



Control Number: 46718



Item Number: 121

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

Public Utility Commission of Texas
Project No. 48718

LCRA District Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Standard)	Date Energized (if different)	Total Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	Percent Complete	Existing Voltage (KV)	Upgrading Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Bundles	Structure Type & Details	Existing ROW Width (Feet)	New ROW Width (Feet)	Rate Sheet or Other Cost Item Number	Comments
101204	Wards - Oldies Transmission Line Overhaul (T197)	Lufkin, Texas	Transmission line overhaul, replace poles, cross arms, X-braces and line insulators	5/1/17	6/30/18		\$2,530,000	\$1,700,000		0	69	69	9.70	3x1-40 "Pigtail"	Wood H-Frames	9.70	0	25 101 (C) (S) (B)	The scope of the project is under review. Updated project information will be provided following evaluation.
101004	Burnside TL Addition (T1837)	Orange, Kansas	Construct a new 138 kV transmission line connecting the new Burnside (CTEC) Substation to the existing Burnside Substation. The new line will be 1.5 miles long.	12/7/15	12/31/16		\$2,530,000	\$1,700,000		0	0	138	12.80	3x1-336 4 ACSS "Lunar"	Poles and H-Frames	0	80-130	43208	
101424	Gulfstream-Lanessa TL Upgrade (T2874/T1407/138)	Lanessa, Mississippi	Replace the existing 69 kV transmission line (T1407/138) to 138 kV with new conductors.	3/1/16	11/28/17		\$4,000,000	\$4,000,000		71	69	138	51.52	3x1-795 ACSS "Dink"	Steel H-Frames and Poles	51.52	0	25 101 (C) (S) (B)	
101586	San Antonio - Burnside - Storm Restoration	Guadalupe	Repair damaged transmission line, T220. Due to storm.	10/1/16	11/4/16		\$445,000	\$445,000		100	69	69	0.25	3x1-40 "Pigtail"	Primarily Wood H-Frames	0	0	25 83 (D)	
101454	San Antonio - Burnside - Storm Restoration	Holmes	Repair damaged transmission line, T207. Due to storm.	4/1/16	5/5/16		\$394,343	\$394,343		100	138	138	17.30	3x2-795 ACSS "Dink"	Steel and Concrete Poles	17.30	0	25 83 (A) (S)	
101522	Cattle Substation Addition	Crosby, Utah	Install a new 138 kV transmission line connecting the new Cattle Substation to the existing Crosby Substation.	3/1/16	6/30/17		\$3,854,400	\$3,854,400		76	138	138	23.17	3x2-795 ACSS "Dink"	Steel and Concrete Poles	23.17	0	25 101 (C) (S) (A)	
101548	Cattle-SP-TX-128 TL Add	Crosby, Utah	Extend a portion of the new Cattle Substation to the existing Crosby Substation.	3/1/16	6/30/17		\$1,300,000	\$1,300,000		90	138	138	0.98	3x1-795 ACSS "Dink"	Steel and Concrete Poles	0	0	25 101 (C) (S) (A)	
101584	Schriener Draw Sub Addition	Crosby, Utah	Modify existing transmission line, T207. Due to storm.	4/1/16	4/29/16		\$8,660,000	\$8,660,000		76	345	345	0.11	3x2-795 ACSS "Dink"	Steel Pole	0	0	25 101 (C) (S) (A)	
101528	Zen-Moran 345KV TL (CON - Detail Not 48601)	Guadalupe	Construct a new 345 kV transmission line to provide a transmission path of interconnection between Central Texas and San Antonio area.	6/1/16	5/30/19		\$2,000,000	\$2,000,000		0	345	345	18-24	3x2-795 ACSS "Dink"	Poles at Lattice Towers	7-11	10-14	48601	
1014810	T2007 US 80 Road Route for Grade Co-LA	Start	Modify existing transmission line, T486. Rio Grande Co-LA Grade to accommodate new transmission by T2007.	8/8/17	12/27/17		\$220,000	\$220,000		0	138	138	31.86	3x1-795 ACSS "Dink"	Steel Pole	31.86	0	25 101 (C) (S) (B)	
1015830	New Wood Substation Addition	McGuire	Modify existing transmission line, T204. Concrete Switch-Red Creek and T205. Steel Pole Substation construction at the new Wood Substation.	8/1/16	5/30/17		\$2,544,000	\$2,544,000		76	345	345	7.54	3x2-795 ACSS "Dink"	Primarily Steel Lattice Towers	7.54	0	25 101 (C) (S) (A)	
1014447	Lufkin - Lufkin TL Upgrade (T184)	Cadwell	Replace the existing transmission line, T184. Lufkin - Lufkin. To achieve the full 138 kV capacity of the existing conductor.	4/1/17	10/31/17		\$5,330,000	\$5,330,000		1	138	138	18.80	3x1-795 ACSS "Dink"	Wood H-Frames, Steel Poles, Steel Lattice Towers	18.80	0	25 101 (C) (S) (B)	
