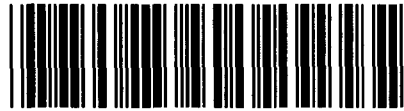


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10/15/2019

LCRA TSC
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1010656	Blumenthal TL Addition (T637)	Gillespie, Kendall, Blanco	Construct a new 138-kV transmission line connecting the new Blumenthal (CTEC) Substation to a tap point on the Kendall - Mountain Tap 138-kV transmission line (T342)	10/2/2017	5/18/2018	5/18/2018	\$21,536,000 T-line \$3,836,000 Substation, \$1,834,000 Tap	\$21,510,000 T-line, \$4,146,000 Substation, \$1,834,000 Tap			100	0	138	14.40 mi	3x1-785 ACSR "Drake"	Poles & H-Frames	0	0.00 mi	100'	14.40 mi	43559
1015208	Zorn-Marion 345kV TL Addition (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.	6/1/2018	5/30/2019	5/30/2019	T-Line \$43.26 - 55.11 M, Substation \$7,805,000	\$46,000,000			100	0	345	18-24 mi	3x2-859 # ACSS/TW "Suwannee"	Steel Poles	Varies	7-11 mi		10 - 14 mi	45601
1014810	TXDOT US #3 Relief Route Rio Grande City-La Grulla (T485)	Starr	Modify existing transmission line (T485), Rio Grande City-La Grulla to accommodate road expansion by TXDOT	11/8/2018	11/30/2018	11/30/2018	\$220,000	\$317,464			100	138	138	31.66 mi	3x1-785 ACSR/AW "Drake/AW"	Steel Poles	Varies	31.66 mi	n/a	n/a	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	1/2/2019	4/3/2020		T-Line \$ 67.8 - 99.6 M, Substations \$ 14.9 - 17.4 M				61	0	138	11-22 mi	3x2-785 ACSR "Drake"	TBD Poles and/or H-Frames	0	0.00 mi	Varies, 60' - 100'	11-22 mi	45858
1017026	Marco-Cedar Hills TL Addition (T465) Phase 1 (Flood Remediation Substation Upgrade - 1016538)	Travis	On T465 remove structure #112 concrete pole and replace with two concrete Poles	7/5/2017	10/28/2017	10/19/2017	\$387,000	\$187,611			100	138	138	8.21 mi	3x1-785 ACSR "Drake"	Concrete Poles, Steel Poles & Tower	100'	8.21 mi	n/a	n/a	25 101 (C)(5)(B)
1017888	Hamilton Road - Uvalde Fiber Addition (T570) (T624) & (T454)	Val Verde, Kinney, Uvalde	Replace 25 structures to support new OPGW	1/29/2018	3/10/2019	3/10/2018		\$9,381,760			100	138	138	70.6 mi	3x1-ACSS "Drake"	Steel Poles	Varies	70.6 mi	n/a	n/a	25 101 (C)(5)(B)
1017838	Kendall - Fredericksburg TL Fiber Build Out (T120)	Kendall, Gillespie	Replace static arm on 70 H-frame structures. Install 1 new steel dead-end pole, and install 2 new guyed wood H-frames to support new OPGW	4/16/2018	6/28/2018	6/18/2018		\$2,577,512			100	138	138	20.55 mi	3x1-785 ACSR "Drake"	Wood H-Frames, Steel Pole Wood DE	Centerline	20.55 mi	n/a	n/a	25 101 (C)(5)(B)
1015118	Henne-Cornal TL Upgrade (T235)	Cornal	Rebuild the existing 138kV transmission line (T235) with new structures and conductor	1/10/2018	5/15/2019	5/15/2019	\$9,574,929	\$10,817,000			100	138	138	7.51 mi	3x1-859 # ACSS/TW "Suwannee"	Steel Poles	Varies	7.51	n/a	n/a	25 101 (C)(5)(B)
