

Control Number: 44019



Item Number: 313

Addendum StartPage: 0

# Public Utility Commission of Texas Project No. 44019

LCRA TSC LCRA TSC TRANSMISSION CONSTRUCTION PROGRESS REPORT or DECEMBER 2016

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Comments	PUC signed and issued Fruil Order on June 19, 2013.			The scope of this project is under review. Updated project intermation will be provided following evaluation.	Additional work is required on this project						
Rule Section or PUC Control Number	40094	25.101 (C)(5XB)	25.101 (C)(5)(B)	25.101 (C)(5XB)	28:101 (C)(5)(B)	26.101 (C)(6XB)	26.101 (C)(5)(8)	43588	25 101 (C)(5)(A&B)	26.101 (C)(5)(B)	25.101 (C)(5)(B)
New ROW Langth (Miles)	16 - 11 m	Varies	т 1000-т	0.00 m	ш 80 0	Е 80	00.00 mi	12.80 mi	Varies	0	0.00 mi 2
New ROW Wildth (Feet)	Varies, 60' - 100'	Varies	•	0	0	0	•	80 - 130	Varies	1250, and 7561, and 7561	•
Existing ROW Length (Miles)	14 98 -0	44.10 m	23	9.70 mi	12 93 93	1 14 mi	8.40 mi	Е. 90-0	11 10 mi	88	13.25 ml
Existing ROW Width (Feet)	Varies	Varies	ö	ġ	ŝ	ŝ	Varies	0	Blanket	125, 100, and 75	ŝ
Structure Type(s)	Skryde Pales, H- Frames	Varies	Concrete and/or Steel Poies	Wood H-Frames	Steel Lattice Towers and Poles	Steel Poles	Wood H Frames	Poles and/or H- Frames	Primarity Concrete Poles	Lattice Towers, Wrood H-Frames, & Wrood 3-Pole Structures	Steel and Concrete Poles
Conductor Type & Size & Bundling	3x1-795 ACSR "Drake"	3x1-795 ACSR "Drake"	3x1-795 ACSR Drake	Set-40 Perguin	3x2-785 ACSR Drake & 3x1 - 1233 ACSS Yukon	3x2-958.6 ACSS/TW "Suwarnee"	3x1-1/0 ACSR ACSR ACSR 3x1-4/0 ACSR "Penguin"	3r1-338.4 ACSR 'Lhner'	3d1-785 ASCR Drake	3x1 ~ 795 ASCR * Drake"	3rt - 1433.6 ACSS/TW "Merrimack"
Circult Langth (Miles)	81 ai	44.10 mi	82.82	10.70 IE	6.50 mi	ie F	18 18 19	12.80 mi	20		13.26 mi
Upgraded or New Voltage (XV)	\$	<u>\$</u>	85 85	8	<u>8</u>	8	8	8		2015 DEC	- <del>2</del>
Existing Voltage (KV)	0	8	8	8	82	8	8	•	E-	12	1.8
Percent Complete	<u>5</u>	ŝ	8	0	8	8	00			- CTI	1
eoushev 2							42%		HRS RS	PM	*
Final Actual Project Cost (\$)							\$4,048,515		LERK	÷: 2	
Final Estimated : Project Cost (\$)	\$10,408,000 T- fins: \$1,588,000 Substation	000'009'52\$	\$31,081,289	\$2,501,000	\$7,710,000	<b>\$</b> 1,189,481	\$6.922,000		S'ULL.	N	\$12,800,000
Initial Estimated Project Cost (\$)	\$10,130,000 T Ine: \$1,430,000 Substation							\$21,536,000 T- line: \$3,936,000 \$45434000 \$1,634,000 Tap			
Date Energized (H Applicable)	erizris	81,623,115				·····	8113/15		91,927,9		
Finish Date (Construction Complete)	1231/15	6/28/15	91 <i>/82/1</i> *	TBD	12/31/15	11/12/15	8/30/15	1231/18	6/2/6/15	12/3/115	5/5/16
Estimated (or Actual) Start Date	12/15/14	11//13	12/2/13	St/14	8/1/14	10/15/15	11/28/14	12/7/15	3//15	7/6/15	gn/15
Description	Construct a new 138 kV transmission line from the existing Partway substation to the E.C. Monhimmed substation	Retuild the existing 88 KV hanamission inee (T57/T1580/T581/T5917541/542), to 138 KV with new structures and conductor	Rebaild fre existing 88 KV Ennerrisaion Rees (1540/1580/1538), to 138 kV with new (1540/1580/1538), so 138 kV with new	Transmission ike overhaul, inglice poles, cross arms, X-braces and knee braces.	Rebuild the existing transmission line, 1758, with new structures and bundled 795 conductor	Rebuild the existing transmission fine, T483, Avery Ranch - Josyville, with bundled 696 6 ACSS/TW (Suvannee) conductar	Trummission line overhaul, replace poler, cross arms, X-braces, and insulatore.	Construct a new 138-4V itamamiasion line connection the new network (CTEC) Substantion to a the point on the Kwodall - Mountain Top 138-4V transmission fine (T-342).	Rebuild the edisting 69-14V transmission line to 795 ACSR 69-14V 139-14V capable	Tarsmission line ovaritaul, replace poles, cross armo, Xévaces, Insulators antion cross armo, Conductor	Rebuld the addring Zorn – York Creek – Seguin 1984/V transmission line, 1203, with 1433 Mentimack conductor
Location (City/County)	Cornal, Guadakupe	Karnes, DeWitt	Kernes, Gonzaleo, Guadalupe	Loe/Fayatta	Travis	Travis	Colorado	Giltespie, Kendall, Blanco	Cadowel, DeWitt, Gonzales	Fuyotta	Guidaltape
Project Name	E.C. Momitimeg - Parknay TL Add (TS91)	Kanney Switch - Guadalupe TL Upprade (1577/1580/1591/157a/1542)	Kanady Switch - Nizan - Seguin TL Ungada (1540/1580/15380/1538)	Warda - Giddings Transmission Line Owerhaul (7137)	Marahal Ford - Lago Vieta TL Upgrade (T256)	Avery Fanch - Jolyvile TL Upgrade (1483)	Atas-Eagle Like TL Overhaud (TS47)	Biumenthal TL Addison (1637)	Oueo Hydro - Hochtein TL Overheul (1543)	Fayetterfle - Glidder TL Overhauk (T176)	Zom - Saguin TL Upgrade (1203)
Utility's Project Number	10:0735	1013403	1012840	1012504 V	1013498	101 3387	2251101	1010656	1013774	10134343	1014341

