



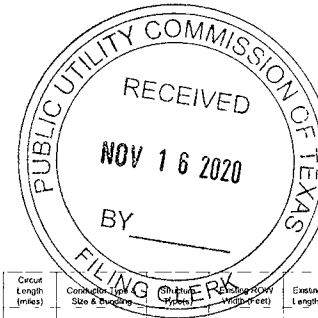
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LCRATSC
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
November 2020



Public Utility Commission of Texas
Project No 50421

Utility 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 & Voltage	Number of Poles	Number of Cross-arms	Existing ROW Length (Miles)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments	
1010656	Burnsville TL Addition (CCN)	Gregg-Kendall Blanca	Construct a new 138 kV transmission line connecting the new Burnsville (C9-C) Substation to a tap point on the Kendall Mountain Top 138 kV transmission line (T342)	10/2/2017	5/16/2018	5/16/2018	T Line \$18.9 - 22.9M Substation \$1.4 - 2.2M Tap Point \$1.4 - 3.2M				100	0	138	14.4	3x1.795 ACSS Drake	Poles 6 H Frames	0	0	100	14.4	43599	12/6/11 PUC Approved Route 16 approved route cost estimate in CCM application for transmission line \$27.5M substation 1.8M tap-point \$1.8M
1015298	Zim-Meroux TL Addition (CCN)	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 \$48.8 - 62M existing substation work \$7.9M				100	0	345	20.12	3x2.959 6 ACSS TW Stavrom	Steel Poles	V Vires	7.11	Vares 40.209	20.24	45401	9/15/16 PUC Approved Route 10M approved route cost estimate in CCM application for transmission line \$27.5M substation 1.8M tap-point \$1.8M
1014910	TXDOT US 83 Right-of-Way (GRS) (T484)	Star	Modify existing transmission line (T484) from Grande City-La Grulla to accommodate road expansion by TXDOT	11/6/2018	11/10/2018	11/10/2018		\$266,000			100	125	138	31.66	3x1.795 ACSS/RAW Drake AW	Steel Poles	Vares	31.6	n/a	n/a	25.101 (C25)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 local-serving substations	1/2/2018	6/4/2020	6/4/2020	T Line \$49 - 81.6M Substation \$7.9M				100	0	138	14.22	3x2.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 60.100	11.27	45866	6/6/17 PUC Approved Route LHD 1 approved route cost estimate in CCM application for transmission line \$57.5M substation 1.8M tap-point \$1.8M
1017174	Maya Central Texas TL Addition (T484)	Star	Construct a new 138 kV transmission line to provide a transmission point of interconnection to two local-serving substations	1/2/2018	6/4/2020	6/4/2020	T Line \$49 - 81.6M Substation \$7.9M				100	0	138	14.22	3x2.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 60.100	11.27	45866	6/6/17 PUC Approved Route LHD 1 approved route cost estimate in CCM application for transmission line \$57.5M substation 1.8M tap-point \$1.8M
1017996	Hamilton Road - Urduja Phase Addition (T479) (T424) & (T444)	Val Verde-Kinney Julesburg	Replace 75 structures to support new GPCW	12/9/2018	3/10/2019	3/10/2019		\$10,792,000			100	148	138	70.8	3x1 ACSS Drake	Steel Poles	Vares	70.8	n/a	n/a	25.101 (C25)B	
1017614	Kendall-Friderichsburg TL Phase Addition (T479) (T424) & (T444)	Kendall-Kinney Julesburg	Replace 75 structures to support new GPCW	12/9/2018	3/10/2019	3/10/2019		\$10,792,000			100	148	138	70.8	3x1 ACSS Drake	Steel Poles	Vares	70.8	n/a	n/a	25.101 (C25)B	
1015114	Heine-Consolidated TL Upgrade (T479)	Comal	Upgrade existing 138 kV transmission line to 345 kV with new conductors and towers	11/1/2018	5/15/2019	5/15/2019		\$1,111,000	\$1,111,000	1	100	138	345	2.51	3x1.795 ACSS TW Stavrom	Steel Poles	Vares	2.51	n/a	n/a	25.101 (C25)B	
1017347	Mercedes-Consolidated TL Upgrade (T479)	Comal	Upgrade existing 138 kV transmission line to 345 kV with new conductors and towers	11/1/2018	5/15/2019	5/15/2019		\$1,111,000	\$1,111,000	1	100	138	345	2.51	3x1.795 ACSS TW Stavrom	Steel Poles	Vares	2.51	n/a	n/a	25.101 (C25)B	
1017357	Imperial-Loring Double Circuit TL On-Off Station (T479) (T424) & (T444)	Comal-Kinney Julesburg	Replace 75 structures to support new GPCW	12/9/2018	3/10/2019	3/10/2019		\$10,792,000			100	148	138	70.8	3x1 ACSS Drake	Steel Poles	Vares	70.8	n/a	n/a	25.101 (C25)B	
1017250	Lee-Sprague-Meroux TL Addition (T479)	Guadalupe	Construct a new 138 kV transmission line to provide a transmission point of interconnection to two local-serving substations	1/2/2018	6/4/2020	6/4/2020	T Line \$49 - 81.6M Substation \$7.9M				100	0	138	14.22	3x2.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 60.100	11.27	45866	6/6/17 PUC Approved Route LHD 1 approved route cost estimate in CCM application for transmission line \$57.5M substation 1.8M tap-point \$1.8M
1012857	San Marcos-Grande Bend TL Addition (T479)	Blanca	Construct a new 138 kV transmission line to provide a transmission point of interconnection to two local-serving substations	1/2/2018	6/4/2020	6/4/2020	T Line \$49 - 81.6M Substation \$7.9M				100	0	138	14.22	3x2.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 60.100	11.27	45866	6/6/17 PUC Approved Route LHD 1 approved route cost estimate in CCM application for transmission line \$57.5M substation 1.8M tap-point \$1.8M
1014011	Lee-Graham-Hamilton TL Addition (T479)	Guadalupe	Construct a new 138 kV transmission line to provide a transmission point of interconnection to two local-serving substations	1/2/2018	6/4/2020	6/4/2020	T Line \$49 - 81.6M Substation \$7.9M				100	0	138	14.22	3x2.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 60.100	11.27	45866	6/6/17 PUC Approved Route LHD 1 approved route cost estimate in CCM application for transmission line \$57.5M substation 1.8M tap-point \$1.8M
1017614	Kendall-Friderichsburg TL Phase Addition (T479) (T424) & (T444)	Kendall-Kinney Julesburg	Replace 75 structures to support new GPCW	12/9/2018	3/10/2019	3/10/2019		\$10,792,000			100	148	138	70.8	3x1 ACSS Drake	Steel Poles	Vares	70.8	n/a	n/a	25.101 (C25)B	
1017348	Cooks Point TL Addition (CCN)	Brewster	Construct a new 138-kV transmission line to provide a transmission point of interconnection to a new local-serving substation	7/1/2020	5/6/2021		T Line \$20.5 - 34.1M Substation \$6.1 - 9.1M				10	0	138	17.23	3x1.795 ACSS Drake	TED Poles and/or H Frames	0	0	Vares 80	17.23	45838	6/1/19 PUC Approved Route 12 approved route cost estimate in CCM application for transmission line \$29M substation \$6.1M
1018356	Bullhead-Slickhorn TL Addition (T113)	Austin Comal/Colorado	Replace 11 lattice tower structures with steel pole structures to meet storm hardening requirements, the existing rating of the transmission circuit will be maintained at 115 MVA	9/2/2018	9/20/2019	9/20/2019		\$10,629,000			100	64	69	31.28	1x1.795 ACSS Drake New Entrance-Str 2x1.795 ACSS Stavrom and Str 27 Golden (1.795 ACSS Drake	Bellevue-Str 28 Concrete H Frames and Steel DE Str 27 Golden Steel DE Lattice Towers and Concrete Landscape	120	31.28	140	21.24	25.101 (C25)B	