1017347	Mendoza-Colton-Eloy (T397)	Caldwell, Travis	Add circuit breakers at Colton Substation. Add OPGW to (T397) Mendoza - Colton - Eloy Replace structures that are currently not capable of supporting OPGW	2/8/2018	5/18/2018	5/18/2018	\$8,900,000	\$4,900,000			100	138	138	12.8 mi	3x1-785 ACSR "Drake"	Concrete Poles, Steel Poles and Wood H-frames	Varies	12.8 mi	n/a	n/a	25 101 (C)(5)(B)
1017387	Harwood-Luling Double Circuit TL OH Phase 1 (T145)(173) - Luling-Waelder TL Add Phase 2 (T145)	Caldwell, Gonzales	Replace 45 double-circuit lattice tower structures with double circuit steel Poles and add OPGW on (T145/T173) Harwood-Luling and Luling-Waelder	2/26/2018	5/14/2019	Phase 1 6/29/2018 Phase 2 5/14/2019	\$ 2,555,441 (phase 1 & 2)	\$ 9.3M (phase 1 & 2)			Phase 1 - 100, Phase 2 - 100	138	138	Phase 1 - 12.9 mi, Phase 2 - 21.85	Phase 1 - 3x2-785 ACSR "Drake", Phase 2 Drake 795 ACSR & 267' & Single	Concrete Poles, Steel Poles & Wood H-frames	100' Centerline	Phase 1 - 12.9 mi, Phase 2 - 21.85 mi	209 OCT 15 PM 2:05	209 OCT 15 PM 2:05	25 101 (C)(5)(B)
1017859	Clear Springs-Marlen TL Addition (418)	Guadalupe	Replace 3 double-circuit lattice tower structures with 3 CREC FS lattice dead-end tower structures. Install OPGW, Repair 1 cage/arm member at Structure #88. Install new bundled Drake between new spans between A-Frames and new Towers and between #108A & #108B	2/15/2018	11/18/2018	11/18/2018		\$3,446,680			100	345	345	8.5 mi	3x2-785 ACSR "Drake"	Steel Lattice	100' Centerline	8.5 mi			25 101 (C)(5)(B)
1017375	Fayetteville - Salem TL Storm Hardening (T177/T211/T210)	Austin, Fayette, Washington	Replace bracing on 40 lattice transmission line structures to meet NESC storm hardening requirements	11/18/2018	2/25/2019	2/25/2019	\$854,229	\$4,247,678	\$4,292,055	1%	100	138/345	138/345	18.35 mi	3x1-785 ACSR "Condon" & 3x2-785 ACSR "Condon"	Steel Lattice	Varies	18.35 mi	n/a	n/a	25 101 (C)(5)(B)
1017858	San Marcos - Kyle Fiber Build-Out (T322)	Hays	Add OPGW from San Marcos to Canyon	3/19/2018	5/18/2018	5/18/2018	\$718,494	\$1,078,893			100	138	138	3.46 mi	2x1-785 ACSR "Drake"	Steel Poles, Concrete Poles	Varies	3.46 mi	n/a	n/a	25 101 (C)(5)(B)
1017403	Sim Glendon-Smithville TL Storm Hardening - (T150)	Bastrop	Increase the reliability of transmission facilities on the Sim Glendon - Smithville 13.8-mile 138-kV transmission line (T150)	7/17/2018	3/18/2019	3/18/2019	\$2,438,690	\$3,514,428			100	138	138	13.8 mi	785 ACSR Drake	Steel Poles & Hybrid Poles	80'	13.8 mi	80	13.8 mi	25 101 (C)(5)(B)
1017854	Ferland-Lago Vista TL Addition (T414)	Travis, Burnet	OPGW add and Tower replacements	7/15/18	3/27/2019	3/27/2019	\$4,630,000	\$7,938,338			100	138	138	21.38	785 CONCORD ACSR/SD	Lattice Towers & Steel Poles	100' Centerline	21.38 mi	100' Centerline	21.38 mi	25 101 (C)(5)(B)

