

STATE OF TEXAS §

COUNTY OF HIDALGO §

LPA STANDARD UTILITY AGREEMENT

**SH 364 (La Homa Road) AEP TRANSMISSION TOWER ADJUSTMENT,
REMOVAL, AND/OR REPLACEMENT**

This agreement is made by and between the County Of Hidalgo, Texas hereinafter referred to as "County" and *AEP Texas Central Company*, hereinafter referred to as "Utility", acting by and through its duly authorized representative, shall be effective on the date of approval and execution by and on behalf of the County.

WHEREAS, the State of Texas has deemed it necessary to make certain highway improvements as designated by the State and approved by the Federal Highway Administration located on the highway as indicated above;

WHEREAS; the County is a county in the State of Texas;

WHEREAS, the proposed highway improvements will necessitate the adjustment, removal, and/or relocation of certain facilities of the Utility as indicated in the following statement of work: *Relocation of a Transmission Tower* to accommodate the proposed roadway widening being performed by the Texas Department of Transportation and more specifically shown in the Utility's plans, specifications and estimated costs, which are attached hereto in Attachment "A";

WHEREAS, the County, in receipt of evidence it deems sufficient, acknowledges the Utility's interest in certain lands and/or facilities that entitle it to reimbursement for the adjustment, removal, and relocation of certain facilities located upon lands as indicated in Attachment "A";

NOW, THEREFORE, for and in consideration of the premises and mutual promises, covenants and agreements hereinafter set forth, and intending to be legally bound, the County and the Utility agree as follows:

1. The County will pay the Utility all eligible actual costs which are incurred in the adjustment, removal, and/or relocation of the Utility's facilities.
2. The Utility agrees that all conduct under this agreement, including but not limited to the adjustment, removal, and/or relocation of the facility, the development of reimbursement of costs, any environmental requirements, and retention of records will be in accordance with 23 CFR 645, Subparts A & B and all other applicable federal and state laws, rules and regulations. The Utility agrees to supply, upon request by the County, proof of compliance with the aforementioned laws, rules and regulations prior to commencement of construction.

3. The Utility agrees to develop relocation or adjustment costs by accumulating actual direct and related indirect costs in accordance with a work order accounting procedure prescribed by the County, or may, with the County's written approval, accumulate actual direct and related indirect costs in accordance with an established accounting procedure developed by the Utility. The bill for the work hereunder will be submitted to the County not later than ninety (90) days after completion of the work.
4. Upon execution of this agreement by both parties hereto, the County will, by written notice, authorize the Utility to proceed with the necessary adjustment, removal, and/or relocation. The Utility agrees to proceed in a diligent manner and will take all prudent actions to avoid delay or interference with the highway construction.
5. The Utility will endeavor to perform this work at its earliest window of opportunity.
6. The County will, upon satisfactory completion of the relocation or adjustment, receipt of a proper certification by the Utility that the work has been completed in accordance with the approved plans and specifications, receipt and verification of the bill prepared in an approved form and manner, and pre-approval by TxDOT, make payment to the Utility.
7. This agreement in its entirety consists of the following:
 - a. LPA Standard Utility Agreement;
 - b. Plans of Adjustment (color coded), Specifications, and Estimated Costs (Attachment "A")(2 Originals);
 - c. Statement Covering Contract Work – TxDOT ROW-U-48 (Attachment "B")(2 Originals);
 - d. Schedule (Start & End Dates)
 - e. Proof of Property Interest – TxDOT ROW-U-1A (Attachment "C")(2 Originals and 1 copy of recorded instrument);
 - f. Eligibility Ratio(Attachment "D")(2 Originals),
 - g. Cost Comparison (if Betterment) (Attachment "D")(2 Originals),
 - h. Betterment Statement (Attachment "D")(2 Originals),
 - i. Quit Claim Deed – TxDOT ROW-U-30 (Attachment "E")(2 Originals), if applicable,
 - j. Joint Use Agreement (Attachment "F")(2 Originals), if applicable.

All attachments are included herein as if fully set forth. In the event it is determined that a substantial change from the statement of work contained in this agreement is required, reimbursement therefore shall be limited to costs covered by a modification of this agreement or a written change or extra work order approved by the County.