Christen Powell Sr. Regulatory Care Manager P. D. Bor Zön (J. Bor Zön Austin, YK 2019) christen powele@icra.org

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Public Utility Commission of Texas Project No. 44019

LCRA TSC LCRA TSC TRANSMISSION CONSTRUCTION PROGRESS REPORT or DECEMBER 2015

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26.101 (C)(5)(A)	26.101 (CXS)(B)	25.101 (C)(5)(B)	26. TO1 (C)(5)(A)	25.101 (CX5)(B)	is.101 (C)(5)(A)	5.101 (C)(5)(B)	\$.101 (C)(5)(B)	5.101 (C)(B)	5.101 (C)(5)(B)	26.101 (CX5)(B)
11 8 0	12 12 12 12 12 12 12 12 12 12 12 12 12 1	т 11 12 12 12 12 12 12 12 12 12 12 12 12	12 OE 1		180					0.00 mi
0	a	-	ŝ	-	ŝ	0	o	0	•	•
10.00 ml	1 10 mč	13.50 mi	32.00 mi	14.80 mi	0.10 ml	51.52 m	21 00 III	17.68 19.	14.50 mi	27.31 mi
80 8 CT	ರ	5	ಕ	R	T-476: Canterline & T-476: 80	Varies	ರ	DL & 100'	Varios	UR BU. CI & BU.
Concrete and Steel Poles	Wood H-Frames	Wood H-Frames, Lattice Towers, Wood 3-Pole	Concrete and Steel Poles	Wood H-Frames and Lattice Towers	Steel Pole	Steel H-frames and Polet	Vood H-Frames and Stati Lattice Towers	Steel Poles	Steel Polet	Concrete and Stael Poles
3k1 & 3k2- 796 ACSR "Drake"	3x1-795 ACSR "Drake"	3et-795 ACSR "Drake"	3x1-795 ACSR Drate	Single 795 ACSR "Drake" & Bundled Brahma ACSR (STR# 17/1- F18/1)	T-476: Single 969.6 ACSS/TW Suwannes & T-478: Single 785	Single 795 CSR "Drake"	3x1-795 ASCR Drake	3x1-795 ASCR "Drake"	342-795 CSR Drake	3x2-795 ACSR "Drake"
10.00 mi	е Т	13.50 m	29	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.10 m	51.52 ml	21 10 mi	17.05 mi	14 50 m	27.31 mi
<u>8</u>	8	138	<u>8</u>	ñ	8	85	8	85	ŝ	<u>8</u>
138	88	138	<u>\$</u>	8	8	8	ŝ	8	ŝ	<u>8</u>
o	Ş	52	•	ŵ	R	-	a	o	¢	0
\$1.547,000	\$439,800	\$4,998,310	000'005\$	\$6,000,000	\$1,490.125	\$63,000,000	\$4,500,000	990'098	\$1,040,291	\$275,000
5/5/6	10%/15	3/31/16	2/28/16	5/30/16	3/3/16	11/2817	4/29/16	6/11/16	5/30/16	anne
10/2/15	1014/15	10/12/15	121/15	10/1/15	101/15	31/16	31/11/1	3/4/6	21/16	1/29/16
Mactify existing transmission line, T446, LCRA West Yabas-Meas View, to accommodate subsistion construction at the new Long Loop Switchyand	Transmission fine overhaut, replace polies, cross arries, X-bracea, insulators and conductor	Transmission line overhaul, replace potes, cross arms, X-Xarsee, Insulators and conductor	Modify existing transmission fine, 7470, Ablenes South Fattola, to accommodate Ablenes South Fattola, to accommodate substation construction at the new Budman Substation	Transmission fine overhaul, replace polies, cross arme, X-broces, insulators and conductor	Modify existing transmission Ine, THTS, Ahline- Narez Base, and THTR, Neved Basel-Lagura, to eccommodele eubebion cometuction by AEP eccommodele eubebion	Rokuld the existing GB VV transmission lines (1461/1130), to 138 VV with new stituctures and concluder	Transmission lievo overnaut, nystava poliev. Ucross arma, Zenocosa, Instalators and ucross arma, conductors	Modify existing transmission line, 1580, nixon AEP-Million, to occommodate substation construction at the new Olitek Substation.	