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1017348	Cooke Point TL Addition (CCN)	Burleson	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load serving substation	10/5/2020	1/27/2022		T-Line \$ 35.1 - 43.5M, Substation \$ 5.1 - 6.7 M				0	0	138	17.23 mi	2x1-795 ACSR "Drake"	TBD, Poles and/or H-Frames	0	0.00 mi	Vanes 80'	17.23 mi	45838
1018356	Belville S-Giddens TL Addition (T113) (Belville S-Giddens TL Storm Hardening - 1016355)	Austin County/Colorado	Replace eleven (11) lattice tangent tower structures with steel pole structures to meet storm hardening requirements, the existing rating of the transmission circuit will be maintained at 110 MVA.	8/23/2018	9/20/2019	9/20/2019	\$4,900,000	\$7,916,770			100	69	69	31.24 mi	Existing (11795 ACSR "Drake") New Belville-Str 25 (11959 ACSR "Suwannee" and Str 27-Giddens Steel DE, Lattice Towers, and concrete tangents	Belville-Str 25 Concrete H-Frame and Steel DE Str 27-Giddens Steel DE, Lattice Towers, and concrete tangents	120'	31.24 mi	120'	31.24 mi	25 101 (C)(5)(B)
1017847	Coronado-Fairland TL Addition (T110) (LCRA TSC Fiber Build-Out FY18-1017418)	Burnet/Llano	OPGW is being installed and multiple structures are being replaced or repaired to support the added fiber as part of the FY18 Fiber Build Out program	8/28/2018	5/24/2019	5/24/2019	\$3.2M	\$5.6M			100	138	138	12.41 mi	795 ACSR CONDOR, 795 ACSR Drake, 72 ct OPGW	Steel lattice, & steel Poles	Varies	12.41 mi	n/a	n/a	25 101 (C)(5)(B)
1017842	Gillespie-Horneshoe Bay TL Addition (T448) (LCRA TSC Fiber Build-Out FY18-1017418)	Gillespie/Llano	OPGW is being installed and multiple structures are being replaced or repaired to support the added fiber as part of the FY18 Fiber Build Out program	8/1/2018	11/30/2019	5/13/2019	\$4.5M	\$7.5M			98	138	138	36.43 mi	795 ACSR Drake, 72 Ct OPGW	Steel lattice	Varies	36.43 mi	n/a	n/a	25 101 (C)(5)(B)
1017658	Burnet-Wirtz TL Overhaul (T218) (Burnet-Wirtz TL Overhaul - 1017657)	Burnet	Structure replacement and add OPGW	1/4/2019	12/19/2019		\$3,400,000	\$2,925,345			32	138	138	16.4 mi	795 ACSR Drake	Steel & Wood Poles	Varies	16.4 mi	n/a	n/a	25 101 (C)(5)(B)
1018322	Belville South - Waller TL Storm Hardening (T213) (Belville South - Waller TL Storm Hardening - 1016321)	Austin/Waller	Increase reliability and capacity of transmission facilities on Belville South to Waller	9/4/2018	9/21/2019	8/28/2019	\$13,162,000	\$28,066,545			100	138	138	15.77 mi	795 ACSR Drake	Concrete & steel Pole	Vanes 85'	15.77 mi	n/a	n/a	25 101 (C)(5)(B)
1010353	Blight to Kandat Bolt Tightening (T558/T559)	Williamson	Inspect each tower to tighten bolts and install designed locking mechanisms	9/24/2018	12/21/2018	12/21/2018		\$878,064			100	345	345	138 mi	Bundled 1828 # Cumberland	Lattice Towers & Steel Poles	Vanes 60'-130'	138 mi	n/a	n/a	25 101(C)(5)(B)
1018931	Flatonia-Moulton South TL Addition (T134) (Shiner Circuit Breaker Addition - 1017402)	Lavaca	Increase transmission service reliability to the Shiner Substation	10/9/2018	2/11/2019	2/11/2019		\$191,071			100	138	138	11.1 mi	795 ACSR Drake	Concrete/Steel Poles	30',40',45',60',100'	11.1 mi	n/a	n/a	25 101 (C)(5)(A)
1017830	North McCamey - LCRA Crane TL Addition (T455) King Mountain Circuit Breaker Addition Addition 1017830)	Upton	LCRA will install three circuit breakers, provide real-time monitoring at King Mountain Substation	10/1/2018	8/28/2019	5/10/2019	\$819,682	\$1,600,000			100	138	138	23.08 mi	(2) 795 kmil ACSR "Drake"	Concrete & steel monopoles	Centerline, 60'	23.08 mi	n/a	n/a	25 101 (C)(5)(A)
1017513	Arlene-Naval Base TL Addition (T475) (Arlene TL Relocation - 1017336)	Nueces	Relocate transmission facilities on (T475) and (T476). The present 69-kV configuration at Arlene Substation does not allow for one power bank to serve as a backup for the other during outage	9/24/2019	9/30/2019	9/30/2019	\$178,226	\$209,000			100	69	138	6.38 mi	(1) 795 kmil ACSR/AW "Drake"	Steel Monopole	Centerline, 16'	6.38 mi	n/a	n/a	25 101 (C)(5)(D)
1017515	Arlene-Naval Base TL Addition (T476) (Arlene TL Relocation - 1017338)	Nueces	Relocate transmission facilities on (T475) and (T476). The present 69-kV configuration at Arlene Substation does not allow for one power bank to serve as a backup for the other during outage	3/28/2019	4/16/2019	4/16/2019	\$135,000	\$173,000			100	69	138	7.98 mi	(1) 795 kmil ACSR/AW "Drake"	Steel Monopole	Centerline	7.98 mi	n/a	n/a	25 101 (C)(5)(D)
1018756	Heines-Naval Base TL Addition (T685) (Heines Substation Addition - 1018743)	Nueces	Provide metering facilities. Provide transmission service to a load-serving substation. Provide real-time monitoring facilities at the Heines Substation (Once Heines Substation Addition is complete, the transmission assets on (T476) will be renumbered to T685 Heines - Naval Base)	10/3/2018	10/25/2019		\$468,085	\$598,492			80	69	138	5.3 mi	(1) 795 kmil ACSR/AW "Drake"	Steel Monopole	Centerline	5.3 mi	n/a	n/a	25 101 (C)(5)(A)
1018755	Arlene-Heines TL Addition (T476) (Heines Substation Addition - 1018743)	Nueces	Provide metering facilities. Provide transmission service to a load-serving substation. Provide real-time monitoring facilities at the Heines Substation	10/11/2018	10/25/2019		\$519,285	\$453,000			80	69	138	2.57 mi	(1) 795 kmil ACSR/AW "Drake"	Steel Monopole	Centerline	2.57 mi	n/a	n/a	25 101 (C)(5)(A)

