



Control Number: 50421



Item Number: 315

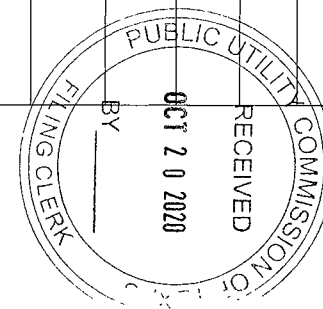
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**SOUTHWESTERN ELECTRIC POWER COMPANY
CONSTRUCTION PROGRESS REPORT
OCTOBER 2020**

**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 & 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
42872935	Bann - Redlick 69-kV Rebuild	Bowe	Rebuild and Reconnector the Bann to Redlick 69-kV T-Line (existing double circuit with Bann to New Boston 138-kV transmission line) to 138-kV Standards but will continue to operate at 69 kV	9/3/2019	12/13/2019	12/14/2019	\$ 2 815 625 00				99	69		1 50	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	Various	1 50	100	1 50	16 TAC 25 101 (c)(5)(B)	Landowners Consent Obtained
42633475	Bann - North New Boston 138-kV Line Rebuild	Bowe	Rebuild and Reconnector 1 50 miles of the Bann to North New Boston 138-kV T-Line (existing double circuit with Bann to Redlick 69-kV transmission line)	9/3/2019	12/12/2019	12/12/2019	\$ 2 695 041 00				99	138		1 50	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	Varies	1 50	100	1 50	16 TAC 25 101 (c)(5)(B)	Landowners Consent Obtained
42644732	Adora Tap - West Mt Pleasant	Mt Pleasant/Titus	Rebuild and Reconnector 0 86 miles of 69-kV T-Line to 138-kV Standards Continues to operate at 69 kV	3/19/2018	5/1/2109		\$ 1 360 000 00				0	69		0 86	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	Varies	0 86			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42622941a	Pilgrims Pkde - Winfield Rehab (Pilgrims Pkde - Adora Tap)	Titus	Rebuild and Reconnector 1 61 miles of 69-kV T-Line to 138-kV Standards Continues to operate at 69 kV	1/15/2018	3/16/2019		\$ 1 416 964 00				5	69		1 61	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	Various	1 61			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42678576	Wilkes 345-kV Replace breakers and auto transformer	Marion	Replace 138-kV Breakers and Bus and one 138/345-kV auto transformer	4/1/2018	5/14/2021		\$ 13 776 933 00				65	345 / 138									16 TAC 25 83(a)(3)	Within Station Property
42707036	Vernon Station (SPP) Breaker Replacement	Vernon/Wilbarger	Replace 69-kV Circuit Breakers 122	7/2/2018	5/1/2019	4/30/2019	\$ 787 621 00				99	69									16 TAC 25 83(a)(3)	Within existing property
42763999	Pirkey - Tenaska Rusk County 345-kV Line Relocate	Harrison	Relocate a 1 50 mile section of the existing SWEPKO Pirkey-Tenaska Rusk County 345-kV transmission line to facilitate advancement of mining at Sabine Mine Relocation occurs between Pirkey Substation and Lebrock Substation	1/7/2019	6/14/2019		\$ 9 048 389 00				15	345		2 70	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	150	1 50	150	2 70	16 TAC 25 101 (c)(5)(E)	Landowner Consent Obtained
42872933	Richmond Rd - NW Texarkana SWAEC Tap 69-kV Line Rebuild	Texarkana/Bowe	Rebuild and Reconnector 1 10 miles of the NW Texarkana SWAEC Tap to Richmond Road 69-kV T-Line to 138-kV standard but will continue to operate at 69 kV	12/1/2020	5/31/2021		\$ 2 046 020 00				0	69		1 10	1272 KCM 54/19 ACSR PHEASANT	Steel, Single Pole	Varies	1 10			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42896414	Hill Lake	Panola	Hill Lake 138-kV Extension Terminate the Logansport - Rock Hill - Tenaha 138-kV transmission line with double-circuit structures into new Hill Lake Station	3/26/2019	8/31/2019	8/28/2019	\$ 1 680 114 00				98		138	0 50	1272 ACSR 54/19 (Pheasant)	Steel Single Pole			100	0 25	16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42879422	Brandy Branch 138-kV Box Bay	Harrison	Terminate the Knox Lee - Pirkey 138-kV transmission line into Brandy Branch 138-kV POD Box Bay This will also include the temporary hard tap for the customer	7/15/2019	3/28/2020	5/21/2020	\$ 386 742 00				99	138		0 19	Bundled CABLEW 1033 5 ACSR/SD TYPE 5 42/7	Steel Single Pole	Varies	0 19			16 TAC 25 101 (c)(5)(A)	Transmission line within Company owned property No additional easement required
42986367	IPC 138-kV Expansion T-Station Asset	Cass	Install one b-hv bus support and bus work to get to the new switch in front of the circuit switcher	8/1/2019	3/30/2020	3/25/2020	\$ 335 446 00				99	138									16 TAC 25 83(a)(3)	Within Station Property
42872872	Mt Pleasant to Cookville Tap 69-kV Line Rebuild	Mt Pleasant/Titus	Rebuild and Reconnector Mt Pleasant to Cookville Tap 69-kV T-Line to 138-kV standards but will continue to operate at 69 kV	7/4/2019	4/19/2020	3/12/2020	\$ 8 771 835 00				99	69		8 16	1272 KCM 54/19 ACSR PHEASANT	Steel Single Pole	Varies	8 16			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements Landowners noticed
42879407	Brandy Branch 138-kV Box Bay	Harrison	Construct a new 138-kV POD Box Bay with 2-3000A MO Scada-Controlled switches with SF6 Interrupters 1-3000A MO Scada-Controlled Tap Switch and 1-3000A Maintenance Switch on the Knox Lee - Pirkey 138-kV transmission line	1/13/2020	5/21/2020	5/21/2020	\$ 1 776 292 00				99		138								16 TAC 25 83(a)(3)	Within Company-Owned property No additional easement required

