x1-1233 B ACSR/TW "Yukon"	Steel and Concrete Poles	Varies	24.25 mi	50'	N/A	25 101 (C)(5)(A)
1017957	Buchanan - Pittsburg - Structure Replacement (T287)	Llano	Replace one damaged transmission line structure on the T287, Buchanan-Pittsburg transmission line	6/28/17	7/14/17	7/14/17		\$171,000			100	88	88	14.48 mi	3x1-40 "Pangloss"	Steel Poles	100	14.48 mi	0	0.00 mi	25 101 (C)(5)(B)
1018538	Flood Remediation Phase 1 (T495)	Travis	On T495 remove structure #112 concrete pole and replace with two concrete poles	7/5/17	10/28/17	10/19/17		\$387,000			100	138	138	8.21 mi	3x1-795 ACSR "Drake"	Concrete Poles, Steel Poles and a Lattice Tower	100	8.21 mi	0	0.00 mi	25 101 (C)(5)(B)
1015477	Henne-McCarthy Lane TL Upg (T233)	Cornal, Hayes	Rebuild the existing 138kV transmission line, T233 with new structures and conductor	8/1/17	12/28/17			\$7,353,156			30	138	138	8.8 mi	3x2-959 B ACSR/TW "Savannah"	Concrete Poles & Steel Poles	100'	8.8 mi	0	0.00 mi	25 101 (C)(5)(B)
1018189	Fayette Power Project 345kV BUS Tie (CCN - Deck 1 & 47218)	Fayette	Construct a new single circuit 345-kilovolt (kV) transmission line to increase the bus capacity between the existing Fayette Power Project Yard #1 and Yard #2 substations	3/1/18	5/31/18		T-Line \$11 M Substations \$3.8 M				0	0	345	0.26mi	3x2-1580 Kcmil ACSR Falcon	Steel Poles	0	0	100	0.26mi	47218
1015581	Lincoln Substation Addition (T155)	Lee	Modify existing transmission line, T155 Gillingham-Lemington, to accommodate substation construction at the new Lincoln Substation	8/1/17	10/10/17	10/24/17		\$1,181,500			100	138	138	18.24 mi	3x1-795 ACSR "Drake"	Steel Lattice, Steel Poles, and Wood H-Frames	Varies	18.24 mi	80'	0.4 mi	25 101 (C)(5)(A)
1018825	Altair-Garwood T548 TL Upg (PHI)	Celtrude	Structure replacement & addition to meet NESC required clearances for safe clearance and system reliability. (PHI - GOAS Switch Install)	9/18/17	11/24/17			\$748,316			52	88	88	8.27 mi	Raven ACSR & 1/0 & Single	Wood H-Frames, Single Pole Wood DE	Centerline, 10'	8.27 mi	NA	N/A	25 101 (C)(5)(B)
1017377	Flaterie-Waelder TL OH (T513)	Fayette, Gonzales	Tear-down/rebuild. Upgrade to 138-kV capable with OPGW shield wire	11/1/17	8/30/17			\$5,802,782			0	68	88	11.78 mi	3x1-795 ACSR "Drake"	Concrete Poles & Steel Poles	Centerline	11.78 mi	NA	N/A	25 101 (C)(5)(B)
1018530	Clear Springs-Hutto Bolt Tightening (T810)	Guadalupe, Caldwell, Hayes, Travis, Williamson	Climb and inspect all lattice towers, tighten bolts, and install locking mechanisms to prevent bolts from becoming loose or falling out	8/1/17	5/31/18			\$1,200,000			15	345	345	85.19	3x2-959 B ACSR/TW "Savannah"	Steel Lattice and Steel Poles	100'-200'	85.19	NA	NA	25 83(a)(3)
1018730	Fulton-Reckport 69kV TL Restoration (T474)	Aransas	Emergency storm repairs to replace failed hardware	8/31/17	8/31/17	8/5/17		\$1,000,000			100	68	68	7.35	3x1-795 ACSR "Drake"	Steel Poles	Varies	7.35	NA	NA	25 101 (C)(3)
1017338	Harwood-Hwy 68 TL OH (T145)	Gonzales	Tear-down/rebuild. Upgrade to 138-kV capable with OPGW shield wire	12/8/17	5/31/18			\$8,854,835			0	88	88	12.30	3x1-795 ACSR "Drake"	Concrete Poles & Steel Poles	Centerline	12.30	NA	N/A	25 101 (C)(5)(B)
1017338	Austrop-Becktop City-Sim Gideon Storm Hardening (T171/T172/T231)	Becktop, Travis	Replace 24 double-circuit lattice tower structures with 21 steel tower pole structures and 3 lattice steel towers, install OPGW	12/8/17	5/31/18			\$4,786,575			0	138	138	34.42	3x1-795 ACSR "Drake"	Steel Lattice	125'	34.42	NA	N/A	25 101 (C)(5)(B)