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1018663	RioPecos-HorseCreeking TL Addition (T451/Future T682)	Crane	Provide transmission service to a generator. (The circuit will be added to the open position on the structures on the (T451) Rio Pecos - Crane, after the project is complete the transmission line will be numbered T682 Rio Pecos - Horse Creeking)	10/20/2019	1/21/2021		\$952,312	\$1,310,979			0	0	138	0.78 mi	(2) 795 ACSR Drake	Steel/Concrete Monopoles	80' CL	0.78 mi	n/a	n/a	25 101 (C)(5)(C)
1019260	Winchester-Salem T170 TL Addition (T170) (Winchester Autotransformer Addition - 1017413)	Fayette	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	10/1/2018	5/15/2020		\$749,379	\$2,153,903			63	138	138	37.28 mi	(1) 795 kmil ACSR/AV "Drake"	H-Frames, Steel Poles, & Lattice Towers	100' Centerline	37.16 mi	n/a	n/a	25 101 (C)(5)(A)
1017777	Winchester-Fayetteville TL Addition (T165) (Winchester Autotransformer Addition - 1017413)	Fayette	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	10/1/2018	5/15/2020		\$1,012,865	\$2,382,473			63	138	138	18.82 mi	(1) 795 kmil ACSR/AV "Drake"	H-Frames, Steel Poles, & Lattice Towers	100' Centerline	18.75 mi	n/a	n/a	25 101 (C)(5)(A)
1017550	Raymond F Barker-Comfort TL Addition (T121) (Cypress Creek Circuit Breaker Project 1017351)	Lee/Fayette	Acquire 5 acres and expand new LCRA TSC facilities with a three-ring bus configuration	3/1/2019	5/14/2019	5/14/2019	\$230,513	\$330,000			100	138	138	10.03 mi	1-795 ACSR "Drake"	Steel Monopoles	Varies	10.03 mi	n/a	n/a	25 101 (C)(5)(A)
1017485	Brenham North - Waller TL Addition (T232) (Flood Mitigation - FY2018 System Upgrade 1017378)	Waller, Washington	Reduce flood risk and potential damage to substation equipment	9/23/2019	11/1/2019		\$1,819,270	\$2,157,648			30	138	138	12.84 mi	795 Drake ACSR & 630 0 TYPE 21 ACCS/TWC7 (BETWEEN #171 TO #181)	Concrete Poles, Wood H-frame, Steel H-frame	75' @ single circuit, 85' @ double circuit	12.94 mi	75' @ single circuit, 85' @ double circuit	12.84 mi	25 101 (C)(5)(B)
1019038	Plum - La Grange TL Addition (T208) (Riverside Circuit Breaker Addition - 1018925)	Fayette	Increase the reliability of substation equipment at the Riverside Substation	1/28/2019	5/15/2020		\$358,355	\$1,589,877			70	138	138kV	8.38 mi	795 ACSR GA2 Drake 3/8 EHS OPGW	Wood H-frame	Undefined Centerline	5.58 mi	undefined Centerline	5.58 mi	25 101 (C)(5)(B)
1019276	Harwood-Gonzales (T542) (Gonzales - Harwood TL Overhaul - 1018865)	Gonzales	Increase the reliability and capability of circuit (T542) on Cuero - Luling 63 8-miles of 88-kV transmission line for the 10 miles between City of Gonzales (531) & Harwood Station (5397)	4/1/2019	10/31/2019		\$4,350,429	\$5,484,500			49	69	69 (138kV Capable)	9.27 mi	Single 795 ACSR "Drake"	Concrete & Steel Pole	Blanket, Centerline	8.97 mi	n/a	n/a	25 101 (C)(5)(B)
1017885	North McCarney-Robbins SW TL Addition (T456) (Robbins Switch Circuit Breaker Addition 1017400)	Upton	Provide transmission service to a generator by constructing substation for interconnection	10/31/2018	5/10/2019	5/10/2019		\$77,017			100	138kV	138	5.68 mi	2x 795 Drake ACSR	Concrete Poles	80'	5.68 mi	n/a	n/a	25 101 (C)(5)(A)
1017510	Tunas Creek - Mesa View TL Addition (T620) (Foumille Circuit Breaker Addition 1017580)	Pecos	Increase transmission service reliability to the Foumille Substation (formerly Indian Mesa/Oton/NWP Tap)	11/27/2018	10/15/2019			\$4,879,000			65	138	138	11.68 mi	3x2, 795 kmil "Drake"	Steel & Concrete Poles	80'	11.68 mi	n/a	n/a	25 101 (C)(5)(B)
1017588	Tunas Creek-Mesa View SW TL Addition (T620) (Desert Mesa Circuit Breaker Addition 1017353)	Pecos	Increase transmission service reliability to the Desert Mesa Substation (formerly Desert Sky Tap #1). Provide real-time monitoring facilities at the Desert Mesa Substation. Increase the reliability of transmission facilities on the T620 Tunas Creek - Mesa View transmission line	10/31/2018	5/15/2019	5/15/2019		\$294,333			100	138	138	18.40 mi	3x2, 795 kmil "Drake"	Steel & Concrete Poles	80'	18.4 mi	n/a	n/a	25 101 (C)(5)(A)
1018213	Round Rock TL Relocation (T527, T378)	Williamson	Increase the transmission service reliability to the Round Rock substation and to support the expansion of the substation by Oconor.	1/7/2018	5/7/2019	5/7/2019	\$448,000	\$1,529,332			100	138	138	5.1 mi	(1) 795 ACSR "Drake"	Steel Lattice, Steel H-Frame	100'	5.1 mi	n/a	n/a	25 101 (C)(5)(B)
1016702	Altair - Nada TL Addition (T545) (Gleason Area TL Upgrade - 1018219)	Colorado	OPGW (fiber) installation (T545) and Substation upgrade at Nada and Altair substations from 89kV to 138kV	12/3/2018	5/31/2019	5/31/2019	\$2,312,000	\$8,889,538			100	68	138	14.12 mi	795 Drake ACSR & 267' & Single	Steel, Wood, & Lattice	Blanket	14.12 mi	Blanket	14.1 mi	25 101 (C)(5)(B)
1019321	Lakeview-Marshall Ford T179 Addition (T179) (Lakeview AE Marshall Ford TL SH - 1019066)	Travis	Increase the reliability of circuit (T179) on the Lakeview (AE) - Marshall Ford 2.4 mile 138 kV transmission line	1/25/2019	6/21/2019	6/21/2019	\$438,000	\$3,040,713			100	138	138	2.4 mi	(8x1) 795 ACSR "Drake"	Steel Towers	100'	2.4 mi	n/a	n/a	25 101 (C)(5)(B)
1019603	Lakeview-Marshall Ford Fiber Addition (T179) (LCRA Fiber Backbone FY 18 Telecom Upgrade - 1019084)	Travis	LCRA will install 2.42 miles of 72-count OPGW from Lakeview (AE) to Marshall Ford (T179)	2/13/2019	6/21/2019	6/21/2019	\$392,000	\$450,000			100	138	138	2.4 mi	(8x1) 795 ACSR "Drake"	Steel Towers	100'	2.4 mi	n/a	n/a	25 101 (C)(5)(B)
1017760	Wards-Salem TL Addition (T667,T170) (Wards Circuit Breaker Addition - 1017411)	Fayette	Increase reliability of transmission facilities on the (T170) Winchester-Salem 34.8 mile 138kV transmission line. Cut-in to new A-frames at existing Wards Sub and renumber Wards to Salem as (T667)	12/1/2018	12/20/2018	12/20/2018		\$863,000			100	138	138	34.8 mi	Single (1)phase 795kmil ACSR "Drake"	Steel monopole	100	34.8 mi	n/a	n/a	25 101 (C)(5)(B)