8. The Utility agrees to provide "as-built" plans to the County within sixty (60) days of the completion of the work.
9. This agreement is subject to immediate cancellation by the County at any time up to the date that work under this Agreement has been authorized and that such cancellation will not create any liability on the part of the County.
10. The Utility by execution of this agreement does not waive any of the rights which the Utility may have within the limits of the law.
11. It is expressly understood that the Utility conducts the adjustment, removal, and/or relocation using its own methods, and that the Utility agrees to indemnify and hold the County harmless for any and all damages and attorney's fees caused by the Utility's actions and/or conduct.
12. The Utility affirms that it has the authority to enter into this agreement, and that it has obtained the approval, if necessary, from any bankruptcy court exercising jurisdiction over the Utility.
13. Notice: Except as maybe otherwise specifically provided in this Agreement, all notices, demands, requests or communication required or permitted hereunder shall be in writing and shall either be (i) personally delivered against a written receipt, or (ii) sent by registered or certified mail, return receipt requested, postage prepaid and addressed to the parties at the addresses set forth below, or at such other addresses as may have been theretofore specified by written notice delivered in accordance herewith:

If to Utility: AEP Texas Central Company
Attention: Brent W. Harris, Associate Project Manager
212 E. 6th ST., 4th Floor
Tulsa, Oklahoma 74119-1295

If to County: Hidalgo County, Texas
Attention: Ramon Garcia, Hidalgo County Judge
P. O. Box 758
Edinburg, Texas 78540-0758

With copy to: Joe Flores, Commissioner, Precinct No. 3
724 N. Breyfogle
Mission, Texas 78574

14. Each notice, demand, request or communication which shall be delivered or mailed in the manner described above shall be deemed sufficiently given for all

purposes at such time as it is personally delivered to the addressee, or, if mailed, at such time as it is deposited in the United States mail.

15. **Additional Documents:** The parties hereto covenant and agree that they will execute such other and further instruments and documents as are or may become necessary or convenient to effectuate and carry out the terms of this agreement.
16. **Texas Law to Apply.** This Agreement shall be construed under and in accordance with the laws of the State of Texas, and all obligation of the parties created hereunder are performable in Hidalgo County, Texas. The parties hereby consent to personal jurisdiction in Hidalgo County, Texas
17. **Successors.** This Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, successors, and assigns where permitted by this Agreement.
18. **Assignment:** This Agreement shall not be assignable.
19. **Headings.** The headings and captions contained in this Agreement are solely for the convenience reference and shall not be deemed to affect the meaning or interpretation of any provision of paragraph hereof.
20. **Gender and Number.** All pronouns used in this Agreement shall include the other gender, whether used in the masculine, feminine or neuter gender, and singular shall include the plural whenever and as often as may be appropriate.
21. **Authority to Execute.** The execution and performance of this Agreement by the Utility and County have been duly authorized by all necessary laws, resolutions or corporate action, and this Agreement constitutes the valid and enforceable obligations of the Utility and County in accordance with its terms.
22. **Governmental Purpose.** Each party hereto is entering into the agreement for the purpose of providing for governmental services or functions and will pay for such services out of current revenues available to the paying party as herein provided.
23. **Commitment or Current Revenues Only.** In the event that during any term hereof, the governing body of any party does not appropriate sufficient funds to meet the obligations of such party under this Agreement, then any party may terminate this Agreement upon ninety (90) days written notice to the other party. Each of the parties hereto agrees, however, to use its best efforts to secure funds necessary for the continued performance of this Agreement. The parties intend this provision to be a continuing right to terminate this Agreement at the

expiration of each budget period of each party hereto pursuant to the provisions of Tex. Loc. Govt. Code Ann. §271.903.

24. The signatories to this agreement warrant that each has the authority to enter into this agreement on behalf of the party represented.

WITNESS THE HANDS OF THE PARTIES effective as of the day and year first written above.

AEP TEXAS CENTRAL COMPANY

By: Thomas Jiff
AEP Authorized Signer

COUNTY OF HIDALGO

By: Ramon Garcia
Ramon Garcia, County Judge

ATTEST:

Auton [Signature]
County Clerk

APPROVED BY
COMMISSIONERS' COURT
ON: 6/2/15

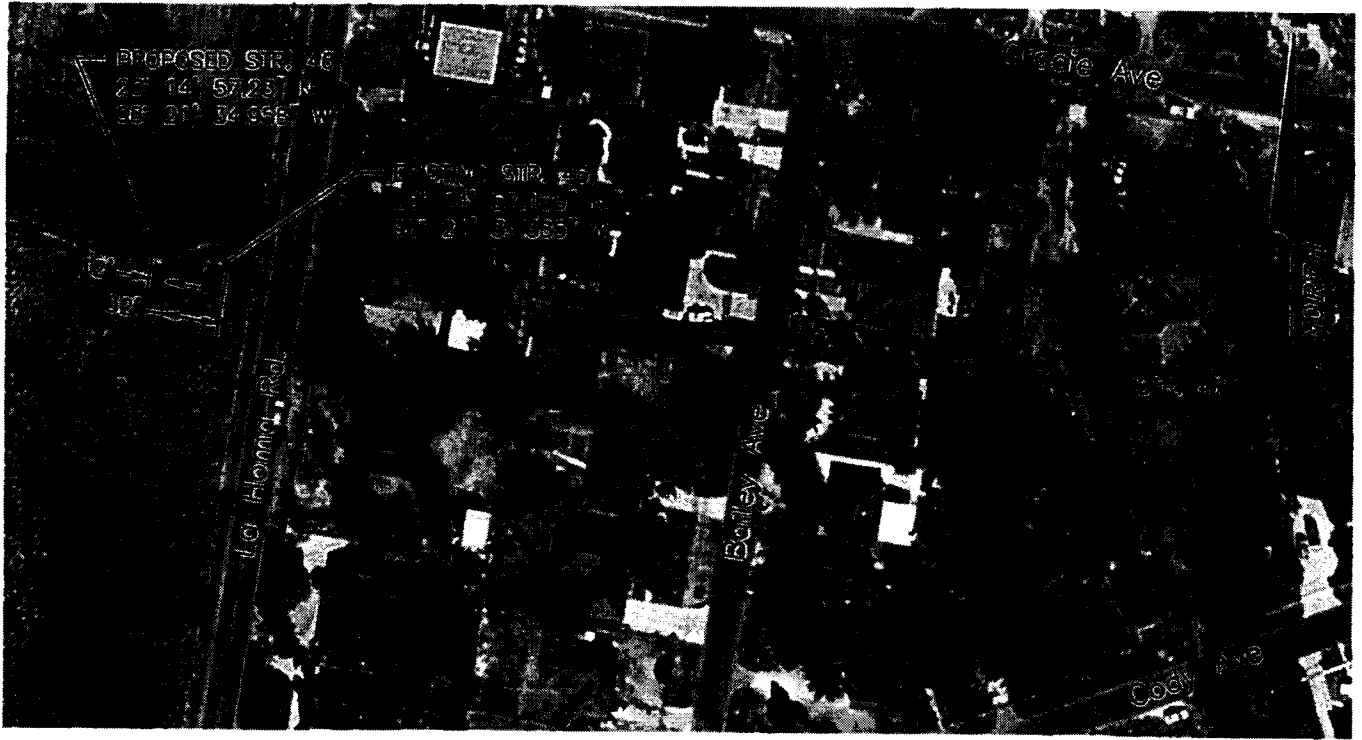
APPROVED AS TO FORM:

ATLAS, HALL & RODRIGUEZ, LLP

By: [Signature]
Stephen L. Crain

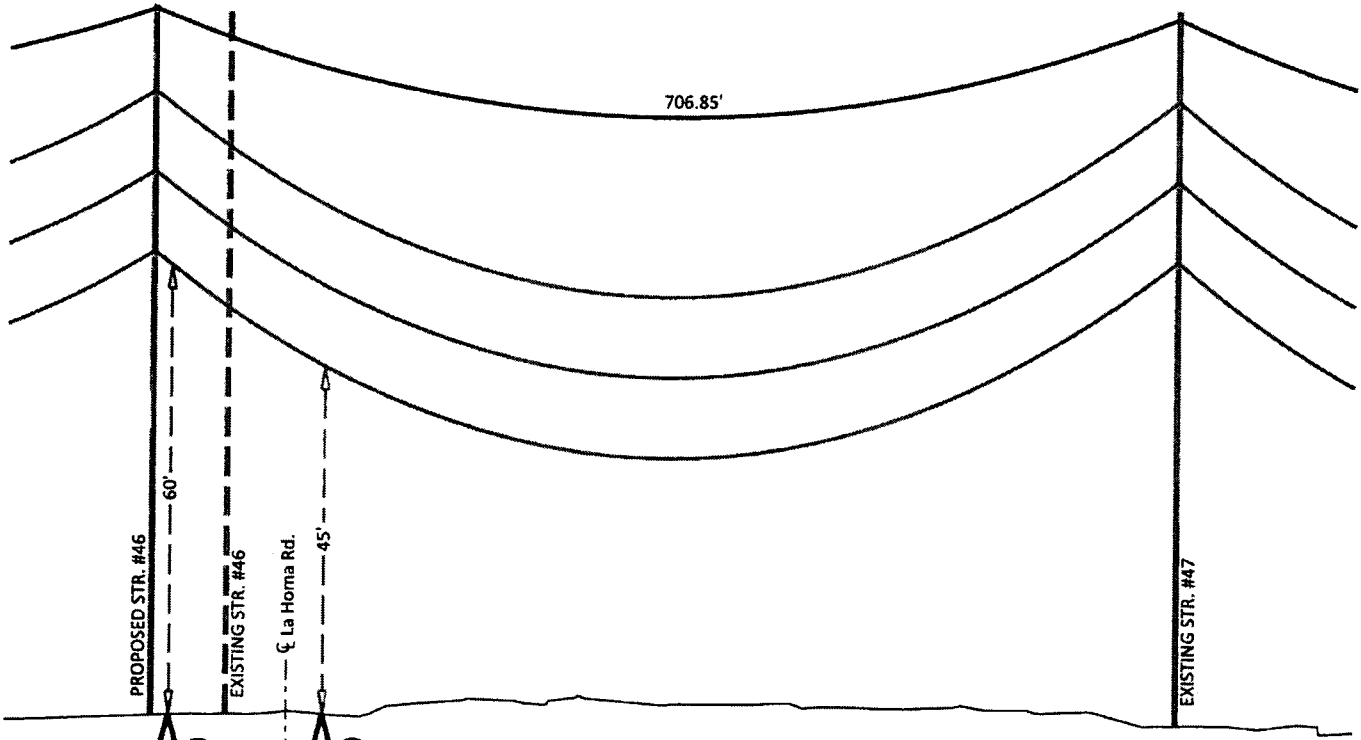
SECTION 7b

**Plans of Adjustment, Specifications, and
Estimated Costs**



- EXISTING STRUCTURE
- NEW STRUCTURE
- - - PROPOSED R.O.W. (TxDOT)
- - - EXISTING R.O.W. (TxDOT)

PLAN VIEW
N.T.S.



PROFILE VIEW
N.T.S.

WO# 42023862



FRONTERA SWITCH - NORTH MCALLEN

SCALE: N.T.S.	ENG. MA	DR. CLB	DATE: 5/6/2013	DWG. NO. La_Homa_Rd	REV
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Attachment "A"
STANDARD AGREEMENT COST ESTIMATE
U-NUMBER: U14210
UTILITY: AEP Texas Central Company
HWY: SH 364 (La Homa Road)
ROWCSJ: 2966-01-012

	Item	Description	Buy America	Unit	Estimated Costs			
					QTY	Unit Price	Amount	
				#	\$	\$		
Engineering	1	Project Manager		Hours	80	\$ 58.77	\$ 4,701.60	
	2	Project Coordinator		Hours	80	\$ 41.31	\$ 3,304.80	
	3	Design Engineer		Hours	160	\$ 41.31	\$ 6,609.60	
	4	Graphics Tech.		Hours	40	\$ 33.83	\$ 1,353.20	
	5	Expense (Travel)		Trip	2	\$ 1,000.00	\$ 2,000.00	
Materials	1	Structure Assembly (plan to reuse existing)	N/A	Each	1	\$ 5,060.00	\$ 5,060.00	
	3	Pole/Tower (anchor bolts & rebar)	Yes	Each	1	\$ 2,035.00	\$ 2,035.00	
	4	Stores Expense		Each	1	\$ 1,206.00	\$ 1,206.00	
Internal Labor	1	Transmission Services Labor		Hours	250	\$ 40.00	\$ 10,000.00	
	2	Inspection (TCR)		Hours	80	\$ 38.21	\$ 3,056.80	
	3	Inspection (TCR) Expenses		Week	2	\$ 1,000.00	\$ 2,000.00	
Contract Labor	1	Mobilization		Project	1	\$ 8,500.00	\$ 8,500.00	
	2	Contract Labor per Structure		Hours	20	\$ 1,000.00	\$ 20,000.00	
	3	AB Foundations		CU. YD.	20	\$ 1,000.00	\$ 20,000.00	
	4	Damages		Project	1	\$ 10,000.00	\$ 10,000.00	
	5	Cleanup		Miles	0.1	\$ 5,000.00	\$ 500.00	
	7	Foundation Design		Hours	14	\$ 200.00	\$ 2,800.00	
	9	Survey: Line		Miles	1	\$ 7,000.00	\$ 7,000.00	
	10	Sales Tax (*see #1 below)		Each	1	\$ 585.00	\$ 585.00	
	ROW Charges	1	Landowner Research		Hours	40	\$ 50.00	\$ 2,000.00
		2	Land Damage and Restoration Consideration		Tract	1	\$ 4,000.00	\$ 4,000.00
3		AEPSC Agent Labor		Hours	19.03	\$ 52.00	\$ 989.56	
4		Legal		Hours	5	\$ 200.00	\$ 1,000.00	
5		Data Entry		Hours	7	\$ 28.57	\$ 199.99	
6		Project Mangement and Supervision		Hours	11	\$ 91.00	\$ 1,001.00	
7		Copies, Abstracts, Recording, Admin, etc.		Project	1	\$ 1,387.00	\$ 1,387.00	
8		Construction Support and Damage Settlement		Hours	100	\$ 55.00	\$ 5,500.00	
Overhead	1	Project Overhead (No AFUDC Included)		LS	1	\$ 43,743.00	\$ 43,743.00	
TOTALS							\$ 170,532.55	