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OCTOBER 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 (\$)	% 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
42905188	Mt Pleasant 69/138-kV substation	Mt. Pleasant/Titus	Upgrade switch 4112 and associated breakers and bus jumpers to 2000amps. Upgraded strain bus in west 69 kV bay. Install OPGW fiber. Work includes mobil hook up and use.	1/13/2020	3/10/2020	3/11/2020		\$ 402 442 00			99	69									16 TAC 25 83(a)(3)	Within Station Property
42872934	Richmond Rd - Redlick Tap 69-kV Line Rebuild	Texarkana/Bowre	Rebuild and Reconductor 2.8 miles of the Redlick Tap to Richmond Road 69-kV T-Line to 138-kV standards but will continue to operate at 69 kV.	12/1/2019	5/29/2020	5/6/2020		\$ 7 257 264 00			99	69		2.87	1272 KCM 54/19 ACSR "PHEASANT"	Steel Single Pole	Vanes	2.87			16 TAC 25 101 (c)(5)(B)	Utilizing existing easements. Landowners noticed.
42944083	North Mineola Substation Rebuild	Mineola/Wood	Replace circuit breakers and associated breaker jumpers. Replace disconnect switches. Replace PTs with (3) new CCVTs on Mineola line terminal and Quitman line terminals.	2/10/2020	11/2/2020			\$ 2 019 063 00			75	69									16 TAC 25 83(a)(3)	Within Station Property
42626681	Anderson Creek 138-kV Substation	Bowe	Remote end relay upgrade work. Replace existing CTs and PTs with new CT/PT combo metering. New 3 phase CCVTs will be installed. Install new 3-bay transducer unit with DC power system.	3/21/2020	5/22/2020	5/26/2020		\$ 1 082 184 00			80	138									16 TAC 25 83(a)(3)	Within Station Property
42905185	Cookville 69-kV Box Bay	Titus	Construct new 138-kV Box Bay POD (operating at 69-kV) at the Cookville 69-kV Tap with three (3) MOAB switches and remove two (2) existing switches. Add fiber transition into station along the line. No auto-sectionalizing required.	5/18/2020	9/29/2020	9/28/2020		\$ 1 876 457 00			99		69								16 TAC 25 83(a)(3)	Landowner Consent Obtained
42905186	Buford Survey 69-kV Box Bay	Morris	Construct new 138-kV Box Bay POD (operating at 69-kV) at the Buford Survey 69-kV Tap with three (3) MOAB switches and remove three (3) existing switches. Add fiber transition into station along the line. Auto-sectionalizing required.	6/22/2020	10/28/2020			\$ 1 908 905 00			80		69								16 TAC 25 83(a)(3)	Landowner Consent Obtained
42905190	DeKalb to Mt. Pleasant 69-kV transmission line Cut-Ins to new Box Bays	Titus/Morris	Terminate the existing DeKalb to Mt. Pleasant 69-kV transmission line into the new Cookville 69-kV Box Bay and Buford Survey 69-kV Box Bay. Will be built to 138-kV Standards but operated at 69-kV.	5/12/2020	10/28/2020			\$ 1 390 988 00			80	69		0.30	1272 KCM 54/19 ACSR "PHEASANT"	Steel Single Pole	Vanes	0.30			16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
T10104999	Cookville 69-kV Tap Cut-In to new Cookville Box Bay	Titus	Terminate the existing Cookville 69-kV Tap into the new Cookville 69-kV Box Bay. Will be built to 138-kV Standards but operated at 69-kV.	5/12/2020	9/29/2020	9/28/2020		\$ 571 219 00			99	69		0.10	1272 KCM 54/19 ACSR "PHEASANT"	Steel Single Pole	Vanes	0.10			16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
T10105018	Buford Survey 69-kV Tap Cut-In to new Buford Survey Box Bay	Morris	Terminate the existing Buford Survey 69-kV Tap into new Buford Survey 69-kV Box Bay. Will be built to 138-kV Standards but operated at 69-kV.	5/12/2020	10/28/2020			\$ 275 761 00			80	69		0.10	1272 KCM 54/19 ACSR "PHEASANT"	Steel Single Pole	Vanes	0.10			16 TAC 25 101 (c)(5)(A)	Landowner Consent Obtained
42944074 (P16222007)	Mineola 69-kV Substation Upgrade & Expansion	Wood	Replacement of one 69-kV breaker and upgrade of another. Replacement of four switches, (9) coverts and 3 arresters. Rebuild of existing bus for increased rating needed and relocate existing arresters and other equipment for the rebuild. Install new DCM to replace switch house equipment. Expand substation property.	6/15/2020	4/21/2021			\$ 4 153 685 00			25	69									16 TAC 25 83(a)(3)	Property Purchased