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1019317	Rockport-Fulton T474 TL Addition (T474) Hurricane Response System Upgrade - 1019095	Nueces, Aransas	Increase reliability, repair storm damage, & upgrade circuit (T477) on the N Padre Tap-Port Aransas 18.23-mile 69-kV TL and circuit (T474) on the Fulton-Rockport 13.8-kV 7.36-mile 69-kV TL	2/7/2019	9/23/2019	9/23/2019	\$852,895				100	69	69	7.4 mi	(1x) 795 ACSR/AW Drake	Steel Monopole, Concrete Monopole	Unknown (AEP owned)	-	-	-	25 101 (C)(5)(B)
1017557	Deer Creek-Luling TL Addition (T536) (Deer Creek Circuit Breaker Addition - 1017352)	Guadalupe	Add four 138-kV 3000A, 40kAIC circuit breakers in a ring bus configuration to Deer Creek substation	2/22/2019	5/23/2019	5/23/2019	\$717,517				100	69	69	15.84 mi	Drake 795 ACSR, Single	Concrete & Steel	Blanket	15.84 mi	Blanket	15.84 mi	25 101 (C)(5)(B)
1017499	Bastrop West-Slim Gideon TL Addition (T410) (Flood Mitigation - FY2018 System Upgrade - 1017378)	Bastrop	Reduce flood risk and potential damage to substation equipment	1/4/2019	3/6/2019	3/6/2019	\$897,996	\$1,400,020			100	138	138	8.76 mi	Drake 795 ACSR, Single	Steel (New) & Wood H-frame(Existing)	100'	100'	100'	6.76 mi	25 101 (C)(5)(B)
1019133	Rm Rock - Turtle Creek TL Addition (T270) (Rm Rock - Turtle Creek TL Storm Hardening - 1018958)	Kerr	Increase the reliability of circuit (T270) on the Rm Rock - Turtle Creek 7.6 mile 138kV transmission line	9/16/2020	5/5/2021		\$6,523,068	\$7,002,025			0	138	138	7.6 mi	(1x) 795 ACSR Drake	Steel Monopole	80', 100'	7.6 mi	80, 100	7.6 mi	25 101 (C)(5)(B)
1020430	Marshall Ford-McNeil TL Addition (T161) (Summit T161 TL Relocation - 1020390)	Travis	Relocation of the Marshall Ford to McNeil 69-kV transmission line (T161) at the Austin Energy Summit Substation. The proposed relocation of the line was requested by Austin Energy to the northern section of Summit Sub.	3/4/2019	12/10/2019		\$631,439	\$1,553,000			50	69	69	13.42 mi	Bundled 795 Drake ACSR	Steel Poles	100' CL	0.8 mi	n/a	n/a	25 101 (C)(5)(B)
1018598	Bakersfield to Solstice (CCN) (Bakersfield-Solstice TL Addition - 1018599)	Pecos	Construct a new 345-kV transmission line to connect LCRA TSC's existing Bakersfield station and AEP Texas Solstice Switch Station	12/29/2019	12/23/2020			\$78M			0	0	345	130-190 mi	1926.9 kcmil ACSR(Cumtrel) and (LCRA TSC) and 1580 ACSR (AEP Texas)	Double circuit steel lattice towers	0	0	150'	68 - 92 mi	48787
1017897	Cuberson-Kuntz TL Addition (T271) (Cuberson-Kuntz TL Overhaul - 1017896)	Cuberson	Structure replacement upgrades to steel and concrete Poles	5/28/2019	12/20/2019		\$507,000	\$583,484			60	138	138	28.88 mi	Linnet, 336kcmil 0.721"	Wood	100'	28.88 mi	n/a	n/a	25 101 (C)(5)(B)
1019319	N Padre Tap - Port A. (T-477) (Hurricane Response System Upgrade - 1019095)	Nueces	Increase the reliability, repair storm damage, and upgrade circuit (T477) on the North Padre Tap - Port Aransas 18.23-mile 69-kV transmission line and circuit (T474) on the Fulton - Rockport 13.8-kV 7.36-mile 69-kV transmission line	10/14/2019	12/20/2019		3,163,000				10	69	69	15 mi	795 ACSR/AW Drake x1	Steel monopole, Concrete Monopole, Hybrid Steel/Concrete	(AEP-owned)	NA	n/a	n/a	25 101 (C)(5)(B)
1018337	Elroy - Wolf Lane (T-582) (LCRA TSC FIBER BUILD OUT FY19 - 1018087)	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	3/18/2019	5/13/2019	5/13/2019	\$31,898,000	\$1,317,604			100	138	138	3.78 mi	795 Drake ACSR GA2	Wood H-frame, LD Steel H-frame, Steel Pole, Tower	100'	3.78 mi	n/a	n/a	25 101 (C)(5)(B)
1020260	Red Creek-Amos Creek TL Addition (T424) (Amos Creek Substation Addition - 1020230)	Concho	Transmission line cut-in to provide transmission service to a generator	8/3/2019	2/5/2020		\$1,737,273	\$1,833,578			23	345	345	49 mi	1580 ACSR Falcon x2	Steel Lattice tower	100'	49 mi	n/a	n/a	25 101 (C)(5)(B)
1018327	Austrop-Garfield (T142) (LCRA TSC FIBER BUILD OUT FY19 - 1018097)	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	4/15/2019	11/22/2019		\$31,898,000	\$3,820,638			80	345	345	8.33 mi	Bundled 795 ACSR "Drake"	Lattice Tower	170' Centerline	8.33 mi	n/a	n/a	25 101 (C)(5)(B)
1018374	Marshall Ford - McNeil T161 TL Addition (T161) (Marshall Ford-McNeil TL Relocation - 1018212)	Travis	Increase transmission service reliability to the Austin Energy Hamilton Substation	5/1/2019	6/12/2019	6/12/2019	\$661,759	\$1,754,446			100	69	69	13.4 mi	40 & 795 kcmil ACSR	Lattice Towers & Steel Poles	100'	13.4 mi	n/a	n/a	25 101 (C)(5)(B)
1017654	Winchester-Salem TL Addition (T170) (T697) (Salem-Winchester T170 TL OH - 1017654)	Fayette	Increase the reliability and capability of circuit T170 on the Salem - Winchester 37.18-mile 138-kV transmission line	6/17/2019	2/26/2020		\$5,700,000	\$5,748,000			44	138	138	37.18	795 ACSR Drake (single)	Wood H-frame, Steel Lattice, Steel Monopole	Vanes	37.18 mi	n/a	n/a	25 101 (C)(5)(B)
1021300	Granite Mountain - Marble Falls TL Upgrade (Marble Falls Double Circuit TL Upgrade - 1020559)	Burnet	Increase the reliability of transmission facilities on the T195 Granite Mountain - Marble Falls 4.1-mile 138-kV transmission line	11/1/2019	3/20/2020			\$3,285,621			0	138	138	4.08	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	Varies 80' - 100'	4.08	n/a	n/a	25 101 (C)(5)(B)