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1021300	Grady Mountain - Marble Falls TL Upgrade (Marble Falls Double Circuit TL Upgrade 1020558)	Burnet	Increase the reliability of transmission for lines on the T195 Grady Mountain - Marble Falls 4.1 to 138 kV transmission line	11/11/2019	4/3/2020	4/3/2020	\$4,204,000			100	138	138	4.08	Single 795 kcmil ACSR Drake	Lattice Towers & Steel Poles	Varies 80-100	4.08	n/a	n/a	25 101 (C)(5)(B)	
1016579	Far Oaks Ranch - Espinosa TL Addition (1593) (Espinosa Substation Addition 1016187)	Kendall	LCRA TSC will build a 138kV substation and cut on T591 to provide transmission metering services and real time monitoring facilities	9/6/2019	10/25/2019	10/25/2019	\$1,770,000			100	138	138	8.25	Single 795 kcmil ACSR	Steel Poles	100	8.11	80	8.25	25 101 (C)(5)(B)	
1016745	Fluorine - Hallettsville TL Addition (1132) (Fluorine - Hallettsville TL Upgrade 1016188)	Fayette-Lavaca	Upgrade the capacity of the 18.7 to Fluorine Hallettsville 138 kV transmission line from 138 MVA to 300 MVA using 950 ACSES Sunwinder conductors and OPGW	10/11/2019	5/15/2020	5/15/2020	\$10,150,000			100	138	138	10.68	Single 950 kcmil ACSES TW	Wood H frames & Steel Poles	100	10.68	100	10.68	25 101 (C)(5)(B)	
1017708	Grinnam - Siguen TL Addition (2496) (Jim Boley Substation Addition 1017450)	Guadalupe	Construct a new 138 kV substation between the Grinnam Substation and Siguen Substation. LCRA TSC will extend (T-499) Grinnam to Siguen 138 kV transmission line for approximately 592 feet in and out of the Siguen Substation to terminate on its frame structures at the substation	1/11/2019	10/17/2019	10/17/2019	\$4,710,000			100	138	138	2.79	1111 & 141 ACSS/TW	DC Concrete Poles	100	2.79	n/a	n/a	25 101 (C)(5)(B)	
1011901	Kendall - Comfort T443 TL Addition (2423) (Bernalillo-Comfort-Kendall TL Upgrade 1011900)	Kendall	Increase capacity and reliability of the transmission facilities of the Bernalillo-Comfort T443 138 kV transmission circuit (T1443) and the Comfort - Kendall T11 to 138 kV transmission circuit (T1443)	10/21/2019	2/2/2020	1/11/2020	\$2,458,000			100	138	138	1.68	Bundled 950 kcmil SUNWINDER ACSS/TW	Steel Single-Pole Wood Tower Steel H frame	100	1.08	n/a	n/a	25 101 (C)(5)(B)	
1011303	Bernalillo-Comfort T148 TL Addition (2148) (Bernalillo-Comfort-Kendall TL Upgrade 1011900)	Kendall	Increase capacity and reliability of the transmission facilities of the Bernalillo-Comfort T148 138 kV transmission circuit (T148) and the Comfort - Kendall T11 to 138 kV transmission circuit (T148)	5/8/2019	5/11/2020	5/11/2020	\$9,237,000			100	138	138	10.93	Bundled 775 DRAKE ACSR	Steel Single Poles	100	16.93	n/a	n/a	25 101 (C)(5)(B)	
1018614	Fayetteville - Winchester TL Upgrade (1165) (Fayetteville-Winchester TL Upgrade 1018333)	Fayette	Increase capacity and capability of circuit T1165 on the Fayetteville - Winchester 138 kV upgrade	9/1/2019	3/2/2020	3/2/2020	\$15,240,000			100	138	138	18.9	1433 kcmil ACSS/TW Varnopack	steel monopoles	100	18.9	n/a	n/a	25 101 (C)(5)(B)	
1017122	Giddings - Lyle-Water TL Addition (1105) (Lyle-Water TL Addition 1018334)	Lee	Add two new structures to accommodate substation expansion. Increase transmission service reliability to the Lyle-Water Substation	8/12/2019	10/1/2019	10/1/2019	\$260,400			100	138	138	21	775 ACSR	steel monopoles	100	21	n/a	n/a	25 101 (C)(5)(B)	
1017194	Mountain Home TL Addition (CCK)	Kerr-Gillespie-Kimble	Construct a new 138 kV transmission line by providing a transmission point of interconnection between a new transmission substation	8/1/2021	12/31/2022		Time \$60.5 - 504-146 Substation \$7.1 \$7.1M			0	0	138	21.29	795 kcmil ACSR Drake	100 steel or concrete poles	0	0	varies 100	21.29	45523	7.620 - PUC Approved Route. Hunt 17A, approved route construction in CCR application for transmission line 557M substation 57.3M
1017411	Red Bluff - Lyle-Water TL Addition (1105) (Lyle-Water TL Addition 1018334)	Lee	Add two new structures to accommodate substation expansion. Increase transmission service reliability to the Lyle-Water Substation	8/12/2019	10/1/2019	10/1/2019	\$260,400			100	138	138	21	775 ACSR	steel monopoles	100	21	n/a	n/a	25 101 (C)(5)(B)	
1015605	Fayetteville - Giddings TL Addition (1176) (Fayetteville TL Upgrade 1016187)	Fayette-Columbia	Increase the capacity of the Fayetteville to Giddings 138 kV transmission circuit (T176)	3/11/2019	5/14/2020	5/14/2020	\$7,870,000			100	138	138	20.02	Single 950 kcmil ACSS/TW Sunwinder & Single OPGW (48 L OH) 114433 Static	Steel Monopoles Hybrid H Frames	100	20	n/a	n/a	25 101 (C)(5)(B)	
1020270	Amos Creek - Row-Wood TL Addition (1709) (Amos Creek Substation Addition 1020730)	Comanche-Tom Green	Provide transmission service to a generator	9/30/2019	3/17/2020	5/14/2020	\$135,000			100	138	138	49.33	(775) 1590 kcmil ACSR Poles	Steel Lattice Steel Monopoles	160	49.33	n/a	n/a	25 101 (C)(5)(B)	
1019325	McNeal - Giddings Creek (1147) (LCRA TSC FIBER BUILD OUT FY19 1019097)	Texas	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	10/01/2019	3/31/2020	5/31/2020	\$1,015,000			100	138	138	7.62	1443 kcmil ACSS/TW METRIMAX 775 Single	Steel Monopoles & Towers	100	7.62	n/a	n/a	25 101 (C)(5)(B)	
1019341	Page - Winchester TL Addition (1815) (LCRA TSC FIBER BUILD OUT FY19 1019097)	Bastrop	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	9/23/2019	12/8/2019	5/14/2020	\$1,127,000			100	138	138	14.85	Bundled Linn and Single Drake	Steel Horse Pole Wood H Frame Concrete H Poles	100	14.85	n/a	n/a	25 101 (C)(5)(B)	
1019115	Wells Branch - Round Rock (1527) (LCRA TSC FIBER BUILD OUT FY19 1019097)	Texas-Williamson	Increase the reliability and capacity of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	9/16/2019	11/10/2019	11/10/2019	\$601,000			100	138	138	5.28	147 795 kcmil ACSS/TW DRAKE	Steel Monopoles Pole Concrete H Frame	100	5.28	n/a	n/a	25 101 (C)(5)(B)	
1017767	Stin-Giddings - Winchester TL Addition (1152) (Winchester Substation Addition 1017413)	Wise	Install a new substation capacity add new structures Winchester Substation	9/10/2019	4/27/2020	5/14/2020	\$400,000			100	138	138	20.74	Single 795 kcmil ACSR Drake	Lattice Towers & Steel Poles	Varies (75-100)	20.74	Varies (75-100)	20.84	25 101 (C)(5)(B)	
1017769	Smithville - Winchester TL Addition (1176) (Winchester Substation Addition 1017413)	Bastrop	Install a new substation capacity add new structures Winchester Substation	9/10/2019	4/27/2020	5/14/2020	\$737,000			100	138	138	15.10	Single 795 kcmil ACSR Drake	Lattice Towers & Steel Poles	Varies (80-100)	15.1	Varies (80-100) And on to 105	14.7	25 101 (C)(5)(B)	
1017771	Winchester - Freney Creek TL Addition (1186) (Winchester Substation Addition 1017413)	Fayette	Install a new substation capacity add new structures Winchester Substation	9/10/2019	3/18/2020	5/14/2020	\$1,295,000			100	138	138	1.38	Single 1133 kcmil ACSR TW Monomax TW	Lattice Towers & Steel Poles	100	1.38	100	1.59	25 101 (C)(5)(B)	

