

Control Number: 46718



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

Public Utility Commission of Texas
Project No. 46718[illegible]

LRSA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
March 2017

Public Utility Commission of Texas
Project No. 46718

Utility Project Number	Project Name	Location (County)	Description	Estimated (or Actual) Start Date	Final Date (Construction Complete)	Original Date (Approved)	LRSA TSC Estimated (or Actual) Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Upgraded Voltage (KV)	Original Circuit Length (Miles)	Conductor Type & Size	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Final Square Footage of Right-of-Way	Comments
1014532	Lanier - Round Rock T.L. Addition (CON)	Williamson	Construct a new 138 KV transmission line to provide a transmission point of interconnection to the existing transmission line.	6/20/18	11/20/19	11/20/19	\$1,150,000	\$1,150,000	0%	0	0	138	11.22 mi	300-795 ACSSR "Dove"	170' Poles with 11' Frames	0	0.00 mi	110'	11.22 mi	25,101 (C) (S) (B)	46,808
1015444	OVEIC Machine Shop Station Addition	Lewis	Modify existing transmission line 1154 Fidelity-Garner Road, to accommodate additional construction at the new OVEIC Machine Shop Station.	7/7/18	10/21/18	10/21/18	\$920,000	\$920,000	0%	100	138	138	28.54 mi	300-795 ACSSR "Dove"	Concrete and Steel Poles	35-100'	28.54 mi	0	0.00 mi	25,101 (C) (S) (B)	
1014947	Electric Supply Co. T.L. OH (138)	Lewis	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	8/7/18	11/20/18	11/20/18	\$4,825,851	\$3,131,024	-35%	100	138	138	18.80 mi	300-795 ACSSR "Dove"	Wood H-frames & Steel Tower Poles	75-100'	18.80 mi	60	0.85 mi	25,101 (C) (S) (B)	
1014607	Garner Power Upgrade	Hayes	Upgrade with new OVEIC lines on 7222 and 7400 (Existing OVEIC not working)	8/8/18	8/25/18	8/25/18	\$231,000	\$253,027	11%	100	138	138	8.7 mi (1.222) & 7.7 mi (1.480)	300-795 ACSSR "Dove"	Wood H-frames	100'	0.00 mi	0	0.00 mi	25,101 (C) (S) (B)	
1013275	Egan Switch Station Phase T.L. OH (795/715)	Brewster, Williamson	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	8/28/18	3/7/17		\$18,101,304			84	138	138	31.30 mi	300-795 ACSSR "Dove"	Wood H-frames & Concrete Poles	100'	31.30 mi	0	0.00 mi	25,101 (C) (S) (B)	
1012607	Lewis-Power T.L. OH (735)	Cherokee, Garza	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	11/7/18	5/21/17		\$14,800,000			76	69 (existing 69 service)	138	18.00 mi	300-795 ACSSR "Dove"	Steel/Concrete Poles	80'	18.00 mi	60'	18.00 mi	25,101 (C) (S) (B)	
1018194	Marshall Power - Marshall T.L. OH (115)	Texas	Replace selected wood poles/structures, add/replace cross arms, X-braces, insulators and conductors.	11/1/18	5/20/17		\$208,000			48	69	69	13.50 mi	300-400 ACSSR "Pegasus"	Wood H-frames	100'	13.50 mi	100'	13.50 mi	25,101 (C) (S) (B)	
1018118	Alamo-Gilbert T.L. OH (115/134)	Cherokee	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	11/7/18	6/5/17		\$10,544,000			87	69	69	12.38 mi	300-795 ACSSR "Dove"	Concrete and Steel Poles	80'	12.38 mi	0	0.00 mi	25,101 (C) (S) (B)	
1016227	Dale-Lewis T.L. OH (125)	Cherokee	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	11/1/18	5/18/17	11/28/18	\$580,000			100	69	69	7.3 mi	300-400 ACSSR "Pegasus"	Wood H-frames and Concrete Poles	Varies	7.30 mi	0	0.00 mi	25,101 (C) (S) (B)	
1018304	Ferguson-Garner Creek T.L. OH (115)	Lewis	Transmission line overhead, replace poles, cross arms, X-braces, insulators and conductors.	10/7/17	4/21/17		\$1,167,018			78	138	138	8.87 mi	300-795 ACSSR "Dove"	Wood H-frames & Steel Poles & wood H-frames	75-100'	8.87 mi	0	0.00 mi	25,101 (C) (S) (B)	
1017126	Rosen - Shiloh T.L. Addition (138)	Aransas	Modify existing transmission line, 138, Rosen-Hickman, to accommodate additional construction by ACP.	12/5/18	3/20/17		\$1,057,200			83	138	138	15.10 mi	300-795 ACSSR "Dove"	Steel poles	Unknown	15.10 mi	0	0.00 mi	25,101 (C) (S) (B)	
1018146	Chappel 110 Double Circuit Electric Structure - Highway 30 T.L. OH (138)	Washington	Replace selected wood poles/structures, add/replace cross arms, X-braces, insulators and conductors. ACP is to install storm hardening construction at the Chappel 110 Substation.	12/28/18	3/13/17		\$1,298,000			53	138	138	8.10 mi	300-795 ACSSR "Dove", 1-300-115 ACSSR "Dove"	Wood H-frames	75-80'	3.20 mi	0	0.00 mi	25,101 (C) (S) (B)	

LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
for
March 2017

Public Utility Commission of Texas
Project No. 46718

LCRA Project Number	Project Name	Location (City/County)	Description	Estimated for Actual Start Date	Final Date (Construction Completion)	Date Entered (if Acquisition)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (KV)	Utilized Voltage (KV)	Cross Length (Meters)	Conductor Type & Size & Spacing	Structure Type(s)	Existing ROW Width (Feet)	Shading ROW Width (Meters)	New ROW Width (Feet)	New ROW Width (Meters)	Right of Way (Feet)	Right of Way (Meters)	Comments
1016180	Brewster North - Cheapest 140 Double Circuit Break-Off Structure TL OH (T222)	Washington	Replace and overhaul 140KV structure as needed to meet current loading requirements. Replace 140KV structure with new 140KV structure. Construction at the Cheapest 140 Station.	1/6/17	5/5/17		\$5,344,000			57	138	138	9.10 mi	341-785 Solid ACSSW Tower	Lattice steel, concrete poles	80'-152'	5.80 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016228	Waggle Pole - Harmon Hill TL OH (T159)	Burnet	Replace aluminum used insulators, and replace cross arm, X-brace, insulators, new brace and arm.	2/1/17	5/2/17	2/24/17	\$287,000			100	138	138	4.8 mi	341-785 ACSSW Tower	Wood H-frame	100'	4.8 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016228	Fayetteville - Harbortown TL OH (T247)	Fayette	Transmit the overhead, replace poles, cross arm, X-brace, insulators and conductors.	12/15/16	5/20/17		\$204,000			17	138	138	8.78 mi	341-785 ACSSW Tower	Wood H-frame, Lattice steel tower, steel poles	100'	8.78 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016221	Cumby Hydro - Luling TL OH (T192)	Dallas, Garza, Caldwell	Rebuild the 10 miles (10 miles) of existing 10 KV transmission line (T192) to 138 KV capable with new structure, conductors, and OHW.	1/15/17	5/20/17		\$4,022,000			9	69	69	52.9 mi	341-785 ACSSW Tower	Steel & Concrete Pole	80'-152'	52.9 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016228	Cumby - Harmon Quarter Road TL OH (T199)	Dallas	Replace aluminum used insulators, and replace cross arm, X-brace, insulators, new brace and arm.	1/15/17	5/20/17		\$4,201,713			9	138	138	13.84 mi	341-785 ACSSW Tower	Wood H-frame & Lattice tower	100'	13.84 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016218	Eggs South-Central Creek TL OH (T421)	Brazoria, Travis, Williamson	Transmit the overhead, replace poles, cross arm, X-brace, insulators and conductors.	12/21/17	5/25/17		\$1,857,209			9	138	138	12.8 mi	341-785 ACSSW Tower	Wood H-frame & Lattice tower	100'	12.8 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016211	Cheapest - Cumby TL, Harbortown (T197/M198)	Garza, Dallas	Replace existing on the bridge transmission line structure to meet IEEEC 1001 loading requirements.	1/18/17	5/17/17	3/2/17	\$320,000			100	138	138	17.00 mi	341-785 ACSSW Tower	Lattice tower	80'	17.00 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016228	Cheapest - Cumby TL, Harbortown (T225)	Garza	Replace existing on the bridge transmission line structure to meet IEEEC 1001 loading requirements.	2/29/17	5/20/17		\$240,000			81	138	138	15.20 mi	341-785 ACSSW Tower	Lattice tower	80'	15.20 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016205	Shelton Creek Double Breaker Addition (T174)	Travis	Replace approximately 5 miles of OHW outside of Harris Branch Station.	3/14/17	4/7/17		\$1,786,544			0	138	138	7.78 mi	341-785 ACSSW Tower	Concrete Pole and Lattice Tower	100'	7.78 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016215	Cheapest 8 Circuit Breaker Add (T223)	Williamson	Modify existing transmission line, 1223, Cheapest 8 Circuit Breaker (T223) to accommodate additional construction at the Cheapest 8 Station.	3/20/17	4/2/17		\$1,371,805			0	138	138	0.1 mi	341-785 ACSSW Tower	Steel Pole	Variable	0.1 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016184	Brewster Substation Addition (T210)	Variable	Modify existing transmission line, 1210, Brewster Substation to accommodate additional construction at the Brewster Substation.	3/28/17	4/14/17		\$862,785			0	138	138	28.10 mi	341-785 ACSSW Tower	Steel Pole	CL	28.10 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	
1016185	Upper Circuit Breaker Addition (T441)	Variable	Modify existing transmission line, 1441, Brewster-Cumby LCRA to accommodate additional construction at the Upper Station.	3/10/17	5/21/17		\$1,241,859			0	138	138	28.89 mi	341-785 ACSSW Tower	Steel Pole	80' CL	28.89 mi	0	0.00 mi	25.00'	25.00' (C/S/9/8)	