1014332	Lander - Round Rock TL Addition (C204)	Williams	Construct a new 138 kV transmission line for providing a transmission path of interconnection to the new Lander Substation.	6/2/18	11/20/19		\$1,157,018	\$1,157,018		0	0	138	11.22	3x2-795 ACSS "Dink"	TEO, Pole and/or H-Frames	0	0	48601	
1015468	GVEG Merion South Substation Addition	Lanessa	Modify existing transmission line, T204. Replace Conductor Steel to accommodate construction of the new GVEG Merion South Substation.	7/1/16	10/27/16		\$820,000	\$820,000		100	138	138	28.54	3x1-795 ACSS "Dink"	Concrete and Steel Poles	28.54	0	25 101 (C) (S) (A)	
1013275	Elgin South-San Glorioso-Page TL CH (T2807/151)	Barrow, Williamson	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors.	6/26/16	4/17/17		\$15,101,304	\$15,101,304		98	138	138	31.32	3x1-795 ACSS "Dink"	Wood H-Frames & Concrete Poles	31.32	0	25 101 (C) (S) (B)	
101407	Lufkin-Nolan TL CH (T238)	Guadalupe, Guadalupe	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors.	11/1/16	5/31/17		\$18,500,000	\$18,500,000		65	69	69	18.00	3x1-795 ACSS "Dink"	Steel Concrete Poles	18.00	0	25 101 (C) (S) (B)	
1015184	Marshall Ford - Mohr TL CH (T181)	Travis	Replace deteriorated wood pole/structure, add replace cross arms, X-braces, insulators and conductors.	11/1/16	5/31/17		\$358,500	\$358,500		65	69	69	13.50	3x1-40 ACSS "Dink"	Wooden H-Frames	13.50	100	25 101 (C) (S) (B)	
101518	Alamogordo TL CH (T113/135/54)	Colorado	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors.	6/2/17	6/2/17		\$10,544,507	\$10,544,507		73	69	69	12.38	3x1-795 ACSS "Dink"	Concrete and Steel Poles	12.38	0	25 101 (C) (S) (B)	
1015277	Dale-Lufkin TL CH (T129)	Cadwell	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors.	5/1/17	11/28/16		\$585,000	\$585,000		100	69	69	7.30	3x1-40 ACSS "Dink"	Wood H-Frames and Concrete Poles	7.30	0	25 101 (C) (S) (B)	
1013334	Ferguson-Sandy Creek TL CH (T183)	Llano	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors.	1/6/17	4/21/17		\$1,157,018	\$1,157,018		100	138	138	8.70	3x1-795 ACSS "Dink"	Wood H-Frames, Steel Poles & Wood H-Frames	8.70	0	25 101 (C) (S) (B)	
1015126	Rincon - Rescript TL Relocate (T123)	Aransas	Modify existing transmission line, T123. Replace structure to accommodate relocation construction by ASP.	12/5/16	3/1/17		\$1,057,500	\$1,057,500		100	138	138	15.10	3x1-795 ACSS "Dink"	Steel pole	15.10	0	25 101 (C) (S) (A)	
1015186	Chappel Hill Double Circuit Break-Off Structure - Highway 28 TL CH (T173)	Washington	Replace deteriorated wood pole/structure, add replace cross arms, X-braces, insulators and dampers. Overhead line to meet storm hardening requirements. Install GPRV, and modify to accommodate construction at the Chappel Hill Substation.	12/28/16	6/8/17		\$1,298,000	\$1,298,000		54	138	138	8.10	3x1-795 ACSS "Dink"	Wood H-Frames	8.10	0	25 101 (C) (S) (B)	
1015180	Burnham North - Chappel Hill Double Circuit Break-Off Structure TL CH (T232)	Washington	Replace and overhaul steel structure as needed to meet storm hardening requirements. Install GPRV, and modify to accommodate construction at the Burnham North Substation.	1/4/17	5/31/17		\$5,346,000	\$5,346,000		57	138	138	8.10	3x1-795 ACSS "Dink"	Lattice steel concrete poles	8.10	0	25 101 (C) (S) (B)	
1015228	Marble Falls - Morris TL CH (T159)	Burnet	Replace deteriorated wood pole/structure, add replace cross arms, X-braces, insulators and dampers.	2/1/17	3/31/17		\$307,000	\$307,000		100	138	138	4.8	3x1-335 ACSS "Lunar"	Wood H-Frames	4.8	0	25 101 (C) (S) (B)	
1015228	Fayetteville - Round Rock TL CH (T247)	Fayette	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductor.	12/13/16	5/30/17		\$2,064,000	\$2,064,000		79	138	138	8.78	3x1-795 ACSS "Dink"	Wood H-Frames, Lattice Steel Towers, Steel Poles	8.78	0	25 101 (C) (S) (B)	
1015221	Quero Hyde - Lufkin TL CH (T242)	Davies, Guadalupe, Calwell	Replace the 10 miles (phase 1) of existing 69 kV transmission line (T242) to 138 kV with new structure, conductor, and GPRV.	1/15/17	5/31/17		\$9,022,000	\$9,022,000		62	69	69	53.8	3x1-795 ACSS "Dink"	Steel & Concrete Pole	53.8	0	25 101 (C) (S) (B)	