NOTE

*** 1 State of Texas charges sales tax on survey activities

SECTION 7c

Statement Covering Contract Work

- Form ROW-U-48 attached hereto.**

- Work to be done by Utility forces,
Form ROW-U-48 is not applicable.**



STATEMENT COVERING UTILITY CONSTRUCTION CONTRACT WORK
(AS APPEARING IN ESTIMATE)

U-Number: U14210

ROW CSJ Number: 2966-01-012 District: Pharr
County: Hidalgo Highway No.: SH 364 (La Homa Road)
Federal Project No.: _____

I, Thomas Schaffer, a duly authorized and qualified representative of AEP Texas Central Company, hereinafter referred to as Owner, am fully cognizant of the facts and make the following statements in respect to work which will or may be done on a contract basis as appears in the estimate to which this statement is attached.

It is more economical and/or expedient for Owner to contract this adjustment, or Owner is not adequately staffed or equipped to perform the necessary work on this project with its own forces to the extent as indicate on the estimate.

Procedure to be Used in Contracting Work

- A. Solicitation for bids is to be accomplished through open advertising and contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed.
- B. Solicitation for bids is to be accomplished by circulating to a list of pre-qualified contractors or known qualified contractors and such contract is to be awarded to the lowest qualified bidder who submits a proposal in conformity with the requirements and specifications for the work to be performed. Such presently known contractors are listed below:
 - 1.
 - 2.
 - 3.
 - 4.
 - 5.
- C. The work is to be performed under an existing continuing contract under which certain work is regularly performed for Owner and under which the lowest available costs are developed. (If only part of the contract work is to be done under an existing contract, give detailed information by attachment hereto.)
- D. The utility proposes to contract outside the foregoing requirements and therefore evidence in support of its proposal is attached to the estimate in order to obtain the concurrence of the State, and the Federal Highway Administration Division Engineer where applicable, prior to taking action thereon (approval of the agreement shall be considered as approval of such proposal).
- E. The utility plans and specifications, with the consent of the State, will be included in the construction contract awarded by the State.

Thomas Schaffer
Signature

2/17/14
Date

Thomas Schaffer
Manager, Transmission Right of Way
Title American Electric Power Service Corporation
Authorized Signer

SECTION 7d

Schedule

Estimated Date to begin: 5/4/15

Estimated Date of completion: 6/5/15

Estimated number of days: 32

SECTION 7e

Property Interest – TxDOT ROW-U-1A



AFFIDAVIT
 (for Utility Owner)

U-No.

THE STATE OF TEXAS

§
 §
 §

District:
 County:
 Federal Project No.:
 ROW CSJ No.:
 Highway No.:
 (To be filled in by State)

COUNTY OF

BEFORE ME, THE UNDERSIGNED AUTHORITY, on this day personally appeared _____ of the _____, ("Utility") who after being by me duly sworn upon his/her oath deposes and says as follows:

"I, _____ am over the age of 18 years and am fully competent to testify to the matters set forth in this Affidavit. I have personal knowledge of all facts and swear that such facts are true and correct.