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1017773	Winchester - Giddings TL Addition (T223) (Winchester Autotransformer Addition - 1017413)	Bastrop	Install new autotransformer capacity add new structures Winchester Substation	9/1/2019	3/17/2020	5/14/2020		\$837,000		100	138	138	10.51	Single 795 26.7 ACSR Drake	Lattice Towers & Steel Poles	Varies 75-100	10.51	Varies 75-100	10.61	25.101 (C)(5)(B)		
1017775	Pearl - Winchester TL Addition (T615) (Winchester Autotransformer Addition - 1017413)	Lee	Install a new autotransformer capacity add new structures Winchester Substation	5/1/2019	4/27/2020	5/14/2020		\$650,000		100	138	138	14.83	Single 795 26.7 ACSR Drake	Lattice Towers & Steel Poles	100 Centerline	14.83	100 Centerline	15.09	25.101 (C)(5)(B)		
1018759	Craw - Bull Price TL Addition (T451) (Craw Mountain Substation Addition - 1018744)	Union - Craw	Cut in T451 to a new substation. Provide transmission voltage from Craw Mountain substation for Solar Price LLC	9/5/2019	10/27/2019	5/14/2020		\$410,000		100	138	138	0.4	Bundled 795 ACSR Drake - Single 19 EHS Steel & Single DND 11241 OPGW	Steel Monopoles Steel Pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(B)		
1017648	LaGrange - FPP 138kV TL Addition (T253) (FPP 138kV La Grange TL Overhaul - 1017648)	Fayette	Increase the reliability and capability of circuit T253 on the FPP 138kV - La Grange 7.5 to 138 kV transmission line	12/1/19	5/15/2020	5/15/2020		\$4,040,000		100	138	138	7.89	Single 795 ACSR Drake & 2 OPGW (AL L DND 11241) & (ALCOA 52 OPGW)	Steel Monopoles Steel Poles	100	7.8	n/a	n/a	25.101 (C)(5)(B)		
1019111	Round Rock - Chief Brady (T378) (LCRA TSC FIBER BUILD OUT FY19 - 1019097)	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	1/1/2019	11/18/2019	11/18/2019		\$450,000		100	138	138	1.2	(1) 795 ACSR/DL Drake - RR AP to #558 bus (2) 959 ACSR/TW 185 - Substation	Steel H frame Steel Lattice	100 Centerline	1.2	n/a	n/a	25.101 (C)(5)(B)		
1019329	Chief Brady - Georgetown (T355) (LCRA TSC FIBER BUILD OUT FY19 - 1019097)	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	1/1/2019	3/22/2020	4/2/2020		\$855,000		100	138	138	3.17	(1) 795 ACSR/DL Drake	Steel Lattice and pole Steel H Frame	100	3.0	n/a	n/a	25.101 (C)(5)(B)		
1019196	Georgetown - Roney (T597) (LCRA TSC FIBER BUILD OUT FY19 - 1019097)	Williamson	Increase the reliability and capability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment	1/1/2020	11/11/2020			\$874,000		0	138	138	5.1	(1) 795 ACSR/DL Drake	Steel H frame concrete pole steel pole	50 Centerline Street	5.10	n/a	n/a	25.101 (C)(5)(B)		
1019210	Altair - Golden TL Addition (T543) (Kernum (Columbus) CB Addition - 1018910)	Upton - Crockett	Increase reliability of transmission facilities on the T544 Golden Altair 12.22 to 69 kV TL	1/1/2019	2/10/2020	5/14/2020		\$37,000		100	69	138	3.33	795 ACSR Drake single	Steel & Concrete monopoles	80 Biview	12.41	80 Biview	n/a	25.101 (C)(5)(B)		
1017554	Goffish Turner TL Addition (T272) (Crossroads Substation Addition - 1017348)	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-step line configuration	1/1/2019	5/14/2020	5/14/2020		\$1,078,000		100	138	138	1.77	795 ACSR Drake single	Lattice Wood H frame Steel monopoles	100	5.69	100	1.77	25.101 (C)(5)(B)		
1017640	Crossroads - Goffish TL Addition (T614) (Crossroads Substation Addition - 1017348)	Hays	Acquire 7.5 acres and expand new LCRA TSC facilities with a three-step line configuration	3/10/2020	5/14/2020	5/14/2020		\$10,000		100	138	138	2.21	795 ACSR Drake single	Wood H frame Steel monopoles	100	n/a	100	n/a	25.101 (C)(5)(B)		
1014015	Camp Wood - Leakey TL Addition (T459) (Camp Wood - Leakey TL Overhaul - 1016183)	Brew	Increase the reliability of transmission facilities on the T459 Camp Wood-Leakey 17.1 to 69 kV transmission line and upgrade the line to 795 ACSR Drake conductor (11.5MVA - 69 kV) - 138 kV conductors with an OPGW shield wire	1/1/2019	6/30/2021			\$41,478,000		0	69	138	17.32	Single 795 ACSR Drake	Steel & Lattice	Varies 60	17.32	n/a	n/a	25.101 (C)(5)(B)		
1019114	Leakey - Zuni TL Addition (T158) (Leakey - Zuni TL Overhaul - 1019111)	Guadalupe	Increase the reliability of transmission facilities on T158	2/1/2020	5/15/2021			\$10,551,000		40	138	138	26.02	795 ACSR Drake	Concrete and Steel poles	100	26.02	n/a	28.02	25.101 (C)(5)(B)		
1020456	Hidden Valley - Mottel TL Relocation/Addition (T629) (Hidden Valley-Mottel TL Relocation - 1020380)	Texas	Provide transmission service reliability improve faults	5/16/2020	4/29/2020	4/29/2020		\$519,000		100	138	138	0.5	(1) 795 ACSR Drake	Steel Lattice Tower and Monopoles	Centerline	0.5	Centerline	n/a	25.101 (C)(5)(B)		
1020454	Harris Branch - Michael TL Relocation/Addition (T149) (Harris Branch - Michael TL Relocation - 1020376)	Texas	Provide transmission service reliability improvements	1/20/2020	5/7/2020	5/7/2020		\$1,408,000		100	138	138	5.87	795 ACSR Drake	Steel Lattice Tower and Monopoles	100	6.87	100	n/a	25.101 (C)(5)(B)		
1022277	Rena - Rio Grande City TL Addition (T465) (Escobares Substation Addition - 1022173)	Garza	Provide transmission service to a load-serving substation. Provide new time monitoring facilities at the Escobares Substation. Provide a transmission point of interconnection	10/19/2020	12/1/2021			\$2,327,500		0	138kV	138kV	13.7	(1) Drake ACSR	Steel Monopoles	Varies 40-80	12.7	Varies 40-100	0.4	25.101 (C)(5)(B)		
1022930	Giddings - Wanda TL Addition (T137) (Giddings Wanda TL Upgrade - 1022731)	Fayette - Lee	Increase the reliability of transmission facilities on the T137 Giddings - Wanda 3.66 to 69 kV transmission line by converting the line to 138 kV operation and increasing the transmission capacity	4/1/2020	10/14/2020			\$12,383,000		0	69 (Downgraded)	138kV	9.86	(1) 959 ACS Drake	Steel and Concrete Monopoles	100	9.86	100	n/a	25.101 (C)(5)(B)		