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LCRA Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Final Date (Construction Completion)	Date Original (if Submittal)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	Percent Complete	Existing Voltage (KV)	Upgrade Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size & Spacing	Structure Type & Size	Existing ROW Width (Feet)	Existing ROW Width (Miles)	New ROW Width (Feet)	New ROW Width (Miles)	Rule Section or Project Number
1016208	Cumby - Yvonne Galloway Road TL CH (1184)	DWV	Replace deteriorated wood substructures, add replace cross-arms, X-braces, insulators and line brace and dampers, and install OPGW	11/15/17	5/31/17	5/31/17	\$8,201,713		51	138	138	13.84 mi	3x1-795 ACSSR "Dink"	Wood H-Frame & Lattice Towers	100'	13.84 mi	0	0.00 mi	25 10' (C)(S)(B)
1016216	Eggs Switch-Galloway Creek TL CH (1421)	Bastrop, Texas Williamson	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors	12/21/17	5/25/17	5/25/17	\$1,857,309		20	138	138	12.8 mi	3x1-1433.6 ACSSR "Dink"	Wood H-Frame & Steel Single Poles	100'	12.8 mi	0	0.00 mi	25 10' (C)(S)(B)
1016211	Chaparral - O'Connell TL Storm Hardening (1378/1809)	Concepcion, Davis	Replace existing line structures to meet NESC storm hardening requirements	11/16/17	5/17/17	5/17/17	\$330,000		100	138	138	17.31 mi	3x1-795 ACSSR "Dink"	Lattice Towers	85'	17.00 mi	0	0.00 mi	25 10' (C)(S)(B)
1016208	Chaparral - Gonzalez TL Storm Hardening (1228)	Gonzales	Replace existing line structures to meet NESC storm hardening requirements	2/29/17	5/30/17	5/30/17	\$249,000		99	138	138	15.20 mi	3x1-795 ACSSR "Dink"	Lattice Towers	85'	15.20 mi	0	0.00 mi	25 10' (C)(S)(B)
1016205	Shallow (San Circuit Breaker Addition (1254)	Trove	Replace approximately 0.5 mile of OPGW within of Harris Branch Substation	3/14/17	6/5/17	6/5/17	\$1,788,544		52	138	138	7.78 mi	3x1-795 ACSSR "Dink"	Concrete Poles and a Lattice Tower	100'	7.78 mi	0	0	25 10' (C)(S)(B)
1016215	Georgetown S Circuit Breaker Add (1223)	Williamson	Modify existing transmission line 1223, Georgetown East-Round Rock (TX) to accommodate substation construction at the Georgetown South Substation	3/30/17	6/21/17	6/21/17	\$1,374,805		0	138	138	0.1 mi	3x1-795 ACSSR "Dink"	Steel Poles	Varies	0.1 mi	0	0	25 10' (C)(S)(A)
1015184	Blawie Substation Addition (1570)	Uvalde	Modify existing transmission line 1570, Blawie-Undale to accommodate substation construction at the new Blawie Substation	3/30/17	4/14/17	4/27/17	\$897,785		91	138	138	26.10 mi	3x1-795 ACSSRHS "Dink"	Steel Poles	CL	26.10 mi	0	0.00 mi	25 10' (C)(S)(A)
1015465	Upton Circuit Breaker Addition (1441)	Upton	Modify existing transmission line 1441, Bonham-Crane LCRA to accommodate substation construction at the Upton Substation	3/10/17	5/31/17	5/31/17	\$1,241,559		10	138	138	28.88 mi	3x1-1433.6 ACSSRHS "Dink"	Steel Poles	80' CL	28.88 mi	80' CL	0.08 mi	25 10' (C)(S)(A)