LCRA TSC
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Public Utility Commission of Texas
Project No. **49066**

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
1015579	Far Cate Ranch - Esperanza TL Addition (T503) [Esperanza Substation Addition - 1016187]	Kendall	LCRA TSC will build a 138kV substation and cut-in T503 to provide transmission/metering services and real-time monitoring facilities	9/6/2019	11/22/2019			\$1,053,522			42	138	138	8.25	Single 765 kcmil ACSR	Steel Poles	100'	8.11	80'	8.25	25 101 (C)(5)(B)
1016745	Flatonia-Hallettsville TL Addition (T132) [Flatonia - Hallettsville TL Upgrade - 1016188]	Fayette Lavaca	Upgrade the capacity of the 18.7 mile Flatonia-Hallettsville 138-kV transmission line from 128 MVA to 380 MVA using 959 ACSR Suwannee conductors and OPGW	9/27/2019	5/14/2020		\$8,338,490	\$7,000,000			5	138	138	18.68	Single 959.9 kcmil ACSR/TW	Wood H-Frame & Steel Poles	100'	15.68	100'	18.68	25 101 (C)(5)(B)
1017708	Geronimo-Saguin TL Addition T499 [Jim Briley Substation Addition - 1017404]	Guadalupe	LCRA TSC will construct a new 138-kV substation between the Geronimo Substation and Saguin Substation. LCRA TSC will extend T-499 Geronimo to Saguin 138-kV transmission line for approximately 500 feet in and out of the Stempel Substation to terminate on A-frame structures at the substation	9/16/2019	10/11/2019			\$987,000			65	138	138	2.78	1433.6 kcmil ACSR/TW	DC Concrete Poles	100	2.78 mi	n/a	n/a	25 101 (C)(5)(B)
1019301	Kendall-Comfort T243 TL Addition (T243) [BoerneCico-Comfort/Kendall TL Upgrade - 1019089]	Kendall	Increase capacity and reliability of the transmission facilities of the Boerne Cico - Comfort 17-mile 138kV transmission circuit (T148) and the Comfort-Kendall 11-mile 138-kV transmission circuit (T243)	10/21/2019	3/1/2020			\$4,784,350			0	138	138	1.08 mi	Bundled 959.6 SUWANNEE ACSR/TW	Steel Single Poles/Tower/ Steel H-Frame	100'	1.08 mi	n/a	n/a	25 101 (C)(5)(B)
1019303	BoerneCico-Comfort T148 TL Addition (T148) [BoerneCico-Comfort/Kendall TL Upgrade - 1019089]	Kendall	Increase capacity and reliability of the transmission facilities of the Boerne Cico - Comfort 17-mile 138kV transmission circuit (T148) and the Comfort-Kendall 11-mile 138-kV transmission circuit (T243)	10/21/2019	5/15/2020			\$4,415,710			0	138	138	18.93 mi	Bundled 785 DRAKE ACSR	Steel Single Poles	100'	18.93 mi	n/a	n/a	25 101 (C)(5)(B)
1018934	Fayetteville - Winchester TL Upgrade (T165) [Fayetteville-Winchester TL Upgrade - 1018933]	Fayette	Increase capacity and capability of circuit T165 on the Fayetteville - Winchester 138-kV upgrade	9/1/2019	4/27/2020			\$14,870,056			15	138	138	18.9 mi	1433 kcmil ACSR/TW Merrimack	steel monopoles	100'	18.9 mi	n/a	n/a	25 101 (C)(5)(B)
1019122	T155 Giddings - Lyle Wolz Addition (T155) [Lexington CB Addition - 1018914]	Lee	Add two new structures to accommodate substation expansion. Increase transmission service reliability to the Lexington Substation	8/12/2019	10/1/2019	10/1/2019		\$625,546			100	138	138	21 mi	795 ACSR	steel monopoles	100'	21 mi	n/a	n/a	25 101 (C)(5)(B)
1017394	Mountain Home TL Addition (CCN)	Kerr, Gillespie, Kimble	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new load serving substation	8/1/2021	12/27/2022		T-line \$40 - \$53M Substation \$7.3 - \$7.4M				0	0	138	21-29 mi	795 kcmil 267' ACSR "Drake"	tbl steel or concrete poles	0	0.00 MI	varies, 100	21-29 mi	49523
1021684	Rim Rock-Jack Furman TL Add (T381) [Flood Mitigation - 1021063]	Kerr	Replace structure 38 on T381 due to storm water erosion	11/4/2019	11/15/2019		\$181,000				0	138	138	5.688	336.4 ACSR (267') "Lynch" Single	Steel Monopoles & Tower	80'	5.688	n/a	n/a	25 101 (C)(5)(B)
1019026	Fayetteville - Glidden TL Addition (T176) [Fayette Area TL Upgrades - 1018913]	Fayette, Colorado	Increase the capacity of the Fayetteville to Glidden 138-kV transmission circuit (T176)	8/20/2018	5/28/2020		\$8,708,509				8	138	138	20.02	Single 959.6 ACSR/TW Suwannee & Single OPGW (APL DND-11243) Static	Steel Monopoles, Hybrid H-Frames	100'	20	n/a	n/a	25 101 (C)(5)(B)
1020270	Amos Creek-Bow Wood TL Add (T708) [Amos Creek Substation Addition - 1020230]	Concho, Tom Green	Provide transmission service to a generator	9/3/2019	2/5/2020		\$211,845				23	138	138	49.33	(2x) - 1590 kcmil ACSR Falcon	Steel Lattice, Steel monopoles	180	48.33	n/a	n/a	25 101 (C)(5)(B)
1019325	McNeil - Gilkland Creek (T147) [LCRA TSC FIBER BUILD OUT FY19 - 1019087]	Travis	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	1/13/2020	4/1/2020		\$642,000				0	138	138	7.62	1433.6 ACSR/TW "MERRIMACK" / Single	Steel Monopoles & Tower	100'	7.62	n/a	n/a	25 101 (C)(5)(B)
1015341	Paige - Winchester TL Addition (T615) [LCRA TSC FIBER BUILD OUT FY19 - 1019087]	Beehop	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	9/23/2019	12/29/2019		\$1,449,232				25	138	138	14.85	Bundled Lint and Single Drake	Steel Mono Pole, Wood H-Frame, Concrete # Poles	100	14.85	n/a	n/a	25 101 (C)(5)(B)
1018935	Wells Branch - Round Rock (T527) [LCRA TSC FIBER BUILD OUT FY19 - 1019087]	Travis, Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	8/18/2019	11/1/2019		\$385,407				30	138	138	5.28	(2) 785 KCMIL ACSR/A2 "DRAKE"	Steel/Concrete Pole, Concrete H-Frame	100	5.28	n/a	n/a	25 101 (C)(5)(B)