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1021401	Burnet - Lampasas TL Addition (T219) [Antelope-Burnet Burnet TL Upgrade - 1021209]	Burnet - Lampasas	Upgrade and reconfigure Burnet Substation to facilitate the Pademelon Electric Cooperative project to upgrade and convert the Antelope-Burnet Burnet 69 kV transmission line to 138 kV operation.	3/15/2020	5/15/2021			\$2,450,000			138	138	21.3	Single 795 ACSS Drake	Wood H-frame	Continued	21.3	Continued	n/a	25.101 (C)55aB)	
1020552	Burnet - Lampasas TL Addition (T219) [Burnet-Lampasas TL Overhaul - 1020377]	Burnet - Lampasas	Increase the reliability of transmission facilities on the T219 Burnet - Lampasas 138 kV transmission line.	3/15/2020	5/15/2021			\$19,154,000			138	138	21.3	Single 795 ACSS Drake	Wood H-frame	Continued	21.3	Continued	n/a	25.101 (C)55aB)	
1021530	Owens Substation Addition [Owens CB Addition - 1021096]	Coke	Add a 345 kV circuit breaker to the existing substation. LCRATSC will install and maintain a single span from the substation to Structure 1 at the generator's end.	1/1/2021	6/15/2020	6/15/2020		\$2,114,000		100	0	345	0.1	Bundled Drake ACSS 1A EHS D102 11241	n/a generator's structure	0	0	150	0.2	25.101 (C)55aB)	
1019285	T271 TL Addition (T271) [Pawnee Substation Addition - 1019007]	Culturen	LCRATSC will build a new substation (Pawnee) adjacent to T271 to interconnect the new 180.3 MW solar generation facility. Replace transmission structures to allow for construction cut-in and upgrade conductor not shown.	1/25/2020	10/14/2020	10/14/2020		\$10,800,000		100	89	138	18.1	Single 1433 ACSS TW Monopole	Steel monopole	100	18.1	100	n/a	25.101 (C)55aB)	
1017125	Elgin SW - Gilman Creek TL Addition (T471) [Kinboro Substation Addition - 1017415]	Texas - Williamson	Provide transmission service to generator.	6/6/2020	1/18/2021			\$653,000		50	138	138	12.9	111 per phase - Monopole ACSS	Steel Dead end Monopole	100	12.9	n/a	NA	25.101 (C)55aB)	
1016148	Oldham - Altus TL Addition (T544) [Oldham Area TL Upgrade - 1016219]	Culberson	Increase the capacity and reliability of transmission facilities on the Oldham-Altus 12.2 to 69 kV transmission line (T544) and the Altus-Nada 14.12 to 69 kV transmission line (T545).	1/21/2021	3/15/2021			\$854,000		0	118	138	12.2	795 ACSS Drake	Steel & Concrete	80	12.2	80	12.3	25.101 (C)55aB)	
1016491	Cushman - Hwy 121 TL Addition (T673) [Meadow Lake Substation Addition - 1016116]	Garza	Provide transmission service along with intertie and maintain close-coupled facilities for CNEC's new Meadow Lake Substation. Replace structure #20 with two large angle steel and structures to route T572 into and out of the new LCRATSC-owned Meadow Lake.	6/17/2020	1/12/2021			\$656,000		73	138	138	5.45	Single 795 ACSS Drake	Steel Monopole	80	5.45	n/a	n/a	25.101 (C)55aB)	
1021387	Adair - Eagle Lake TL Relocation (T427) [Gen Adair FY 20 Adair Eagle Lake Structure Relocation - 1021382]	Culberson	Maintain the structure to be approximately 50 ft to ensure the safety of the transmission line from the existing river bank.	1/1/2021	4/1/2020	4/1/2020		\$267,000		100	61	61	11.24	795 ACSS Drake 110 ACSS "Raven" 20 ACSS "Quail" 400 ACSS "Penguin"	Steel Monopoles Wood Monopoles Wood H-frame Wood 3 Poles	Blanket & Continuation	11.24	n/a	n/a	25.101 (C)55aB)	
1020671	Asherton - Bevo TL Addition (T603) [Asherton - Bevo TL Relocation - 1020662]	Dimmit	Relocate dead end structure #1 on the T603 Bevo to Asherton 138 kV transmission line to relocate of the AEP-owned Asherton Substation. Relocate and to transfer T603 to a new point of interconnection (POI) structure owned by AEP and installed by AEP outside of the Asherton substation.	3/1/2021	12/15/2020			\$541,000		0	138	138	8.05	111 795 Drake ACSS	Steel monopoles	AEP owned	AEP owned	AEP owned	AEP owned	25.101 (C)55aB)	
1016493	Cushman - Meadow Lake TL Addition (T647) [Meadow Lake Substation Add - 1016159]	Gardnerville	Provide transmission service along with intertie and real time monitoring facilities for CNEC's new Meadow Lake Substation.	6/17/2020	1/12/2021			\$643,000		73	138	138	5.45	Single 795 ACSS Drake	Steel monopole	80	5.45	n/a	n/a	25.101 (C)55aB)	
1020445	Hillman - Turner TL Addition (T141) [Hillman-Turner TL Storm Hardening - 1020366]	Texas - Hays	Increase the reliability of transmission facilities on the T141 Hillman-Turner 8.8 to 138 kV transmission line.	6/3/2020	3/26/2021			\$2,610,000		2	138	138	7.4	Bundled 795 ACSS Drake	Concrete and Steel monopoles	100	7.4	n/a	n/a	25.101 (C)55aB)	
1022211	Hillman - Turnersville TL Addition (T141) [LCRATSC Hillman Turnersville FY20 - 1021194]	Texas - Hays	Increase the reliability of the line network by replacing deteriorated OPGW and Air Dielectric Self-Supporting (ADSS) lines to improve telecommunications system reliability.	1/19/2020	3/24/2021			\$1,665,000			138	138	7.4	Bundled 795 ACSS Drake	Concrete and Steel monopoles	100	7.4	n/a	n/a	25.101 (C)55aB)	
1019265	Fayetteville - Bobbie B TL Addition (T216) [New Bremen LCB Add - 1018919]	Austin - Colorado - Fayette	Increase the reliability of transmission facilities on the T216 Fayetteville - Bobbie B 20.19 to 138 kV transmission line.	4/6/2021	6/30/2021			\$416,000		0	138	138	0.5	1133.6 ACSS MERRIMACK	Steel Pole	100	0.05	n/a	n/a	25.101 (C)55aB)	
1021775	Tom Butler - Brown (T551) TL Addition [Amos Creek Circuit Breaker Addition - 1021517]	Tom Green - Comanche	Cut-in T551 to existing substation to provide transmission services to a generator.	10/7/2020	11/24/2020			\$1,147,000			345	345	88.3	1590 ACSS Falcon Bundled	Steel Pole	100	88.3	n/a	n/a	25.101 (C)55aB)	
1023608	Gabriel - Glenwood TL Addition (T159) [Gabriel Substation Upgrade - 1023410]	Williamson	LCRATSC will upgrade the configuration of 138 kV from Single Readings Breaker to the breaker and a half bus configuration and replace fire existing C&B at Gabriel Substation.	10/1/2021	2/15/2022			\$361,000		0	138	138	0.59	Single 795 ACSS Drake	Steel Pole	80	0.59	n/a	n/a	25.101 (C)55aB)	
1021176	Gabriel - Janel TL Addition (T224) [Gabriel Substation Upgrade - 1020410]	Williamson	Upgrade the configuration of 138 kV from Single Bus/Single Breaker to the breaker and a half bus configuration and replace fire existing C&B at Gabriel Substation.	1/1/2021	2/15/2022			\$1,063,000		5	138	138	1.26	Single 795 ACSS Drake	Steel Pole	60	1.26	n/a	n/a	25.101 (C)55aB)	