Modify existing transmission fre, 1160, McNell- Marbial Ford, to accommodule substation construction at Hoden Valley Substation.	Modify etiting transmission (m., 1449, Rio Pecce-Mesa View Switch: to accommodate Gubrisbon construction at the new Turnis Creek Substation
Precos	Lempses	sesadur	Taylor	Waller, Washington	Nueces	Lempasas, Mills, San Seba	Gitespia, Kendali	Gonzales, DeWitt	Travis	Peccs
Long Loop (Mens View CB Add)	Coppens Cove-Oncor Tie (1393)	Copperat Cove-Lampasas TL Overhaul (T154)	Teylor County Load Interconnection	Chappel Hill Double Circuit break-off ethorhure/Weller TL OH (7222)	Naral Base TL Relocation (1475/1478)	Goldfreese-Lampaaaa Tu Upgarada	Frodericksburg Kendal TL Dverhaul (T123)	Galett Substation Addition	Hidden Valley Substation Upgrade	Turas Creek Substation Addition
1014810	1013485	1013448	1014758		121	1204	ě	3518	883	1015101
	Lung Lung Lung (Mean Yain Cit Add)   Notify entropy manufaction (in, 1748). (Cit Add)   S1: 57,000   Call 2001   S1: 82,000   S1: 82,000   Call 2001   Call 2001 <td>Lug Lug (Mex Van CB Ad)   Para   Weily entring transmission in T (Ad)   T (Ad)   S (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   &lt;</td> <td>Under Long Loop (Mean Van CI Add)   Press   Media fragmentation in T (Add)   Press   Set is Add   Set is Add   Set is Add   Description   <thdescription< th="">   Description   &lt;</thdescription<></td> <td>Und loop derive (not of Ad)   Pass a built on contract (not accounted)   Out of a built on contract (not accounted)   Out on contract (not accounted)   Out on cont</td> <td>·   ·</td> <td><math display="block"> \left( \begin{array}{cccccccccccccccccccccccccccccccccccc</math></td> <td>include include include</td> <td><math display="block"> \  \  \  \  \  \  \  \  \  \  \  \  \ </math></td> <td>· Lot interfaciential   · Lot interfacientinterfaciential   · Lot interfaciential&lt;</td> <td>Image: second second</td>	Lug Lug (Mex Van CB Ad)   Para   Weily entring transmission in T (Ad)   T (Ad)   S (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   D (CO)   M (A 2d)   Convolution (Mex Van CB Ad)   D (CO)   <	Under Long Loop (Mean Van CI Add)   Press   Media fragmentation in T (Add)   Press   Set is Add   Set is Add   Set is Add   Description   Description <thdescription< th="">   Description   &lt;</thdescription<>	Und loop derive (not of Ad)   Pass a built on contract (not accounted)   Out of a built on contract (not accounted)   Out on contract (not accounted)   Out on cont	·   ·	$ \left( \begin{array}{cccccccccccccccccccccccccccccccccccc$	include	$ \  \  \  \  \  \  \  \  \  \  \  \  \ $	· Lot interfaciential   · Lot interfacientinterfaciential   · Lot interfaciential<	Image: second