LCRA TSC
TRANSMISSION CONSTRUCTION PROGRESS REPORT
For
March 2017

Public Utility Commission of Texas
Project No. 48718

LCRA's Project Number	Project Name	Location (City/County)	Description	Estimate for Acquisition (Cost)	Final Date (Construction Completion)	Due Date (Estimated)	Initial Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Change (Variance / Original)	Existing Voltage (KV)	Upgraded or New Voltage (KV)	Circuit Length (Miles)	Conductor Type & Size (e.g. 336/10 ACSSR)	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Feet)	New ROW Width (Feet)	New ROW Length (Feet)	Final Section or PUC District	Comments
1016210	Chatham - Seguin TL Span (Rebuilding) (720)	Comal Co.	Rebuild twenty (20) transmission line structures at 120KV to meet NESC safety building requirements	3/1/17	6/30/17		\$2,726,729		0	138	138	138	1.98 mi	336/10 ACSSR "D" class	Steel Poles	In city ROW	1.98 mi	0	0.00 mi	25.101 (CISVA)	
1016241	Power Lines - Vicksburg for TL (New) (720)	Hidalgo	Rebuild transmission line at 120KV to accommodate AEP's expansion of the Power Lines substation.	3/15/17	6/30/17		\$800,908		0	138	138	138	10.45 mi	336/10 ACSSR "D" class	Steel Poles	CL	10.45 mi	67	0.04 mi	25.101 (CISVA)	
1016257	Geothermal - Westlake (775)	Bastrop, Fayette, Lee	Transmission line overhead, typical poles, cross arms, hardware, insulators and conductors	6/1/17	3/30/18		\$10,877,750		0	138	138	138	14.85 mi	336/10 ACSSR "D" class	Steel and Concrete Poles	Vacant	14.85 mi	0	0.00 mi	25.101 (CISVA)	
1017282	FPF - Lytle Springs Span (Rebuilding) (725)	Bastrop, Caldwell	Rebuild a number of existing utility structures at 120KV to meet current building requirements	4/3/17	5/15/17		\$1,088,000		0	345	345	345	6.12 mi	336/10 ACSSR "D" class	Steel Lattice	100'	6.12 mi	0	0.00 mi	25.101 (CISVA)	
1018185	San Antonio - Westlake (775)	Bastrop, Fayette, Lee	Rebuild deteriorated wood utility structures and hardware cross arms, X-braces, line wires and hardware	5/15/17	8/1/17		\$3,909,000		0	138	138	138	14.85 mi	336/10 ACSSR "D" class	Wood H-frame and Concrete Poles	100'	14.85 mi	0	0.00 mi	25.101 (CISVA)	
1025440	Shenwood Shores CB Add (7187)	Brewster	Rebuild existing transmission line 138KV. Reconstruct to accommodate substation construction at the Shenwood Shores Substation.	6/1/17	9/30/17		\$528,355		0	138	138	138	21.54 mi	336/10 ACSSR "D" class	Steel H-frame and Poles	Vacant	21.54 mi	60	N/A	25.101 (CISVA)	
1019178	Acie Tap Circuit Breaker Addition (7442)	Comal	Rebuild existing transmission line 144KV. Create LCRA Pleasant Farms to accommodate substation construction at the Acie Tap Substation.	5/31/17	10/31/17		\$1,175,200		0	138	138	138	24.23 mi	336/10 ACSSR "D" class	Steel and Concrete Poles	Vacant	24.23 mi	50	N/A	25.101 (CISVA)	