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42941298 (P18222001)	New Outman 69-kV Substation	Wood	Construct a new 69-kV 40kA 2000A, (4) four-breaker ring bus design substation on a new station pad on 10 acres of purchased property located about 0.6 miles to the northeast of existing Outman Substation	6/15/2020	11/24/2021		\$ 5,674,838.00				25		69								16 TAC 25.83(a)(3)	Property Purchased
42631655 (A16906006)	39th Street - NW Texarkana SWAEC Tap 69-kV Line Rebuild	Texarkana/Bowe	Rebuild and Reconnect 4.92 miles of the 39th Street to NW Texarkana SWAEC Tap 69-kV T-Line to 138-kV standards but will continue to operate at 69-kV	8/3/2020	2/28/2021		\$ 15,062,764.00				5	69		4.92	1272 KCM 54/19 ACSR "PHEASANT"	Steel, Single Pole	Vanes	4.92			16 TAC 25.101 (c)(5)(B)	Utilizing existing easements. Landowners noticed
42944077 (P18222008)	Grand Saline 69-kV Substation Upgrade & Expansion	Grand Saline/Van Zandt	Replacement of two 69-kV breakers. Replacement of four breaker disconnect switches. Replacement of two breaker disconnect switches with new circuit switchers. Remove two bypass switches. All 69-kV cap and pin bus support insulators will be replaced. Install new DICM to replace switch house equipment. Expand substation property.	8/3/2020	5/26/2021		\$ 4,228,148.00				15	69									16 TAC 25.83(a)(3)	Property Purchased
42976121 (P18254001)	NW Texarkana 138-kV Station	Texarkana/Bowe	Add an additional 138-kV line terminal circuit breaker and necessary relaying for the Bann - NW Texarkana 138-kV transmission line so the Bann & North New Boston 138-kV lines can be separated and terminated at different station dead ends	8/31/2020	11/19/2020		\$ 2,121,390.00				60	138									16 TAC 25.83(a)(3)	Within Station Property
42976124 (P18254002)	Bann - NW Texarkana 138-kV T-Line	Texarkana/Bowe	Re-terminate the Bann - NW Texarkana 138-kV transmission line to new station line terminal with (2) new spans	9/14/2020	11/19/2020		\$ 995,987.00				90	138		0.07	1272 ACSR 54/19 Pheasant	Steel Dead-End	100	0.07			16 TAC 25.101 (c)(5)(A)	Utilizing existing easements. Landowners noticed
43000210 (P18254005)	N New Boston - NW Texarkana 138-kV T-Line	Texarkana/Bowe	Re-terminate the North New Boston - NW Texarkana 138-kV transmission line into an existing station dead end	9/14/2020	10/29/2020		\$ 404,697.00				0	138		0.04	1272 ACSR 54/19 Pheasant	Steel Dead-End	100	0.04			16 TAC 25.101 (c)(5)(A)	Utilizing existing easements. Landowners noticed
42976122 (P18254006)	North New Boston 138-kV Substation	New Boston/Bowe	Upgrade relaying and replace CCVT's at remote end station	9/23/2020	10/29/2020		\$ 576,263.00				60	138									16 TAC 25.83(a)(3)	Within Station Property
42976123 (P18254007)	Bann 138-kV Substation	Bowe	Upgrade relaying at remote end station	10/19/2020	11/19/2020		\$ 348,808.00				0	138									16 TAC 25.83(a)(3)	Within Station Property
42941390 (P18215001)	Lydia 345-kV Station	Bowe	Convert the Lydia 345kV station to a ring bus configuration, eliminating the 3-terminal line by adding breakers. A new station will be built in the clear on newly purchased property, the existing station will be rebid.	9/9/2020	5/11/2022		\$ 15,843,030.00				5	345									16 TAC 25.83(a)(3)	Property Purchased
T10068530 (DP20S0500)	Alba 69-kV Substation Upgrade T-Station	Alba/Wood	Rebuild Alba substation with new station deadend, bus work, SSVT and relaying	10/4/2020	12/15/2020		\$ 658,792.77				0	69									16 TAC 25.83(a)(3)	Within Station Property
T10068526 (DP20S0500)	Alba 69-kV Substation Upgrade T-Line	Alba/Wood	Install one transmission structure to feed the new station rebuild	10/4/2020	12/15/2020		\$ 425,355.00				0	69		0.02	T2 477 KCM ACSR	Steel Dead-End					16 TAC 25.83(a)(3)	Within Station Property