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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
1017767	Sim Gideon-Winchester TL Addition (T152) [Winchester Autotransformer Additions - 1017413]	Bastrop	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	9/1/2019	5/15/2020		\$2,015,964				14	138	138	20.74	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	Varies (75R & 100R)	20.74	Varies (75R & 100R)	20.84	25 101 (C)(5)(B)
1017769	Smithville-Winchester TL Addition (T175) [Winchester Autotransformer Additions - 1017413]	Bastrop	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	9/1/2019	5/15/2020		\$643,445				14	138	138	15.10	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	Varies (80R & 100R)	15.1	Varies (80R, 100R, Aerials to 180R)	14.7	25 101 (C)(5)(B)
1017771	Winchester - Piney Creek TL Addition (T185) [Winchester Autotransformer Additions - 1017413]	Fayette	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	9/1/2019	5/15/2020		\$562,421				14	138	138	1.38	Single 1433 6 34/19 ACSR/TW Martindale/TW	Lattice Towers & Steel Poles	100R	1.38	100R	1.59	25 101 (C)(5)(B)
1017773	Winchester - Giddings TL Addition (T222) [Winchester Autotransformer Addition - 1017413]	Bastrop	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	9/1/2019	5/15/2020		\$774,103				14	138	138	10.51	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	Varies (75R & 100R)	10.51	Varies (75R, 100R)	10.68	25 101 (C)(5)(B)
1017775	Page-Winchester TL Addition (T615) [Winchester Autotransformer Additions - 1017413]	Lee	LCRA TSC will install a new autotransformer capacity, add new structures Winchester Substation	9/1/2019	5/15/2020		\$807,091				14	138	138	14.83	Single 795 26/7 ACSR Drake	Lattice Towers & Steel Poles	100R CL	14.83	100R CL	15.09	25 101 (C)(5)(B)
1018759	Crane-Rio Pecos TL Add (T451) [Castle Mountain Substation Addition - 1018744]	Upton, Crane	Cut-in T451 to a new substation. Provide transmission service (new Castle Mountain substation) for Solar Prime LLC	9/5/2019	3/26/2020		\$2,740,880				3	138	138	0.044	Bundled 795 ACSR Drake, Single 3/8 EHS Static & Single DNO-11243	Steel Monopole Dead End	n/a	n/a	n/a	n/a	25 101 (C)(5)(B)
1017649	LaGrange - FPP 138kV TL Addition (T263) [FPP 138kV - La Grange TL Overhaul - 1017648]	Fayette	Increase the reliability and capability of circuit T263 on the FPP 138kV - La Grange 7.8-mile 138-kV transmission line	1/24/2020	5/14/2020		\$1,520,674				0	138	138	7.89	Single 795 ACSR Drake & 2 OPGW (AFL DNO-11243) & (ALCOA 52 OPT-GW)	Steel Monopole Dead End, Wooden H-Frame Tangent	100'	7.8	n/a	n/a	25 101 (C)(5)(B)
1018333	Round Rock - Chief Brady (T378) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	11/4/2019	1/10/2020		\$469,500				0	138	138	1.2	(1) 795 ACSR/GA2 "Drake", RR AF to #558 has (2) 558 ACSR/TWHS "Savannah"	Steel H-frame, steel lattice	100' CL	1.2	n/a	n/a	25 101 (C)(5)(B)
1018329	Chief Brady - Georgetown (T355) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	1/13/2020	2/28/2020		\$950,000				0	138	138	3.17	(1) 795 ACSR/GA2 "Drake"	Steel Lattice and pole, Steel H-Frame	100'	3.0	n/a	n/a	25 101 (C)(5)(B)
1018339	Georgetown - Rivery (T587) [LCRA TSC FIBER BUILD OUT FY18 - 1019097]	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	3/2/2020	5/26/2020		\$1,367,300				0	138	138	5.1	(1) 795 ACSR/GA2 "Drake"	Steel H-frame, concrete pole, steel pole	50' CL, blanket	5.10	n/a	n/a	25 101 (C)(5)(B)
1018210	Athar-Giddens TL Addition (T544) [Kiermann (Columbus) CB Addition - 1018910]	Upton, Crockett	Increase reliability of transmission facilities on the T544 Giddens-Athar 12.22-mile 69-kV TL	11/4/2019	2/10/2020			\$1,254,000			0	69	138	3.33	795 ACSR Drake, single	Steel & Concrete monopoles	80' Blanket	12.41	80' Blanket	n/a	25 101 (C)(5)(B)
1017538	Geforth-Turnersville TL Addition (T272) [Crowswade Substation Addition-1017348]	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-ring bus configuration	11/4/2019	1/24/2020			\$975,000			0	138	138	3.77	795 ACSR Drake, single	Lattice, Wood H-frame, Steel monopole	100	6.68	100	3.77	25 101 (C)(5)(B)
1017540	Crowswade-Geforth TL Addition (T681) [Crowswade Substation Addition-1017348]	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-ring bus configuration	11/4/2019	1/24/2020			\$101,718			0	138	138	3.31	795 ACSR Drake, single	Wood H-frame, Steel monopole	100	n/a	100'	n/a	25 101 (C)(5)(B)
1014015	Camp Wood - Leskey TL Addition (T269) [Camp Wood - Leskey TL Overhaul - 1016183]	Real	Increase the reliability of transmission facilities on the T269 Camp Wood-Leskey 17.3 mile 69 kV transmission line and upgrade the line to 795 ACSR Drake conductor (111 MVA at 69-kV) 138-kV capable with an OPGW shield wire	1/13/2020	6/25/2021			\$26,526,469			0	69	138	17.32	Single 795 ACSR Drake	Steel & Lattice	Varies - 60	17.32	n/a	n/a	25 101 (C)(5)(B)