LCRA TSC
Public Utility Commission of Texas
Project No. 48718
March 2017

LCRA TSC
Public Utility Commission of Texas
Project No. 48718
March 2017

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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 February 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-255 FPP Substation to Holman Substation, 345 kilovolt transmission line.

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

(b) notice to Fayette Electric Cooperative whose certificated service area is crossed by the T-255, 345 kilovolt transmission line.

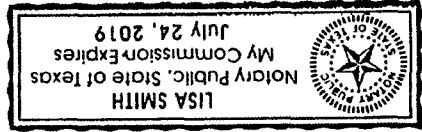
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Fayette counties. The certificated utilities described in (b) above, were ascertained by reference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

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

Larry Hendrix
AFFIANT: Larry Hendrix

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

Lisa Smith
Notary Public in and for the State of Texas



AFFIDAVIT OF NOTICE

STATE OF TEXAS

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

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

In accordance with P.U.C. Proc. Rule 25.83, on February 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-615, Sim Gideon Plant to Winchester Substation, 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on February 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-615, Sim Gideon Plant to Winchester Substation.

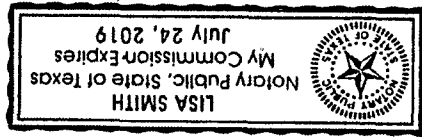
The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a), above, were ascertained by reference maps, and current tax rolls in Bastrop, Lee and Fayette counties. The certificated utilities described in (b) above, were ascertained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

SIGNED on this the 15th day of February 2017.

AFFIANIT Larry Hendrix

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

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



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AFFIDAVIT OF NOTICE

STATE OF TEXAS

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

"My name is Regina Thompson. 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 March 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

(a) owners of land crossed by the Sherwood Shores Circuit Breaker Addition. In accordance with P.U.C. Proc. Rule 25.83, on or before March 15, 2017, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to Pedernales Electric Cooperative, Inc. whose certificated service area is crossed by the Sherwood Shores Circuit Breaker Addition.

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 Burnet 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 March, 2017.

Regina Thompson
AFFIDANT: Regina Thompson

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of March, 2017.

Lisa Smith
Notary Public in and for the State of Texas

LISA SMITH
Notary Public, State of Texas
My Commission Expires
July 24, 2019

AFFIDAVIT OF NOTICE

STATE OF TEXAS

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

"My name is Regina Thompson. 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 March 15, 2017, LCRA Transmission Services Corporation completed a search and mailed notice to:

(a) owners of land crossed by the ARCO Tap Circuit Breaker Addition.

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

(b) notice to ONCOR Electric Delivery Company LLC whose certificated service area is crossed by the ARCO Tap Circuit Breaker Addition.

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 Crane 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 March, 2017.

Regina Thompson
AFFIDANT: Regina Thompson

SWORN TO AND SUBSCRIBED BEFORE ME this the 13th day of March, 2017.

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

LISA SMITH
Notary Public, State of Texas
My Commission Expires
July 24, 2019