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T10076668 (A19084001)	Bann - NW Texarkana 138-kV T-Line Interstate 30 TxDOT Relocation	Bowe	Relocate one structure along the Bann to NW Texarkana 138-kV transmission line to make room for access roads being built along Interstate Highway 30 (IH 30) as requested by the Texas Department of Transportation (TxDOT)	11/16/2020	12/7/2020			\$ 228 227 00			0	138			1590 ACSR 54/19 Falcon	Concrete Mono Pole	100				16 TAC 25 101 (c)(5)(F)	Landowners Noticed
T10076671 (A19084002)	Bann-New Boston 69-kV T-Line Interstate 30 TxDOT Relocation	Bowe	Relocate two structures along the Bann to New Boston 69-kV transmission line to make room for access roads being built along Interstate Highway 30 (IH 30) as requested by the Texas Department of Transportation (TxDOT)	11/16/2020	1/12/2021			\$ 561,506 00			0	69			1272 ACSR 54/19 Pheasant	Steel Mono Pole	100				16 TAC 25 101 (c)(5)(F)	Landowners Noticed
42904905 (A15706010)	NW Texarkana Tap Switch	Texarkana/Bowe	Replace existing 2-way phase over phase switch with 2000A phase-over-phase MOS with auto-sectionalizing Switch and structure will be built to 138-kV standards but operated at 69-kV	1/4/2021	4/30/2021			\$ 1 349 735 00			0	69									16 TAC 25 83(a)(3)	Within Existing Easement Landowners Noticed
42905248 (A16806068)	NW Texarkana Tap Switch & Redick Tap Switches T-Line Re-termination	Texarkana/Bowe	T-line Re-termination work associated and required for rebuild of NW Texarkana Tap Switch and both Redick Tap Switches	1/4/2021	11/13/2021			\$ 749 638 00			0	69		0 02	1272 ACSR 54/19 Pheasant	Steel Dead-End	Vanes	0 02			16 TAC 25 101 (c)(5)(A)	Landowners Noticed
42904907 (A15706022)	Telecomm fiber transitions from T-Line into stations	Texarkana/Bowe	Install telecomm fiber transitions from T-line into station at Bann Station Richmond Road Station and 39th Street Station	1/4/2021	11/13/2021			\$ 242 392 00			0	69									16 TAC 25 83(a)(3)	Within Station Property