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1021174	Gabriel - Georgetown East TL Addition (T223) [Gabriel Substation Upgrade - 10/04/10]	Williamson	Upgrade the configuration of 138 kV from Single Bus/Single Breaker to the Breaker and 1/11 tie line configuration and replace line existing LTBs at Gabriel Substation.	4/11/2011	2/15/2022			\$1,061,000			5	138	138	1.26	Single 795 ACSR Drake	Steel Pole	60	1.26	n/a	n/a	25.101 (C)(5)(B)	
1023667	Gabriel - Rivary TL Addition (T457) [Gabriel Substation Upgrade - 10/04/10]	Williamson	Upgrade the configuration of 138 kV from Single Bus/Single Breaker to the Breaker and a 1/1 tie line configuration and replace line existing LTBs at Gabriel Substation.	4/4/2011	2/15/2022			\$361,000			0	138	138	2.41	Bundled 795 ACSR Drake	Steel Pole	Varies	2.43	n/a	n/a	25.101 (C)(5)(B)	
1022956	Fairford - Lago Vista TL Addition (T414) [Transmission Connector Shunt NORTH - FY 2020 System Upgrade - 10/28/13]	Burnet - Travis	Improve the reliability of transmission facilities by installing transmission connector shunts on the 12.6 kV Conestoga Fairford - 5 kV Lanesby-Marchal Ford and 21.4 kV Fairford-Lago Vista 138 kV transmission lines.	6/23/2020	7/26/2020	7/21/2020		\$66,000			100	138	138	7.1	795 Conductor ACSR 795 Drake ACSR	Lattice Towers	100	2.1	n/a	n/a	25.101 (C)(5)(B)	
1021967	Conestoga - Fairford TL Addition (T1105) [Transmission Connector Shunt NORTH - FY 2020 System Upgrade - 10/28/13]	Burnet - Llano	Improve the reliability of transmission facilities by installing transmission connector shunts on the 12.6 kV Conestoga Fairford - 5 kV Lanesby-Marchal Ford and 21.4 kV Fairford-Lago Vista 138 kV transmission lines.	6/1/2020	6/12/2020	5/12/2020		\$414,000			100	138	138	12.4	Single 795 ACSR/SD Conductor and Single 795 ACSR Drake	Lattice Towers	100	12.4	n/a	n/a	25.101 (C)(5)(B)	
1022949	Fayetteville - Salem TL Addition (T177) [Transmission Connector Shunt EAST - FY 2020 System Upgrade - 10/28/13]	Austin - Washington - Fayette	Improve the reliability of transmission facilities by installing transmission connector shunts on the 17.1 kV double circuit consisting of FPP - Yard #1 Salem 345 kV and Fayetteville-Salem 138 kV transmission lines.	8/14/2020	8/17/2020	8/17/2020		\$216,000			100	138	138	10.32	Single 795 ACSR/SD Conductor and Single 795 ACSR Drake	Lattice Towers	Varies	19.32	n/a	n/a	25.101 (C)(5)(B)	
1022948	FPP - Yard #1 - Salem TL Addition (T411) [Transmission Connector Shunt EAST - FY 2020 System Upgrade - 10/28/13]	Austin - Washington - Fayette	Improve the reliability of transmission facilities by installing transmission connector shunts on the 17.1 kV double circuit consisting of FPP - Yard #1 Salem 345 kV and Fayetteville-Salem 138 kV transmission lines.	8/14/2020	8/17/2020	8/17/2020		\$-59,000			100	145	145	27.43	Single 795 ACSR/SD Conductor and Single 795 ACSR Drake	Lattice Towers	Varies	27.43	n/a	n/a	25.101 (C)(5)(B)	
1023901	Lockhart - Luling TL Addition (T184) [Transmission Connector Shunt SOUTH - FY 2020 System Upgrade - 10/28/14]	Caldwell	Improve the reliability of transmission facilities by installing transmission connector shunts on the 16.8 kV Lockhart-Luling and 17.1 kV Lockhart-Rock Rock 138 kV transmission lines.	7/15/2020	8/5/2020	8/5/2020		\$119,000			100	138	138	16.83	Single 795 ACSR/SD Conductor and Single 795 ACSR Drake	Lattice Towers Wood H Frame	Varies	16.83	n/a	n/a	25.101 (C)(5)(B)	
1021916	Lockhart - Rock Rock TL Addition (T476) [Transmission Connector Shunt SOUTH - FY 2020 System Upgrade - 10/28/14]	Bastrop - Caldwell	Improve the reliability of transmission facilities by installing transmission connector shunts on the 16.8 kV Lockhart-Luling and 17.1 kV Lockhart-Rock Rock 138 kV transmission lines.	7/14/2020	8/6/2020	8/6/2020		\$151,000			100	138	138	17.11	Single 795 ACSR/SD Conductor and Single 795 ACSR Drake	Lattice Towers Wood H Frame	Varies	17.11	n/a	n/a	25.101 (C)(5)(B)	
1014165	Goldthwaite - Lampasas TL Addition (T128) [Goldthwaite - Lampasas TL Overhead - 10/12/17]	Mills - Hamilton - Lampasas	Increase the reliability of circuits T128 & T672 on the Goldthwaite - Lampasas 44.77 to 138 kV transmission line.	7/1/2020	5/13/2021			\$2,516,000			15	138	138	21.74	Single 795 Drake ACSR	Steel poles, Steel & Wood H Frames	100 Centerline	21.74	n/a	n/a	25.101 (C)(5)(B)	
1021426	Shenwood Shores - Coronado TL Addition (T610) [Coronado-Shenwood Shores TL SH - 10/12/17]	Burnet	Increase the reliability of circuit T610 on the Coronado-Shenwood Shores 12.2 to 138 kV transmission line.	5/14/2020				\$9,867,000			4	138	138	12.15	Single 795 Drake ACSR	Steel Poles/Steel Lattice	Centerline	12.15	n/a	n/a	25.101 (C)(5)(B)	
1020467	Gabriel - Rivary TL Addition (T457) [Gabriel Rivary TL SH - 10/19/09]	Williamson	Increase the capacity and reliability of circuit T457 on the Gabriel - Rivary 2.4 to 138 kV transmission line.	11/2/2020	5/14/2021			\$7,622,000				138	138	2.43	Bundled 795 Drake ACSR	Steel Poles	40-100	2.4	80 (Temporary) 120-150	2.4	25.101 (C)(5)(B)	
1019172	Turtle Creek - Hunt TL Addition (T218) [Turtle Creek Substation Upgrade - 10/18/10]	Kerr	Increase Reliability to the Turtle Creek substation.	8/9/2020	10/6/2020	10/6/2020		\$519,000			100	138	138	0.1	Single 795 ACSR Lined	Wood poles	n/a	n/a	80 (Temporary)	0.1 (Temporary)	25.101 (C)(5)(B)	
1019170	Turtle Creek - Turtle Creek TL Addition (T221) [Turtle Creek Substation Upgrade - 10/18/10]	Kerr	Increase Reliability to the Turtle Creek substation.	8/9/2020	5/21/2021			\$572,000			5	138	138	0.1	Single 795 ACSR Lined	Wood poles	n/a	n/a	80 (Temporary)	0.1 (Temporary)	25.101 (C)(5)(B)	
1021041	Event - Lampasas TL Addition (T612) [Goldthwaite-Lampasas TL OH - 10/12/17]	Lampasas - Coryell	Increase the reliability of circuits T128 & T672 on the Goldthwaite - Lampasas 44.77 to 138 kV transmission line.	1/1/2020	1/19/2021			\$1,334,000				138	138	26.02	Single 795 Drake ACSR	Steel poles, Steel & Wood H Frames	100 Centerline	26.02	n/a	n/a	25.101 (C)(5)(B)	
1024006	Lanesby - Marchal Ford TL Addition (T180) [Transmission Connector Shunt North FY 2020 System Upgrade - 10/28/13]	Texas	Improve the reliability of transmission facilities by installing transmission connector shunts.	7/27/2020	7/28/2020	7/28/2020		\$57,000			100	138	138	0.27	Single 795 Conductor ACSR/SD	Lattice Towers	100	0.27	n/a	n/a	25.101 (C)(5)(B)	
1022054	FPP - Lylton T255 TL Repair Addition (FPP Yard 2 - Lylton Springs Transmission Line Upgrade - 10/24/06)	Fayette	Replace damaged segment on the T255 FPP Yard #2 - Lylton Springs transmission line and increase the reliability of the line by installing new transmission line structure components and replacing original REDWING conductor with bundled Drake conductor.	4/17/2020	10/29/2020	5/18/2020		\$1,767,000			100	345	345	61.10	Bundled 715 S Redwing ACSR top phase between structures #30 to #77. Bundled 735 Drake ACSR	Lattice	100	61.10	n/a	n/a	25.101 (C)(4)	
1025874	Fayetteville - Frehburg TL Addition (T176) [Frehburg Circuit Breaker Addition 10/06/08]	Fayette - Colorado	Increase transmission service reliability to the Frehburg Substation.	8/10/2020	3/4/2021			\$852,000			100	138	138	20.06	1995S 6 ACSR/BTW "Snowflake" (1)APL DHD 11424 (2)APL ENR Steel	Steel H-frame	125-75 Centerline	20.06	n/a	n/a	25.101 (C)(5)(B)	