1017374	Fayetteville-FPP 138kV TL OH (T253)	Fayette	Tear-down/rebuild. Upgrade to 138-kV capable with OPGW shield wire	1/8/18	5/1/18			\$5,670,000			0%	68	138	8.8 mi	3x1-959 B ACSR/TW "Savannah"	Concrete towers with steel deadends	85', 85', 125'	8.8 mi	NA	NA	25 101 (C)(5)(B)
1017381	FPP - Fayetteville (T210/T211)	Fayette	Storm Hardening of lattice towers	12/15/17	2/27/17			\$348,235			0%	345	345	8.88 mi	3x1-795 ACSR "Drake"	Steel Lattice	100'	8.88 mi	NA	NA	25 101 (C)(5)(B)
1017398	Hamilton Reed - Uvalde Fiber Addition (T570), (T624) & (T454)	Val Verde, Kinney, Uvalde	Replace 25 structures to support new OPGW	11/5/18	8/31/18			\$9,391,740			0%	138	138	70.8 mi	3x1-ACSR "Drake"	Steel Poles	Varies	70.8 mi	NA	NA	25 101 (C)(5)(B)
1017835	Karned - Fredericksburg TL Fiber Bulk Out (T120)	Karned, Gillespie	Replace lattice arm on 70 H-frame structures. Install 1 new steel deadend pole, and install 2 new guyed wood H-frames to support new OPGW	12/5/17	3/26/18			\$2,577,512			0%	138	138	20.85 mi	3x1-795 ACSR "Drake"	Wood H-Frames, Single Pole Wood DE	Centerline	20.85 mi	NA	NA	25 101 (C)(5)(B)
1017448	Sim Gideon - Winchester (T152/T175)	Becktop, Fayette Lee	Replace deteriorated OPGW suspension shoes and dampers from structure 60 to Wytheville Substation	12/1/17	2/1/18			\$435,558			0%	138	138	30.80 mi	3x1-795 ACSR "Drake"	Steel Lattice	Varies	14.58 mi	NA	NA	25 101 (C)(5)(B)
1017405	Tipton Circuit Breaker Addition (T552)(T674)(T665)	Pecos	Modify existing transmission line, T552, North McCamery West Yates Switch, to accommodate construction at Tipton Substation	1/25/18	7/30/18			\$2,714,254			0%	138	138	10.76 mi	3x2-795 ACSR "Drake"	Concrete & Steel Poles	Centerline	10.76 mi	NA	NA	25 101 (C)(5)(B)
1017392	Lon Hill - Nueces Bay TL Upg (T437)	Nueces	Replace 22 structures to increase clearances on transmission line spans in order to meet LCRA TSC minimum design clearances	2/9/18	5/31/18			\$4,378,645			0%	138	138	17.3 mi	3x2-795 ACSR "Drake"	Concrete & Steel Poles, Steel DE H-Frames	Varies	17.3 mi	NA	NA	25 101 (C)(5)(B)
1015487	Kernville Stadium Harper Rd TL Upg (T144)	Kerr	Rebuild the existing 138kV transmission line, T144 with new structures and conductor	1/10/19	3/7/19			\$3,742,315			0%	138	138	1.5 mi	3x2-795 ACSR "Drake"	Steel Poles	Varies	1.5 mi	NA	NA	25 101 (C)(5)(B)
1015116	Henne-Cornal TL Upg (T276)	Cornal	Rebuild the existing 138kV transmission line, T276 with new structures and conductor	1/7/18	5/24/18			\$9,514,929			0%	138	138	7.51 mi	3x1-959 B ACSR/TW "Savannah"	Steel Poles	Varies	7.51	NA	NA	25 101 (C)(5)(B)
1017347	Mendoza-Octon Eloy (T397)	Caldwell, Travis	Add circuit breakers at Octon Substation. Add OPGW to T397 Mendoza - Octon - Eloy. Replace structures that are currently not capable of supporting OPGW	3/5/18	5/31/18			\$8,800,000			0%	138	138	12.0 mi	3x1-795 ACSR "Drake"	Concrete Poles, Steel Poles and Wood H-Frames	Varies	12.0 mi	NA	NA	25 101 (C)(5)(B)
1017387	Hanwood Living Double Circuit TL OH	Caldwell, Gonzales	Replace 45 double-circuit lattice tower structures with double circuit steel poles and add OPGW on T145 Living Double Circuit and T173 Living Gonzales transmission lines	2/26/18	6/4/18			\$2,015,000			0%	138	138	12.9 mi	3x2-795 ACSR "Drake"	Concrete Poles, Steel Poles and Wood H-Frames	Varies	19.45 mi	NA	NA	25 101 (C)(5)(B)