1016210	Cushman - Seguin TL Storm Hardening (1369)	Guadalupe	Replace twenty (20) transmission line structures at T209 to meet NESC storm hardening requirements	3/11/17	6/30/17	6/30/17	\$2,749,729		30	138	138	1.86 mi	3x1-795 ACSSRHS "Dink" & 3x1-795 ACSSRHS "Dink"	Steel Poles	In city ROW	1.86 mi	0	0.00 mi	25 10' (C)(S)(B)
1016641	Parrish - Westlake Sh TL Misc (1419)	Hidalgo	Replace transmission line 1419 to accommodate AEP's expansion of the Parrish North substation	3/15/17	6/30/17	4/26/17	\$408,908		89	138	138	10.45 mi	3x1-795 ACSSRHS "Dink"	Steel Poles	CL	10.45 mi	80'	0.34 mi	25 10' (C)(S)(A)
1016207	Sanford - Westlake (1779)	Bastrop, Fayette, Lee	Transmission line overhaul, replace poles, cross arms, X-braces, insulators and conductors	6/1/17	3/30/18	3/30/18	\$10,677,330		0	138	138	14.58 mi	3x1-795 ACSSR "Dink"	Steel and Concrete Poles	Varies	14.58 mi	0	0.00 mi	25 10' (C)(S)(B)
1017862	PPP - Lytle Spring Storm Hardening (1265)	Bastrop, Gillespie, Fayette	Modify a number of existing transmission line structures on T255 to meet storm hardening requirements	4/27/17	5/15/17	5/15/17	\$1,086,000		20	345	345	8.12 mi	3x2-715.5 ACSSR "Hanging"	Steel Lattice	100'	8.12 mi	0	0.00 mi	25 10' (C)(S)(B)
1016195	San Gilman - Whitcher (1816)	Bastrop, Fayette, Lee	Replace deteriorated wood pole structures, add replace cross-arms, X-braces, insulators and dampers	5/15/17	6/1/17	6/1/17	\$3,808,000		0	138	138	14.85 mi	3x2-338 ACSSR "Hanging" & 3x1-795 ACSSRHS "Dink"	Wood H-Frame and Concrete Poles	100'	14.85 mi	0	0.00 mi	25 10' (C)(S)(B)
1005448	Shawnee Shores CB Add (1147)	Burnet	Modify existing transmission line 1147, Ferguson-Crowley to accommodate substation construction at the Shawnee Shores Substation	6/1/17	9/30/17	9/30/17	\$258,355		0	138	138	21.54 mi	3x1-795 ACSSR "Dink"	Steel H-Frame and Poles	Varies	21.54 mi	80	N/A	25 10' (C)(S)(A)
1016178	Acme Tap Circuit Breaker Addition (1442)	Crane	Modify existing transmission line 1442, Crane, CPA/Phelan/Fox to accommodate substation construction at the new Acme Tap Substation	5/31/17	10/20/17	10/20/17	\$1,175,208		1	138	138	24.25 mi	3x1-1223.8 ACSSRHS "Hanging"	Steel and Concrete Poles	Varies	24.25 mi	50	N/A	25 10' (C)(S)(A)
1017857	Buckhorn - Pittsburg - Buckhorn Replacement (1297)	Lewis	Replace and damaged transmission line structure on the 208', Buckhorn-Pittsburg transmission line	6/1/17	6/30/17	6/30/17	\$171,000		0	88	88	14.48 mi	3x1-440 "Plaque"	Steel Poles	100'	14.48 mi	0	0.00 mi	25 10' (C)(S)(B)
1016232	Flood Remediation Phase 1 (1468)	Texas	On 1467 remove (1) structure #112 concrete pole and replace with two concrete poles	7/5/17	8/1/17	8/1/17	\$381,000		0	138	138	8.21 mi	3x1-795 ACSSR "Dink"	Concrete Poles, Steel poles and a Lattice Tower	100'	8.21 mi	0	0.00 mi	25 10' (C)(S)(B)
1015477	Harris-CCNY Line TL Upg (1223)	Comal, Hayes	Replace the existing 138KV transmission line 1223, with new structures and conductor	8/1/17	12/26/17	12/26/17	\$7,353,155		0	138	138	6.6 mi	3x1-800.6 ACSSRHS "Dink"	Concrete Poles, Steel poles and a Lattice Tower	100'	6.6 mi	0	0.00 mi	25 10' (C)(S)(B)