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1019024	Phum - Futaba TL Addition (T133) [Fayette Area TL Upgrade - 1016013]	Fayette	Increase the capacity of the Fayetteville to Giddens 138 kV transmission circuit (T116) and the Futaba to Phum 138 kV transmission circuit (T133)	9/8/2020	4/26/2021		\$10,156,000				5	138	138	19.53	(1) 95.5 ACS/STW Solexsteel (1) APL DND 11243 (1) 9.8 CHS Steel	Single pole and H Frame (Steel Wood Concrete)	100	19.53	n/a	n/a	25 101 (C)55(B)	
1010876	Fayetteville - May Knight TL Addition (T116) [Fayetteville Circuit Breaker Addition - 1020170]	Fayette, Colorado	Increase transmission line service reliability to the Fayetteville Substation	8/10/2020	2/30/2021		\$44,000				✓	138	138	10.2	(1) 95.5 ACS/STW Solexsteel (1) APL DND 11243 (1) 9.8 CHS Steel	Steel monopoles	75	10.2	n/a	n/a	25 101 (C)55(B)	
1020475	Cabnet - Glascock TL Addition (T358) [Cabnet - Glascock 6.5 to 138 kV transmission line]	Wilbourn	Increase the reliability and capacity of circuit T358 on the Cabnet - Glascock 6.5 to 138 kV transmission line	10/27/2020	4/20/2021		\$1,531,000					138	138	6.91	Single 795 ACS/STW Drake	Single Steel Monopoles	80	6.99	n/a	n/a	25 101 (C)55(B)	
1021444	Phum - Mito Creek TL Addition (T124) [LCRA TSC Fiber Build Out FY 2020 Telecommunications Upgrade - 1021212]	Travis, Hays, Blanco	Increase the reliability of the fiber network by adding Optical Grounding Wire (OGW) and related telecommunications equipment for circuits T124 and replacing four structures	8/3/2020	4/30/2021		\$1,417,000				5	138	138	17.00	Single 795 ACS/STW Drake	Single Steel Monopoles	80	17.00	n/a	n/a	25 101 (C)55(B)	
1019261	Brew - Rosta Creek TL Addition (T463) [Brew - Rosta Addition - 1019014]	Maricopa, Dumas	Increase the reliability of transmission facilities on the Rosta Creek Line - Brew 47.5 to 138 kV transmission line	3/2/2021	11/1/2021		\$1,519,000				0	138	138	16.81	Single 795 ACS/STW Drake	Steel monopoles	Curvature	16.81	n/a	n/a	25 101 (C)55(B)	
1022229	Tulla TL Addition [LCRA Fiber Backbone FY20 - 1021136]	Travis	Increase the reliability of the fiber network by replacing deteriorated OGW and All Underline Self-Supporting (AUS) fiber to improve telecommunications system reliability	12/2/2020	2/19/2021		\$560,000				0	138	138	0.92	795 ACS/STW Drake APL DND 11243 APL ASES AC079K421BE1	Steel Lattice H Frame poles	100	92	n/a	n/a	25 101 (C)55(B)	
1023975	Bingham - Kendall TL Addition (T506) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal, Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/23/2020	12/11/2020		\$180,000					345	345	27.23	Bundled 795 ACS/STW Drake	Lattice Tower	100	27.23	n/a	n/a	25 101 (C)55(B)	
1023976	Berghelm - Hays Energy TL Addition (T489) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal, Hays	Improve the reliability of transmission facilities by installing transmission connector shunts	11/16/2020	11/15/2020		\$765,000					345	345	34.18	Bundled 795 ACS/STW Drake	Lattice Tower	100	34.18	n/a	n/a	25 101 (C)55(B)	
1021982	Bingham - Fair Oaks TL Addition (T218) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal, Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/9/2020	10/7/2020	10/7/2020	\$51,000				100	138	138	4.08	Single 795 ACS/STW Drake	Lattice Tower	100	4.08	n/a	n/a	25 101 (C)55(B)	
1021980	Exter - Fair Oaks Ranch TL Addition (T502) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	10/9/2020	10/6/2020	10/6/2020	\$73,000				100	138	138	4.35	Single 795 ACS/STW Drake	Lattice Tower	100	4.35	n/a	n/a	25 101 (C)55(B)	
1023977	Kendall - Waller TL Addition (T584) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	9/23/2020	11/13/2020	11/13/2020	\$100,000				100	138	138	10.16	Single 795 ACS/STW Drake	Lattice Tower	100	10.16	n/a	n/a	25 101 (C)55(B)	
1023974	Brew - Bingham TL Addition (T537) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	4/28/2020	10/2/2020	10/2/2020	\$110,000				100	138	138	3.14	Single 795 ACS/STW Drake	Lattice Tower	85	3.14	n/a	n/a	25 101 (C)55(B)	
1021978	Brew - Waller TL Addition (T228) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Kendall	Improve the reliability of transmission facilities by installing transmission connector shunts	9/24/2020	1/16/2020	1/16/2020	\$150,000				100	138	138	9.5	Single 795 ACS/STW Drake	Lattice Tower	100	9.5	n/a	n/a	25 101 (C)55(B)	
1023980	Highway 46 - River Oaks TL Addition (T514) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	11/1/2020	11/4/2020	11/4/2020	\$100,000				100	138	138	8.64	Single 795 ACS/STW Drake	Lattice Tower	100	8.64	n/a	n/a	25 101 (C)55(B)	
1021987	River Oaks - River Oaks TL Addition (T227) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/21/2020	10/22/2020	10/22/2020	\$78,000					138	138	3.74	Single 795 ACS/STW Drake	Lattice Tower	100	3.74	n/a	n/a	25 101 (C)55(B)	
1021981	Andler - Bingham TL Addition (T491) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/9/2020	10/9/2020	10/9/2020	\$121,000				100	138	138	7.16	Single 795 ACS/STW Drake	Lattice Tower	100	7.16	n/a	n/a	25 101 (C)55(B)	
1023984	Andler - Highway 46 TL Addition (T516) [Transmission Connector Shared WEST FY 2020 System Upgrade - 1023811]	Comal	Improve the reliability of transmission facilities by installing transmission connector shunts	10/19/2020	11/1/2020		\$112,000					138	138	10.4	Single 795 ACS/STW Drake	Lattice Tower	100	10.4	n/a	n/a	25 101 (C)55(B)	
1021481	Brenham - Highway 36 Substation (T468) [LCRA TSC Fiber Build Out FY 2020 Telecommunications Upgrade - 1021212]	Washington	Increase the reliability of the fiber network by adding Optical Grounding Wire (OGW) and related telecommunications equipment for circuits T124, T141, T199, T232, T426 and T468	8/8/2020	11/5/2020	11/5/2020	\$855,000				100	138	138	2.3	(1) 95.5 ACS/STW Solexsteel (1) APL DND 11243 NEA (1) APL DND 11243	Steel/H Frame Single pole and H Frame	Curvature 75	2.3	n/a	n/a	25 101 (C)55(B)	
1021405	Brenham - Salem TL Addition (T199) [LCRA TSC Fiber Build Out FY 2020 Telecommunications Upgrade - 1021212]	Washington	Increase the reliability of the fiber network by adding Optical Grounding Wire (OGW) and related telecommunications equipment for circuits T124, T141, T199, T232, T426 and T468	9/14/2020	10/17/2020		\$675,000					138	138	3.18	95.5 ACS/STW Drake	Steel H Frame	100	3.18	n/a	n/a	25 101 (C)55(B)	
1022278	Pooley Rd - Living TL Addition (T112) [Living - Zorn TL Overhaul - 1019113]	Overhead, Caldwell	Increase the reliability of transmission facilities on T118	9/17/2020	4/30/2021		\$1,200,000				5	138	138	19.02	(1) 795 ACS/STW Drake	Steel & Concrete SC Monopoles	Curvature 80-100	19.02	n/a	n/a	25 101 (C)55(B)	
1020426	San Geronimo - Bessie TL Addition (T172) [San Geronimo - Bessie TL Upgrade - 1023964]	Bessie, Travis	Increase the reliability of transmission facilities on the T171, Bessie - San Geronimo and T172 Bessie - San Geronimo 2.6 mile 138 kV double circuit transmission line by removal and replacement of 50% line #6 and line #8	9/23/2020	10/15/2020		\$419,000					138	138	4.15	(1) 795 ACS/STW Drake	Lattice Tower	Curvature 100-125	4.15	n/a	n/a	25 101 (C)55(B)	