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Charlotte Dotson, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Charlotte Dotson. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on or before November 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

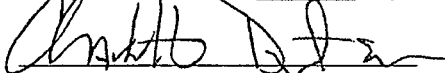
- (a) owners of land crossed by the existing transmission facility to be modified T-552, McCamey - West Yates Switch, 138 kilovolt Transmission Line.

In accordance with P.U.C. Proc. Rule 25.83, on or before January 15, 2017 LCRA Transmission Services Corporation mailed by first class mail:

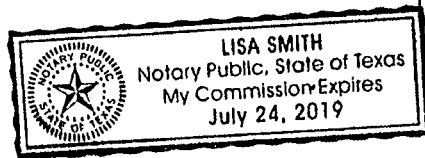
- (b) notice to American Electric Power whose certificated service areas are crossed by the T-552, McCamey - West Yates Switch, 138 kilovolt Transmission Line.
- (c) notice to South Texas Electric Cooperative whose certificated service areas are crossed by the T-552, McCamey - West Yates Switch, 138 kilovolt Transmission Line.

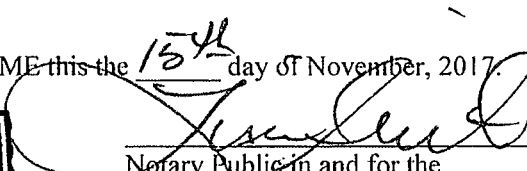
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls Pecos, Crockett, Upton Counties. The certificated utilities described in (b) above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15 day of November, 2017.


AFFIANT: Charlotte Dotson

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November, 2017.




Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

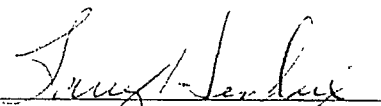
- (a) owners of land crossed by the existing transmission facility to be modified T-437 Lon Hill to Nueces Bay Substation, 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation mailed by first class mail:

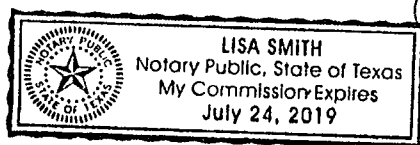
- (b) notice to American Electric Power whose certificated service area is crossed by the T-437, 138 kilovolt transmission line.

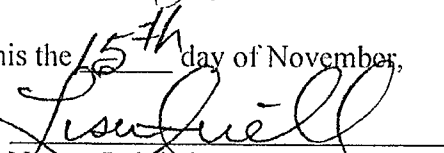
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Nueces county. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of November, 2017.


AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November, 2017.




Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

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STATE OF TEXAS

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§BEFORE ME, the undersigned authority, on this day personally appeared Sheri Schneider, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

“My name is Sheri Schneider. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on or before November 15, 2017 LCRA Transmission Services Corporation completed a search and mailed notice to:

- (a) owners of land crossed by the existing transmission facility to be modified- T-464 Hamilton Road - Brackettville, 138 kilovolt transmission line.
- (b) owners of land crossed by the existing transmission facility to be modified- T-624, Brackettville – Odlaw, 138 kilovolt transmission line.
- (c) owners of land crossed by the existing transmission facility to be modified – T-144, Kerrville Stadium – Harper Road, 138 kilovolt transmission line.

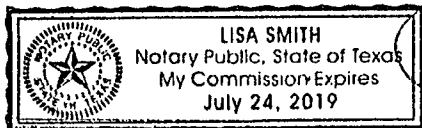
In accordance with P.U.C. Proc. Rule 25.83, on or before November 15, 2017 LCRA Transmission Services Corporation mailed by first class mail:

- (d) notice to Rio Grande Electric Cooperative whose certificated service areas are crossed by the T-464 Hamilton Road - Brackettville and T-624, Brackettville – Odlaw, 138 kilovolt transmission lines.
- (e) notice to American Electric Power whose certificated service areas are crossed by the T-570, Odlaw – Uvalde and T-464 Hamilton Road - Brackettville, 138 kilovolt transmission lines.
- (f) notice to Kerrville Public Utility Board whose certificated service areas are crossed by the T-144, Kerrville Stadium – Harper Road, 138 kilovolt transmission line.