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 May 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

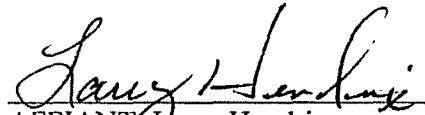
- (a) owners of land crossed by the existing transmission facility to be modified, T-495, Manor Substation to Cedar Hill Substation, 138 kilovolt transmission line.

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

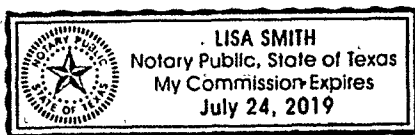
- (b) notice to Bluebonnet Electric Cooperative Inc. whose certified service area is crossed by T-495, Manor Substation to Cedar Hill Substation.

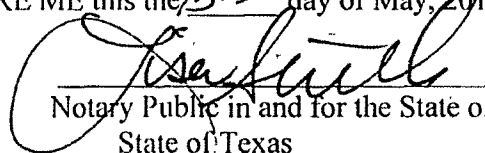
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Travis and Bastrop counties. The certificated utilities described in (b) above, were ascertained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

SIGNED on this the 15th day of May 2017.


AFFIANT Larry Hendrix

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




Notary Public in and for the State of Texas
State of Texas

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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

"My name is Susan Eschenburg. 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 May 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

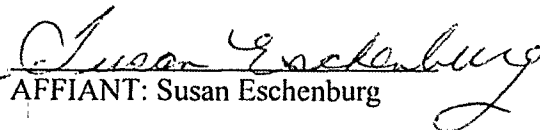
- (a) owners of land crossed by the existing transmission facility to be modified Henne-McCarty Lane Transmission Line Upgrade 138 kilovolt transmission line.

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

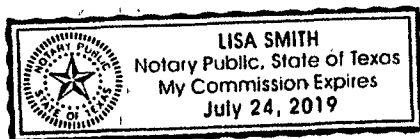
- (b) notice to New Braunfels Utilities whose certificated service area is crossed by the Henne-McCarty Lane Transmission Line Upgrade, 138 kilovolt transmission line.

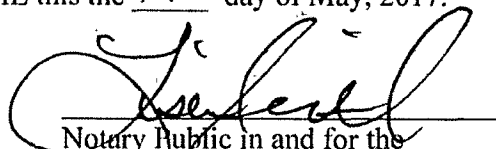
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a) above, were ascertained by reference maps, and current tax rolls in Comal and Hays counties. The certificated utilities described in (b) above, were ascertained by reference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

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


AFFIANT: Susan Eschenburg

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




Notary Public in and for the
State of Texas