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LCRA TSC
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
November 2020

Public Utility Commission of Texas
Project No. 50421

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 (\$)	% Complete	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	Comments
1024084	Sim Gideon - Austrop TL Addition (T171) [Sim Gideon - Structure 13 TL Upgrade 1023944]	Bastrop - Travis	Increase the reliability of transmission facilities on the T171 Austrop - Sim Gideon and T172 Bastrop - Sim Gideon 2 to mile 136-kV double circuit transmission line by removal and replacement of Structure #44 and Structure #55.	9/21/2020	12/15/2020			\$510,000				138	138	15.61	(1) 795 ACSR Drake	Lattice Tower	Centerline 100-125	15.61	n/a	n/a	25.101 (C)(5)(8B)	
1023421	Sim Gideon - Austrop TL Addition (T171) [Flood Mitigation Phase II - FY 2021 - 1023185]	Bastrop - Travis	Reduce the flood risk and potential for damage to substation equipment on T547 Adair - Eagle Lake and T171 Sim Gideon - Austrop transmission line.	10/25/2020	12/16/2020			\$119,000				138	138	15.61	(1) 795 ACSR Drake	Lattice Tower	Centerline 100-125	15.61	n/a	n/a	25.101 (C)(5)(8B)	
1024055	Lincoln T231 TL Addition (T231) [Lincoln Substation Upgrade - 1022729]	Lee	Provide transmission service to a new load at the Lincoln Substation. LCRA TSC will construct a new 138 kV transmission line from the existing Lincoln Substation to the new point of interconnect at the Enterprise Substation.	9/29/2020	9/29/2020	9/29/2020		\$1,160,000		100		0	138	0.01	1x1 795 DRAKE ACSR	Concrete Dead end	n/a	n/a	BREC Owned within Sub	BREC Owned within Sub	25.101 (C)(5)(8B)	
1021973	T221 Mosman Upole TL Add (T221) [Mosman Substation Addition - 1021952]	Upton - Crane	Construct a 3 breaker dog box run in to the existing T441 Crane - East to Upton 138 kV transmission line.	4/5/2021	11/26/2021			\$679,000		0		138	138	17.97	1231 5 Yakum ACSR/TW & Single	Concrete Pole	Centerline 80	17.97	Centerline 80	n/a	25.101 (C)(5)(8A)	
1023749	T441 LCRA/Gann Mosman TL Add (T441) [Mosman Substation Addition - 1021954]	Upton - Crane	Construct a 3 breaker dog box run in to the existing T441 Crane - East to Upton 138 kV transmission line.	4/5/2021	11/26/2021			\$16,000		0		138	138	12.16	1231 5 Yakum ACSR/TW & Single	Concrete Pole	Centerline 80	19.14	Centerline 80	n/a	25.101 (C)(5)(8A)	
1019651	McCarly La Habra T195 TL Add (T195) [McCarly Road 12 CB Addition - 1018902]	Hays	Increase the reliability of transmission facilities on the T195 McCarly Road - Hays 110-kV double circuit transmission line.	10/26/2020	4/16/2021			\$1,117,000				138	138	3.96	927 2 Greeley	H Frame, Steel Pole Lattice Tower	Vanes 85 125	85/125	n/a	n/a	25.101 (C)(5)(8B)	
1018761	Crane/Rio Pecos TL Addition (T451) [Sokal Lake Substation Addition - 1018745]	Crane	Provide transmission service to a generator.	3/16/2021	5/17/2021			\$446,000		0		138	138	12.24	(4) 795 ACSR Drake	Concrete pole steel pole	Centerline 80	12.24	Centerline 80	n/a	25.101 (C)(5)(8A)	
1023874	Humbaby TL Addition (T510) (T511) & (T736) [Humbaby Substation Addition - 1023853]	Crabapple - Williamson - Travis - Caldwell	Provide transmission service to a load serving substation.	1/4/2021				\$3,300,000		0		345	345	78.6 (T510) 71.0 (T511)	(2) bundled 959 ACSR/TW & Single	Steel lattice and monopole	Vanes 100 200	74.6 (T510) 71.0 (T511)	165	24.6 (T510) 51.0 (T511) 49.0 (T736)	25.101 (C)(5)(8A)	
1024449	Austin Energy Humbaby TL Addition (AEN241) (AEN1098) & (AEN1099) [Humbaby Substation Addition - 1023853]	Travis	Provide transmission service to a load serving substation.	1/4/2021				\$645,000		0		138	138	7.2 (AEN241) 7 (AEN1098)	(2) bundled 795 ACSR Drake	Steel lattice and monopole	Vanes 90 100	7.2 (AEN241) 6 (AEN1098) 7 (AEN1099)	80	7.2 (AEN241) 7 (AEN1098)	25.101 (C)(5)(8A)	
1020471	Eckert - Nebo TL Addition (T126) [Eckert - Nebo TL Overhaul - 1020172]	Gilchrist	Increase the reliability of circuit T126 on the Eckert - Nebo 0.7 mile 69 kV transmission line.	12/4/2020	4/29/2021			\$2,158,000		0		69	138	0.7	Single 795 Drake	Steel Lattice H Frame	100	0.7	n/a	n/a	25.101 (C)(5)(8B)	
1021811	Wingstem TL Addition [Wingstem Substation Upgrade - 1021733]	Zavala	Increase transmission service reliability to the Wingstem Substation. Replace the existing line of the La Pryor Turbine Creek TL from its current configuration to a newly installed AEP owned top structure.	11/2/2020	12/16/2020			\$600,000		0		69	138	0.05	795 ACSR (4x7) one conductor/phase	Concrete pole	n/a	n/a	n/a	n/a	25.101 (C)(5)(8B)	work within substation
1022221	TE15 TL Addition [LCRA Fiber Backbone FY20 - 1021196]	Burnett - Llano	Increase the reliability of the fiber network by replacing deteriorated OPLW and All Dielectric Self-Supporting (ADSS) fiber to improve telecommunications system reliability.	11/16/2020	4/16/2021			\$821,000		0		138	138	12.15	Single 795 ACSR Drake	Steel Monopole	Centerline	12.15	n/a	n/a	25.101 (C)(5)(8B)	
1021471	Water - Chappell Hill TL Add (T232) [LCRA TSC Fiber Build Out FY 2020 Telecommunications Upgrade - 1021212]	Washington - Water	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T231, T241, T199, T232, T236 and T468.	2/15/2021	5/16/2021			\$1,111,000		0		138	138	15.34	Single 795 ACSR Drake	Wood H Frame	Vanes 75 85	15.34	n/a	n/a	25.101 (C)(5)(8B)	
1021473	Water - Mountaintop TL Add (T426) [LCRA TSC Fiber Build Out FY 2020 Telecommunications Upgrade - 1021212]	Blanco	Increase the reliability of the fiber network by adding Optical Grounding Wire (OPGW) and related telecommunications equipment for circuits T124, T141, T199, T232, T236 and T168.	12/7/2020	3/1/2021			\$1,111,000		0		138	138	4.81	(1x) 1433 ACSR TW Monopole	Steel Monopole	Centerline 60 100	4.81	n/a	n/a	25.101 (C)(5)(8B)	
1021406	Ward - Winchester (T170) TL Add [Ward - Winchester TL Upgrade 1021302]	Fayette	Increase the transmission capacity of T170 Ward - Winchester 138 kV transmission circuit. LCRA TSC will upgrade T170 Ward - Winchester transmission line to a minimum 135 degree F ambient temperature rating of 540 MVA at 138 kV using single 1471H Alar.	11/23/2020	5/11/2021			\$4,740,000		0		138	138	4.11	1 1433 6 ACSR/TW/MMA3 Monopole	Steel Pole	100	4.11	n/a	n/a	25.101 (C)(5)(8B)	
1023877	Flinton Mission (T551) TL Add [Fort Mason Circuit Upgrade - 1023806]	Mason	Provide transmission service to a generator. Upgrade 138 kV dog box to accommodate new circuit termination.	2/1/2021	4/26/2021			\$3,306,000		0		138	138	0.95	1 795 ACSR DRAKE	Steel Dead End Pole	n/a	n/a	100	0.95	25.101 (C)(5)(8A)	
1021950	Lakeview - Marshall (T182) TL Add [Lakeview - Marshall Ford TL Upgrade - 1023808]	Travis	Increase the reliability of transmission facilities on the T180 Lakeview - Marshall Ford 27-mile 138 kV transmission line by replacing the existing conductor with a new 1471H Alar conductor from the existing Ford Substation to the Marshall Substation.	11/16/2020	5/11/2021			\$493,000		0		138	138	5	Single 959 ACSR Sunrunner conductor (2.7 mile from Marshall Ford Substation to the Marshall Substation)	Steel Lattice Tower	100	4.5	n/a	n/a	25.101 (C)(5)(8B)	