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Public Utility Commission of Texas Project No. 44019

Comments

LCRA TSC LCRA TSC TRANSMISSION CONSTRUCTION PROGRESS REPORT 6c DECEMBER 2015

Rule Section or PUC Control Number	(0) 55 52	(D)	(d) 52 52	25.83 (D)	25.83 (D)	25.101 (C)(5)(B)	25.83 (a)(3)
New ROW Length (Milos)	0.00 mi	ш 8 8	ш 080	ш 80.0	т 1000 1000	000 mi	78 00 00
New ROW Width (Feet)	0	D	o	0		0	0
Existing Existing ROW Width ROW Length (Feet) (Miles)	2.60 mi	2.60 mi	2.45 mi	2.45 mi	ш. <del>2</del> 0	31.66 mi	17.30 mi
Existing ROW Width (Feet)	ರ	ರ	ರ	ಕ	ಕ	Varies	Varies
Structure Type(s)	3x2. 785 ACSR 'Dreire' Lattice Towars	Latica Towers	Concrete and Steel Poles, Steel Lattice Towers	Concrets and Steel Poles, Steel Lattice Towers	Primarky Wood H Frames	Steel Poles	Steel and Concrete Poles
Conductor Type & Size & Bundling	3x2. 795 ACSR 'Drake'	3x2-756 ACSR 'Drake"	3x1 - Merimack ACSS/TW 1433.6	3x1 - Merimack ACSS/TW 1433.6	3x1-4/D 'Penguin''	3x1-785 ACSRVAW "Drake"	3x2-795 ACSR 'Drake"
Circuit Length (Miles)	2.60 mi	2.60 mi	2.45 mi	2.45 mj	0.25 mi	31.66 mi	17.30 mi
Upgraded or New Voltage (KV)	345	345	138	5 13	8	138	138
Existing Voltage (KV)	345	345	ŝ	8	8	8	138
Percent Complete	55	8	8	8	D	٥	0
aonahaV %							
Final Actual Project Cost (\$)							
Initial Estimated Final Estimated Final Actual Project Coast (8) Project Coast (8)	\$2,300.000	<b>51.200,000</b>	\$1,400.000	000,008,18	\$645,000	5448.764	000'/552\$
Initial Estimated Project Cost (\$)							
Dute Energized (M Applicable)							
Finish Date (Construction Complete)	12/22/15	12/23/15	12/1/15	29916	6/30/16	331/16	5/31/16
Estimated (or Actual) Start Date	11/2/15	11/2/15	11/2/15	11/2/15	6/3/16	2/1/16	2/1/16
Detrotipton	Rapar damaged transmission Inn. T389, due to wind atom:	Repair damaged transmission line, 1227 due to wind strom.	Repair damaged traventssion line. 7204, due to vérd storm:	Repair damagad transmission lina, 1205, due to wind atom.	Alepair clamaged transmission line, 1220. due to storm.	Modry attering summission line, T485, Rio Granda Ciq-La Grub, to accommodele read escention by TXDOT	Modify existing variantiasion frag. T.con.HB. Nuastas Bay to mask.NESC and LCRA. TSC. Mulastas Bay to maintum clearances.
Location (City/County)	Guadatupe	Guadalupe	Guadalupe	Guadatupe	Guadahupe	ts taget	Nuecos
Project Name	Zun-Hayes Ennrgy - Storm Restoration	Zom-Hayes Erengy - Starm Restantion	Zem Herne - Slom Restoration	Zon-McCarty Lare - Storm Restoration	San Marcea-R Brown - Storm Restoration	TXDOT FM 755 Realignment Rio Grands Cay-La Grudia (1485)	Lon Hak-Nueces Bay TL Mantenance
Utility's Project Namber	1015970	1015972	1015974	10/5976	1015965	1014911	1014954