The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls of Uvalde and Kinney County. The certificated utilities described in (b) above, were ascertained by reference to Public Utility Commission’s Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of November, 2017 Sheri Schneider
AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November, 2017



[Signature]
Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

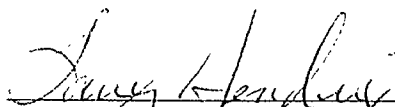
- (a) owners of land crossed by the existing transmission facility to be modified T-145 Harwood Substation to Luling Substation, 69 kilovolt transmission line.
- (b) Owners of land crossed by the existing transmission facility to be modified T-173 Harwood Substation to Luling Substation, 138 kilovolt transmission line

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation mailed by first class mail:

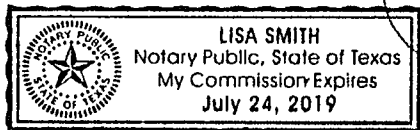
- (c) notice to Guadalupe Valley Electric Cooperative whose certificated service area is crossed by the T-145, 69 kilovolt transmission line and the T-173, 138 kilovolt transmission line.
- (d) notice to Bluebonnet Electric Cooperative whose certificated service area is crossed by the T-145, 69 kilovolt transmission line and the T-173, 138 kilovolt transmission line

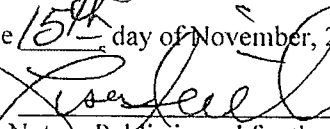
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Gonzales county. The certificated utilities described in (b) above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of November, 2017.


AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November, 2017.




Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Larry Hendrix, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

"My name is Larry Hendrix. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

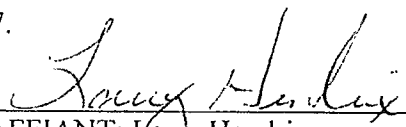
- (a) owners of land crossed by the existing transmission facility to be modified T-235, Henne Substation to Comal Substation, 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation mailed by first class mail:

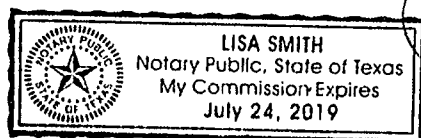
- (b) notice to New Braunfels Electric Corp. whose certificated service area is crossed by the T-235 138 kilovolt transmission line.

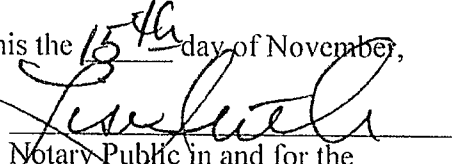
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Comal county. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of November, 2017.


AFFIANT: Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November, 2017.




Notary Public in and for the
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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BEFORE ME, the undersigned authority, on this day personally appeared Dan Houlihan, and being by me duly sworn, upon oath declared that the statements and capacity acted in are true and correct.

“My name is Dan Houlihan. I am an employee of the Lower Colorado River Authority (LCRA). I am over twenty-one years of age and I am competent to make this Affidavit. I have personal knowledge of the facts contained herein and they are true and correct.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

- (a) owners of land crossed by the existing transmission facility to be modified T397 Mendoza-Colton-Elroy Substation, 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on November 15, 2017, LCRA Transmission Services Corporation mailed by first class mail:

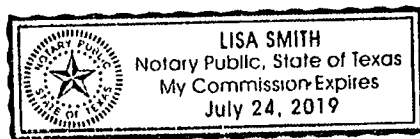
- (b) notice to Bluebonnet Electric Corp. whose certificated service area is crossed by the T397 138 kilovolt transmission line.

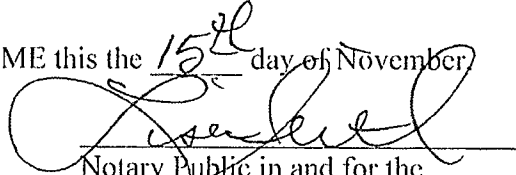
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Travis and Caldwell county. The certificated utility described in (b) above, was ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 15th day of November, 2017.


AFFIANT: Dan Houlihan

SWORN TO AND SUBSCRIBED BEFORE ME this the 15th day of November 2017.




Notary Public in and for the
State of Texas