



Control Number: 46718



Item Number: 279

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**SOUTHWESTERN ELECTRIC POWER COMPANY
CONSTRUCTION PROGRESS REPORT
OCTOBER 2017**

**Public Utility Commission of Texas
Project No. 46718**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Control Number	Comments
41617869	Valiant to NW Texarkana 345-kV Texas Portion	Bowie	Construct new 345-kV double circuit capable transmission line from the Red River Crossing to the SWEPCO NW Texarkana Substation and necessary termination facilities at NW Texarkana	10/27/2014	12/12/2016	12/1/2016	\$ 69,641,000.00	\$ 71,815,773.00			99		345	44.22	954 ACSR	Steel, Single Pole			150	44.22	40685	Approved 08/30/13 Project WO number changed for TX portion of project
42478190	Welsh HVDC TCC Phase 2	Titus	Complete expansion of 345 kV station yard, install new bus, control building, relays and station equipment, and 5th harmonic reactor filter	4/11/2016	9/30/2017	8/28/2017		\$ 20,820,753.00			95	345									16 TAC 25.101 (c)(5)(B)	SWEPCO portion of total project costs Land for expansion has been purchased
42435017	Hallsville - Marshall 69 kV Line Rebuild	Harrison	Rebuild and Reconductor 11.24 Miles of 69-kV T Line to 138 kV Standards Continue to Operate at 69 kV	10/17/2016	6/2/2017	6/2/2017		\$ 14,870,000.00			99	69	69	11.24	954 ACSR 547 (Cardinal)	Steel, Single Pole	50	11.24			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42505752	Marshall Station Remote End Work	Harrison	Equipment and Relay Protection Upgrades	1/31/2017	6/2/2017	6/2/2017		\$ 857,900.00			99	69									16 TAC 25.101 (c)(5)(B)	
42528111	Knox Lee 138 kV Relocation	Panola	Relocate a 2.30 mile portion of the Knox Lee-Rock Hill Heights 138-kV transmission line for Luminant Mining	2/5/2017	5/30/2017	4/28/2017		\$ 2,698,544.00			99	138	138	2.30	795 ACSR	Steel, Single Pole	Centerline	2.30	100	2.20	16 TAC 25.101 (c)(5)(D)	Landowners Noticed Easements Obtained Project is Reimbursable
42514131	Latouneau Capacitor 69-kV Capacitor	Gregg	Add a 16.2 MVAR, 69-kV capacitor bank at Latouneau with a 69-kV capacitor	4/3/2017	7/2/2017	6/26/2017		\$ 1,438,741.00			95	69									16 TAC 25.101 (c)(5)(B)	Within Station Property
42593741	Tenaska Replace LCB11 Relays	Rusk	Replace LCB11 relays on the circuit Tenaska Gateway - Tenaska Switch 12660-1850	5/1/2017	5/25/2017			\$ 274,730.00				345									16 TAC 25.101 (c)(5)(B)	Within Station Property
42644305	Diana Station Rehab	Harrison	Replace 138-kV CB's 10700 and 11660 and 345-kV CB 11900 Replace 10700 and 11660 relays	8/21/2017	4/15/2018			\$ 1,590,300.00			10	345									16 TAC 25.101 (c)(5)(B)	Within Station Property
42241009	Longview Heights-Hallsville 69-kV Line Rebuild	Gregg/Harrison	Rebuild and Reconductor Longview Heights to Hallsville 69-kV T Line to 138-kV Standards but will continue to be operate at 69 kV	8/1/2017	2/23/2018			\$ 8,791,297.00			15	69	69	8.60	954 ACSR 547 (Cardinal)	Steel, Single Pole	50	6.60			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42505692	Longview Heights Station Remote End Work	Gregg/Harrison	Upgrade switches & conductor to at least 2000A, add new router, reset relay CT and settings	8/7/2017	2/23/2018			\$ 598,010.00			10	69									16 TAC 25.101 (c)(5)(B)	
42625879	DeKalb to Buford Survey 69-kV Line Rebuild	Bowie/Morris	Rebuild and Reconductor DeKalb to Buford Survey 69-kV T-Line to 138-kV Standards but will continue to be operated at 69 kV	10/23/2017	5/18/2018			\$ 28,930,744.00				69	69	19.40	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	19.40			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42625878	Naples to Buford Survey 69 kV Line Rebuild	Morris	Rebuild and Reconductor Naples to Buford Survey 69 kV T-Line to 138-kV Standards but will continue to be operated at 69 kV	12/1/2017	4/28/2018			\$ 7,643,591.00				69	69	6.60	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Varies	6.60			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42678611	Morton Substation T-Line Assets	Van Zandt	Build 1500' of double-circuit 138-kV line for cut in to SWEPCO Morton Station	1/8/2018	3/23/2018			\$ 1,301,441.00					138	0.30	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole			100	0.30	16 TAC 25.101 (c)(5)(A)	Landowner Consent Obtained
42678612	Morton Substation T-Station Assets	Van Zandt	Install two 138-kV rated MOABS and one 138-kV Rated bus tie switch	4/15/2018	10/1/2018			\$ 1,487,960.00					138								16 TAC 25.101 (c)(5)(B)	Property Purchased
42672427	Hedley Memphis 69-kV Line Rebuild	Donley / Hall	Rebuild and Reconductor 12.58 Miles of 69 kV T-Line to 138-kV Standards Continue to Operate at 69 kV	8/5/2017	5/14/2018			\$ 13,387,787.00				69	69	12.58	T2 477 KCM ACSR	Steel, Single Pole	Various	12.58			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements Landowners noticed

