



Control Number: 47927



Item Number: 121

Addendum StartPage: 0

EL PASO ELECTRIC CO
MONTHLY
TRANSMISSION CONSTRUCTION PROGRESS REPORT
MAY 2018

Public Utility Commission of Texas
Project No. **47927**

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	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
TL174	Copper - Lane 115kV Rebuild & Reconductor	El Paso, El Paso	EPE will replace approximately sixty-four 65' wooden monopole structures with 95' steel monopole structures along a 3.5 mile stretch of Interstate 10 between Lane and Copper Substations. In addition, conductor will be upgraded to 954 MCM ACSR. One new pole will be constructed off of the existing route due to encroaching residential development.	09/27/17			3,319,403				99%	115	n/a	5.01	556 kcmil ACSR single conductor, will be replaced with 954 kcmil ACSR	65/70' wood single pole structures will be replaced with 95' 110' galvanized steel monopole structures one corner self-supported structure on new route will be constructed	TxDOT permit	3.57	n/a	n/a	25 101(c)(5)(B) and (E)	Continued with structure replacements and new wire installation. To be completed after summer break and consist on of the re-con of TL240 Sunset North to Juarez.
TL127	Felipe to Alamo, Alamo to Neely, and Neely to Farmer Structure Replacement	Fabens and Tomillo, El Paso County, Sierra Blanca, Hudspeth County, Van Horn, Culberson County	EPE will replace existing wood monopole structures with steel monopole structures in approximate 94 miles of 69kV transmission line. EPE will utilize the existing centerline. Span lengths may be adjusted according to terrain features.	06/30/12			6,502,992	11,047,753			66%	69	n/a	94	4/0 ACSR single conductor	60 & 65' wood monopoles being replaced with 75' galvanized steel monopole structures	varies	94	n/a	n/a	25 101(c)(5)(B)	
TL239	Reconductor Durazno to Ascarate 115kV transmission line	El Paso, El Paso	Reconductor the line to relieve overloading on the line. EPE will replace wood monopole structures with steel monopole structures to accommodate upgrade of wire to 954 ACSR.	11/01/16			1,922,167					115	n/a	3.5	556 ACSR conductor will be replaced with 954 ACSR single conductor	Replace wood monopole structures with 85-105' steel monopoles	varies and street ROW franchise	3.5	10	0.19	25 101(c)(5)(B)(i)	
TL240	Reconductor Sunset North to Durazno 115kV transmission line	El Paso, El Paso	Reconductor the line to relieve overloading on the line. EPE will replace wood monopole structures with steel monopole structures to accommodate upgrade of wire to 954 ACSR.	04-17/16			1,175,300				10%	115	n/a	4.63	556 ACSR conductor will be replaced with 954 ACSR single conductor	Replace wood monopole structures with 85-105' steel monopoles	varies and street ROW franchise	4.63	10	0.049	25 101(c)(5)(B)(i)	Based on the latest load projections the line must be in service by this summer's peak. That the line may experience overloads of up to 15% under certain single contingencies. Transferring the higher loads onto other transmission lines in the area increases the risk of overloading these lines as well, resulting in potentially derating service to customers and a violation of IEEE Reliability Standards for EPE's System Operating Limits. All drill pier foundations completed.
TL247	TxDOT SL375 Interchange Improvements	El Paso, El Paso	Adjust 2-345kV transmission lines. Caliente to Amrad and Caliente to Picante to accommodate the new eastbound and westbound frontage roads to be constructed by TxDOT. EPE will replace several poles on either side of SL375 with taller steel poles for each line.	10-01/16			1,430,235					345	n/a	0.73 each	954 ACSR composite double bundle conductor	Replace wood h-frame structures with 90'-125' steel h-frame or 3-pole structures. Replace composite with cardinal 954 ACSR conductor.	300'	0.73 each	n/a	n/a	25 101(c)(5)(F)	TxDOT now anticipates awarding the project in the fall to be worked in parallel with the TL247 TxDOT US 67/185 project. TxDOT is requesting all utilities to complete their projects prior to the contractor starting construction.
TL247	TxDOT Zaragoza Road Improvement	El Paso, El Paso	Adjust the Diamondhead to Caliente 115kV transmission line to accommodate the expansion of the Zaragoza Road at the Montwood Interchange by TxDOT.	04/12/16			506,493				20%	115kV	n/a	6.04	954 ACSR single bundle	Replace and relocate 1-wood structure and 3-steel self support structures with 1-65' monopole and 3-(100'-105') dead end self support structures.	Highway Right of Way	950 feet	n/a	n/a	25 101(c)(5)(F)(i)	Drill pier foundations complete.
TL233	Nuway Project	El Paso, El Paso	This is a 2-phase project to allow for the construction of a new substation, Nuway, underneath two transmission lines. Phase 1 temporarily reroute the 115kV Montoya to Anthony and permanently reroute the 69kV Rio Grande to Border Street presently on a double circuit steel monopole. Phase 2 complete the installation of the 115kV transmission line Montoya to Anthony which will cut into the new Nuway Substation.	03/25/18	03/31/16		667,000	730,000			100%	115kV and 69kV	n/a	115kV- 8.58 and 69kV- 13.09	Both transmissions 795 ACSR single bundle	Temporarily install 2 95' steel structures to reroute the 115kV line to the east side of the substation. Permanently install an 85' steel double circuit monopole on the north and south side of the substation to continue with the 69kV and 115kV lines. Reroute the 69kV line to the west side of the substation. Once the substation is near completion permanently install 2 85' single circuit monopoles for the 115kV line and tapping into Heavy Substation.	50'-100'	115kV 8.58 and 69kV 13.09	n/a	n/a	25 101(c)(5)(A)(i)	Construction completed March 31, 2016.