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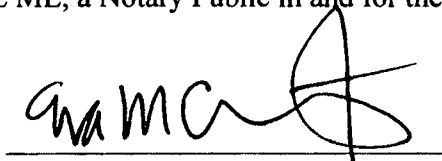
STATE OF TEXAS

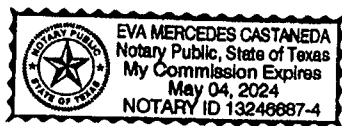
COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing AEP Texas regarding consent to perform the retermination of the La Palma to PUB Loma Alta 138-kV transmission line into the new Stillman 138-kV Station as described in Project No. 42901165 in the PUCT Monthly Construction Progress Report (PUCT Project No. 50421) for October 2020. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that AEP Texas has acquired all of the necessary easements / landowner consent 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 20th day of October 2020.


Notary Public




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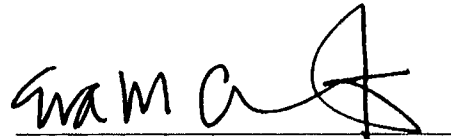
STATE OF TEXAS

COUNTY OF TRAVIS

I, Roy R. Bermea, being duly sworn, file this Affidavit as a Regulatory Consultant, AEP Texas Inc. representing AEP Texas regarding consent to perform the retermination of the Union Carbide to PUB Loma Alta 138-kV transmission line into the new Stillman 138-kV Station as described in Project No. 42902323 in the PUCT Monthly Construction Progress Report (PUCT Project No. 50421) for October 2020. That in such capacity, I am qualified and authorized to file and verify to the best of my knowledge that AEP Texas has acquired all of the necessary easements / landowner consent 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 20th day of October 2020.


Notary Public