AFFIDAVIT OF NOTICE

§

STATE OF TEXAS

§

§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 October 15, 2019 LCRA Transmission Services Corporation completed a search and mailed notice to:

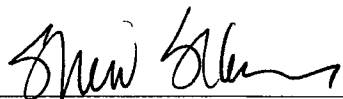
- (a) owners of land crossed by the existing transmission facility to be modified – T-269, 69 kilovolt transmission line Camp Wood - Leakey

In accordance with P.U.C. Proc. Rule 25.83, on or before October 15, 2019 LCRA Transmission Services Corporation mailed by first class mail:

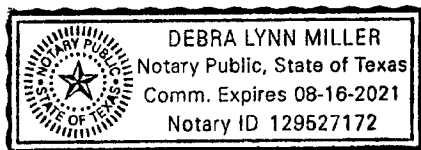
- (b) notice to Bandera Electric Cooperative, whose certified service areas are crossed by T-269, 69 kilovolt transmission line Camp Wood – Leakey
- (c) notice to AEP Texas whose certified service areas are crossed by T-269, 69 kilovolt transmission line Camp Wood – Leakey

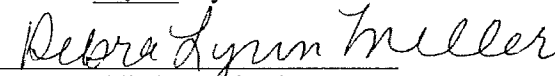
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls Real County. The certificated utilities described in b above, were ascertained by reference to Public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

SIGNED on this the 14th day of October, 2019


AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 14th day of October 2019




Notary Public in and for the
State of Texas