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STATE OF TEXAS

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

"My name is David Payne. 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 December 15, 2015, 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-449 Rio Pecos to Mesa View Switch, 138 kilovolt transmission line.

In accordance with P.U.C. Proc. Rule 25.83, on or before December 15, 2015, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to <u>American Electric Power</u> whose certificated service area is crossed by the T-449 Rio Pecos to Mesa View Switch, 138 kilovolt transmission line.

The search for the names of the landowners whose property is crossed by the modified electric transmission facility as described in (a) above, were ascertained by reference maps, and current tax rolls in Travis 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 day of December, 2015. AFFIANT: David Payne day of December, 2015. SWORN TO AND SUBSCRIBED BEFORE ME this the **LISA SMITH** Notary Public, State of Texas My Commission Expires Jotary Public in and for the July 24, 2019 State of Texas

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### **AFFIDAVIT OF NOTICE**

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### STATE OF TEXAS

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 December 14, 2015, LCRA Transmission Services Corporation completed a search and mailed notice to:

(a) owners of land crossed by the existing transmission facility to be modified T-437 Lon Hill to Nueces Bay Transmission Line.

In accordance with P.U.C. Proc. Rule 25.83, on December 14, 2015, LCRA Transmission Services Corporation mailed by first class mail:

(b) notice to <u>American Electric Power</u> whose certificated service area is crossed by the T-437 transmission line.

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

SIGNED on this the 1442 day of December, 2015.	
AFFIANT: Korry Hendrix	
SWORN TO AND SUBSCRIBED BEFORE ME this the day of December,	
2015. LISA SMITH Notary Public, State of Texas My Commission Expires	
July 24, 2019 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 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 December 15, 2015, 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-485 Rio Grande City to La Grulla Transmission Line.

In accordance with P.U.C. Proc. Rule 25.83, on December 15, 2015, LCRA Transmission Services Corporation mailed by first class mail:

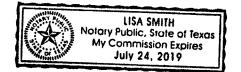
(b) notice to <u>American Electric Power</u> whose certificated service area is crossed by the T-485 transmission line.

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

SIGNED on this the //// Lay of December, 2015.

Larry Hendrix

SWORN TO AND SUBSCRIBED BEFORE ME this the day of December, 2015.



Notary Public in and for the State of Texas