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TL247	TxDOT US 62/180 (Montana Ave) Expansion	El Paso, El Paso	Adjust three 115kV transmission lines out of Vista Substation to accommodate the road expansion of US 62/180 by TxDOT. Vista to Caliente, Vista to Global Reach and Vista to Scottsdale	06/01/18			757,233					115kV	n/a	Vista Caliente - 6.64, Vista Global Reach - 2.96, Vista Scottsdale - 5.18	Vista Caliente - 795 ACSR, Vista Global Reach - 795 ACSR, Vista Scottsdale - 556 ACSR all single bundle	Replace and relocate wood structures with steel self support, tangent and h-frame structures 2-105 h-frame, 1-105 monopole, 4 sets of 3-pole dead ends (65'-100')	100' and highway ROW	Vista Caliente - 6.64, Vista Global Reach - 2.96, Vista Scottsdale - 5.18	n/a	n/a	25 101(c)(5)(F)(i)	Pending TxDOT completing environmental document
TL247	TxDOT US 62/180 (Montana Ave) Expansion Accommodate Distribution Vista to Caliente	El Paso, El Paso	Install taller transmission structures on the Vista to Caliente 115kV line along Montana Ave to accommodate the distribution adjustments for the TxDOT highway expansion	05/07/18			595,473					115kV	n/a	6.64	795 ACSR single bundle	Replace existing monopole structures with monopole tangent steel structures heights from 65'-115'	Highway right of way	6.64	n/a	n/a	25 101(c)(5)(F)(i)	Pending TxDOT completing environmental document
TL247	TxDOT US 62/180 (Montana Ave) Expansion Accommodate Distribution Vista to Scottsdale	El Paso, El Paso	Install taller transmission structures on the Vista to Scottsdale 115kV line along Montana Ave to accommodate the distribution adjustments for the TxDOT highway expansion	05/07/18			300,185					115kV	n/a	5.18	556 ACSR	Replace existing monopole structures with monopole tangent steel structures heights vary from 75'-105'	Highway right of way	5.18	n/a	n/a	25 101(c)(5)(F)(i)	Pending TxDOT completing environmental document
TL247	Vista to Caliente 115kV Transmission Line Adjustments	El Paso, El Paso	Due to the TxDOT US 62 (Montana) project, the removal of 2 existing span guy poles north of Montana that support the dead end structure holding the Vista-Caliente (VC) and Vista-Scottsdale (VS) 115 kV transmission lines affect the VC, VS, and Vista-Global Reach(VGR) 115kV line all the way back to Vista Substation. The VC line currently crossing under the VGR line, must be moved to the south side of the substation and repositioned to the east side of the corridor. The VGR will become a double circuit line and repositioned on the east side of the shifted VC line	04/23/18			592,758					115kV	n/a	1.5	795 ACSR single bundle	Install intermediate 95' monopoles	100'	6.64	30	0.06	25 101(c)(5)(F)(i)	