Ten L Walker
American Electric Power
400 West 13th Street, Suite 1520
Austin TX 78701-1662
twalker@aep.com

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**SOUTHWESTERN ELECTRIC POWER COMPANY
CONSTRUCTION PROGRESS REPORT
OCTOBER 2017**

**Public Utility Commission of Texas
Project No. 46718**

Utility's Project Number	Project Name	Location (City/County)	Description	Estimated (or Actual) Start Date	Finish Date (Construction Complete)	Date Energized (if Applicable)	Initial Estimated Project Cost (\$)	Final Estimated Project Cost (\$)	Final Actual Project Cost (\$)	% Variance	Percent Complete	Existing Voltage (kV)	Upgraded or New Voltage (kV)	Circuit Length (Miles)	Conductor Type & Size & Bundling	Structure Type(s)	Existing ROW Width (Feet)	Existing ROW Length (Miles)	New ROW Width (Feet)	New ROW Length (Miles)	Rule Section or PUC Central Number	Comments
42672008	Whitney Station: Replace Breakers and Transformers	Gregg	Replacement of six (6) transmission breakers, two autotransformers, bus and controls	8/8/2017	6/17/2018			\$ 10,236,675.00				138									16 TAC 25 101 (c)(5)(a)(3)	Within Station Property
42621746	Clarendon-Hedley 69-kV Line Rebuild	Dorley	Rebuild and Reconductor 14.48 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	8/8/2017	5/14/2018			\$ 14,463,583.00				69	69	14.48	T2 477 KCM ACSR	Steel, Single Pole	Various	14.48			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42623013	Dangerfield-Jenkins T Rebuild	Morris	Rebuild and Reconductor 1.3 Miles of 69-kV T-Line from Dangerfield to Jenkins REC "T" to 138-kV Standards Continue to Operate at 69 kV	8/18/2017	11/17/2017			\$ 2,321,307.00				69	69	1.30	1272 ACSR	Steel, Single Pole	Various	1.30			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42622815	Jenkins T - Hughes Springs Rebuild	Hughes Springs/Cass,Morris	Rebuild and Reconductor 4.76 Miles of 69-kV T-Line from Jenkins "T" to Hughes Springs Substation to 138-kV Standards Continue to Operate at 69 kV	11/13/2017	3/30/2018			\$ 8,786,000.00				69	69	4.76	1272 ACSR	Steel, Single Pole	Various	4.76			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42581180	Evenade - NW Henderson 69-kV Rebuild	Henderson/Rusk	Rebuild, Reconductor, and Partially Relocate 6.38 Miles of 69-kV T-Line from Evenade - NW Henderson to 138-kV Standards Continue to Operate at 69-kV	11/8/2017	6/1/2018			\$ 9,003,800.00				69	69	6.38	1272 ACSR 54/18 (Phasant)	Steel, Single Pole	Various	6.38	100	0.08	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Utilizing existing easements Consent acquired where necessary Landowners noticed
42679898	Evenade Station Remote End Work	Henderson/Rusk	Evenade Station - Expand station to accommodate DCM, replace CB-1230 and disconnect switches, add surge arresters and replace existing bus PT's with CCVT's, replace RTU	11/6/2017	6/1/2018			\$ 2,215,100.00				69									16 TAC 25 101 (c)(5)(a)(3)	Within Station Property
42679900	NW Henderson Station Remote End Work	Henderson/Rusk	NW Henderson Station - Upgrade 69-kV Evenade terminal for new relaying	1/8/2018	6/1/2018			\$ 589,200.00				69									16 TAC 25 101 (c)(5)(a)(3)	Within Station Property
42751512	Public Relocation Hawkins-Minorale	Wood	Raise 69-kV transmission line to meet current clearance standards, requires removal of 5 wood h-frame structures & installation of 5 new steel poles	3/5/2018	6/1/2018			\$ 823,653.00				69				Steel Single Pole					16 TAC 25 101 (c)(5)(D)	Landowners Noticed
42621757	Memphis-Estelline 69-kV Line Rebuild	Memphis/Hall Estelline/Hall	Rebuild Reconductor, and Partially Relocate 16.15 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	12/7/2017	2/1/2019			\$ 14,745,480.00				69		16.15	T2 477 KCM ACSR	Steel, Single Pole	Various	16.15	100	0.18	16 TAC 25 101 (c)(5)(B) & 16 TAC 25 101 (c)(5)(E)	Landowners Noticed Consent New Easement & Supplements were acquired as necessary
42672428	Estelline-W Childress 69 kV Rebuild	Estelline/Hall, Childress/Childress	Rebuild and Reconductor 17.23 Miles of 69-kV T-Line to 138-kV Standards Continue to Operate at 69 kV	12/7/2017	12/23/2018			\$ 18,743,780.00				69		17.23	T2 477 KCM ACSR	Steel Single Pole	Various	17.23			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42672429	Childress Amoco Tap 69 kV Rebuild	Childress	Rebuild and Reconductor 1.56 Miles of 69-kV to 138-kV Standards Continue to operate at 69 kV	12/7/2017	11/7/2019			\$ 2,018,300.00				69		1.56	T2 477 KCM ACSR	Steel, Single Pole	Various	1.56			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed

AFFIDAVIT

STATE OF TEXAS

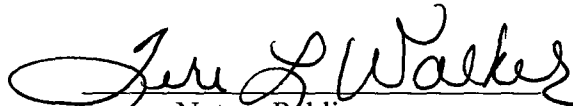
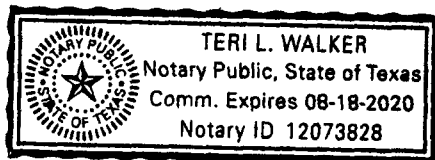
COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Southwestern Electric Power Company regarding notice to perform the rebuild and reconductor of the Estelline to West Childress 69kV transmission line as described in Project No. 42672428 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for October 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Hall and Childress County tax rolls associated with these activities on all properties directly affected by these activities, has noticed any utilities whose certificated service area is crossed by this rebuild of facilities, has noticed any owners of parks and recreation areas within 1,000 feet, and any airports within 10,000 feet, of the centerline of this rebuild and reconductor of facilities, and has acquired all of the necessary easements to proceed with this project.



Roy R. Bermea
Regulatory Consultant
AEP Texas Inc.

SUBSCRIBED AND SWORN TO BEFORE ME, a Notary Public in and for the State of Texas, this 18th day of October, 2017.


Notary Public

AFFIDAVIT

STATE OF TEXAS

COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Southwestern Electric Power Company regarding notice to perform the rebuild and reconductor of the SWEPCO Amoco Tap to Childress Amoco Station transmission line as described in Project No. 42672429 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for October 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Childress County tax rolls associated with these activities on all properties directly affected by these activities, has noticed any utilities whose certificated service area is crossed by this rebuild of facilities, has noticed any owners of parks and recreation areas within 1,000 feet, and any airports within 10,000 feet, of the centerline of this rebuild and reconductor of facilities, and has acquired all of the necessary easements to proceed with this project.

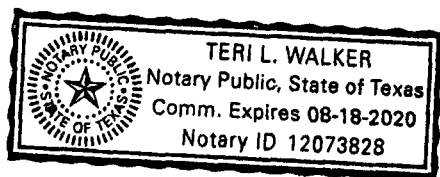


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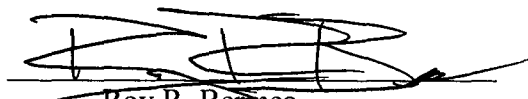


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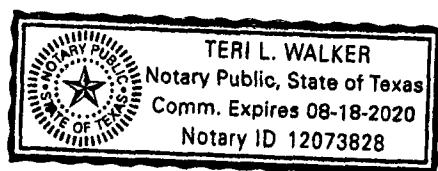
STATE OF TEXAS

COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Southwestern Electric Power Company regarding notice to perform the rebuild, reconductor, and partial relocate of the Memphis to Estelline 69kV transmission line as described in Project No. 42621757 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for October 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Hall County tax rolls associated with these activities on all properties directly affected by these activities, has noticed any utilities whose certificated service area is crossed by this rebuild of facilities, has noticed any owners of parks and recreation areas within 1,000 feet, and any airports within 10,000 feet, of the centerline of this rebuild and reconductor of facilities, and has acquired all of the necessary easements to proceed with this project.


Roy R. Bermea
Regulatory Consultant
AEP Texas Inc.

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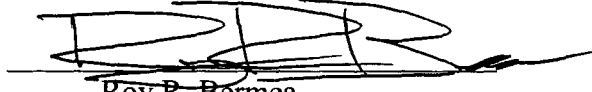

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STATE OF TEXAS

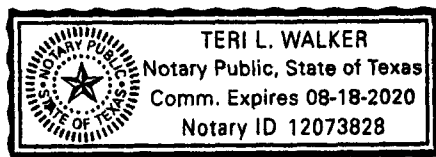
COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing Southwestern Electric Power Company regarding notice to perform the public relocation within the Hawkins to Mineola 69kV transmission line as described in Project No. 42751512 in the PUCT Monthly Construction Progress Report (PUCT Project No. 46718) for October 2017. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that Southwestern Electric Power Company has noticed all landowners on the current Wood County tax rolls associated with these activities on all properties directly affected by these activities, has noticed any utilities whose certificated service area is crossed by this rebuild of facilities, has noticed any owners of parks and recreation areas within 1,000 feet, and any airports within 10,000 feet, of the centerline of this rebuild and reconductor of facilities, and has acquired all of the necessary easements to proceed with this project.



Roy R. Bermea
Regulatory Consultant
AEP Texas Inc.

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