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LCRATSC
TRANSMISSION MONTHLY CONSTRUCTION PROGRESS REPORT (MCPR)
for
November 2020

Public Utility Commission of Texas
Project No. 50421

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 (\$)	% Volume	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	Comments
02141	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	Brewster	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	10/21/20	10/21/20						1	100	100	1.2	1 x 2 x 2 x 2 x 2	Steel Tower	100	1.2	100	1.2	25.101 (C, 25401)	
112134	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	Brewster	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	10/21/20	10/21/20						1	100	100	1.2	1 x 2 x 2 x 2 x 2	Steel Tower	100	1.2	100	1.2	25.101 (C, 25401)	
101499	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	Brewster	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	10/21/20	10/21/20						1	100	100	1.2	1 x 2 x 2 x 2 x 2	Steel Tower	100	1.2	100	1.2	25.101 (C, 25401)	
101096	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	Brewster	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	10/21/20	10/21/20						1	100	100	1.2	1 x 2 x 2 x 2 x 2	Steel Tower	100	1.2	100	1.2	25.101 (C, 25401)	
101482	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	Brewster	100kV Line Upgrade TL A-19404 (1141) 100kV Line Upgrade TL A-19404 (1141) Telecommunications Upgrade 10/21/20	10/21/20	10/21/20						1	100	100	1.2	1 x 2 x 2 x 2 x 2	Steel Tower	100	1.2	100	1.2	25.101 (C, 25401)	

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 13, 2020, LCRA Transmission Services Corporation provided notice to:

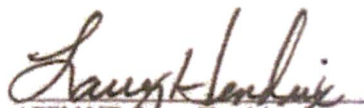
- (a) owner of land crossed by the existing transmission facility to be modified T-141, Wolf Lane to Wyldwood Substation, 138 kilovolt transmission line, Fiber Build-Out, Telecommunications Upgrade.

In accordance with P.U.C. Proc. Rule 25.83, on November 13, 2020 LCRA Transmission Services Corporation mailed by first class mail:

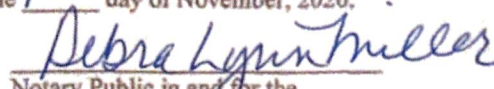
- (b) notice to Bluebonnet Electric Cooperative, whose certificated service area is crossed by the T-141 Wolf Lane Substation to Wyldwood Substation, 138 kilovolt transmission line.

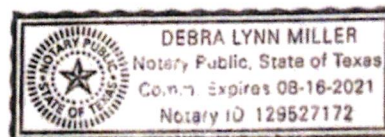
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Bastrop County. The certificated utilities described in (b) above, were ascertained by reference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

SIGNED on this the 13th day of November, 2020.


AFFIANT, Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of November, 2020.


Notary Public in and for the
State of Texas



AFFIDAVIT OF NOTICE

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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 November 16, 2020, 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-187 Sherwood Shores to Wirtz Split TL Addition (Fiber Backbone) - 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on or before November 16, 2020 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-187 –Sherwood Shores to Wirtz Split TL Addition (Fiber Backbone) - 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 Burnet County. The certificated utilities described in b and c above, were ascertained by reference to Public Utility Commission's Certified Electric Service Area Boundary Maps and other available maps.

SIGNED on this the 13th day of November 2020

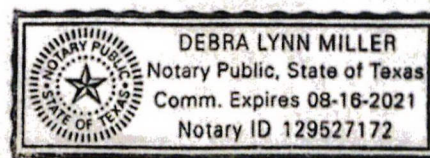
Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of November 2020.

Debra Lynn Miller

Notary Public in and for the
State of Texas



AFFIDAVIT OF NOTICE

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- (a) owners of land crossed by the existing transmission facility to be modified – T-187 Ferguson to Wirtz TL Addition (Storm Hardening) - 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on or before November 16, 2020 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-187 – Ferguson to Wirtz TL Addition (Storm Hardening) - 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 Llano and Burnet 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.

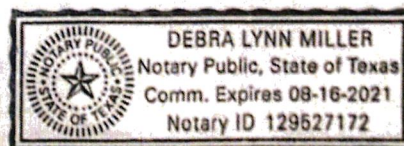
SIGNED on this the 13th day of November 2020

Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of November 2020.

Debra Lynn Miller
Notary Public in and for the
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SIGNED on this the 13th day of November 2020

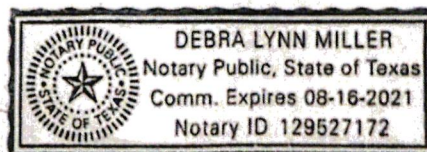
Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of November 2020.

Debra Lynn Miller

Notary Public in and for the
State of Texas



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- (a) owners of land crossed by the existing transmission facility to be modified – T-187 Ferguson to Sherwood Shores TL Addition (Storm Hardening) - 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on or before November 16, 2020 LCRA Transmission Services Corporation mailed by first class mail:

- (b) notice to Pedernales Electric Cooperative whose certified service areas are crossed by the T-187 – Ferguson to Sherwood Shores TL Addition (Storm Hardening) - 138 kilovolt transmission line.

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SIGNED on this the 13th day of November 2020

Sheri Schneider

AFFIANT: Sheri Schneider

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of November 2020.

Debra Lynn Miller
Notary Public in and for the
State of Texas