1. _____ ;
 [legal description of land]
2. _____ ;
 [facts indicating affiant's familiarity with subject land, including inspection and surveys]
3. _____ ;
 [facts attesting to ownership, including claims through deeds, etc.]
4. _____ ;
 [facts showing use of property]
5. _____ ;
 [facts showing nature and state of repair of enclosures or fencing]
6. _____ ;
 [facts showing continuous possession for statutory period].

Further affiant sayeth not."

N/A

 Signature

Title

Company

N/A

Corporate Acknowledgment

State of Texas
County of

This instrument was acknowledged before me on

by

of

, a

corporation, on behalf of said corporation.

Notary Public's Signature

PROOF OF PROPERTY INTEREST

The utility's compensable interest must be clearly documented and supported by verifiable evidence, such as a recorded deed, easement, and lease or license agreement with railroad. TxDOT reviews property rights claimed by the utility to determine if a compensation consideration or a property right exists before making an agreement to adjust the utility's facilities. For compensable interests not covered on this sheet, please contact your TxDOT utility liaison.

- Deed, Easement, Lease, or License agreement with railroad attached hereto is clearly documented with current utility name to support utility's compensable interest claim.
- If a utility has documented support of a compensable interest in a different utility's name, the utility must supply a "Chain of Title" that clearly supports its claim of property interest for compensable consideration.
- In situations where evidence of property interest is inadequate to support a compensable interest, then the utility must get the following Affidavits of Property Ownership properly executed and notarized.

ROW-U-1A – (For Utility Owner)

ROW-U-1B – (For Disinterested Party)

ROW-U-1C – (For Property Owner)

- On interstate highways, Texas Transportation Code section 203.092 provides that reimbursement for utility facility relocation is dependent upon whether the relocation costs are eligible for Federal participation. On eligible projects, proof of property interest is required only when replacement right of way is involved.

CB 2/17/14
Initial Date

Corporations Section
P.O. Box 13697
Austin, Texas 78711-3697

Gwyn Shea
Secretary of State



Office of the Secretary of State

CERTIFICATE OF AMENDMENT
OF

AEP Texas Central Company
8501100

[formerly: CENTRAL POWER AND LIGHT COMPANY]

The undersigned, as Secretary of State of Texas, hereby certifies that the attached Articles of amendment for the above named entity have been received in this office and have been found to conform to law.

ACCORDINGLY the undersigned, as Secretary of State, and by virtue of the authority vested in the Secretary by law hereby issues this Certificate of Amendment.

Dated: 12/23/2002
Effective: 12/23/2002



A handwritten signature in cursive script that reads "Gwyn Shea".

Gwyn Shea
Secretary of State

Come visit us on the internet at <http://www.sos.state.tx.us/>

PHONE(512) 463-5555
Prepared by: Lisa Sartin

FAX(512) 463-5709

TTY7-1-1

FILED
In the Office of the
Secretary of State of Texas

DEC 25 2002

ARTICLES OF AMENDMENT
TO THE
RESTATED ARTICLES OF INCORPORATION
OF
CENTRAL POWER AND LIGHT COMPANY
Corporations Section.

Pursuant to the provisions of the Texas Business Corporation Act, the undersigned corporation hereby amends its Articles of Incorporation, and for that purpose, submits the following statement:

The name of the corporation is: Central Power and Light Company

2. Article I of the Restated Articles of Incorporation is hereby amended so as to read as follows: The name of the Corporation shall be AEP Texas Central Company.

3 The date of adoption of each amendment is December 1 2002.

4. The number of shares of the corporation outstanding at the time of adoption of the amendment was 2,217,629, and the number of shares entitled to vote thereon was 2,211,678.

5. The designation and number of outstanding shares of each class or series entitled to vote thereon as a class were as follows

Class or Series	Number of Outstanding Shares and Entitled to Vote
Common Stock	2,211,678

6. The Number of shares of the corporation voted for the amendment was 2,211,678

The number of shares of each class or series entitled to vote as a class or series voted for or against such amendment was as follows:

Class or Series	Number of Shares Voted For	Number of Shares Voted Against
Common Stock	2,211,678	0

7. The foregoing amendment will not effect a change in the amount of stated capital of the corporation.

Date December 18, 2002

By

T. V. Shockley, III
Thomas V. Shockley, III,
Vice President

W. A. TILK 285

GRASS-3000

EASEMENT AND RIGHT OF WAY

11.50
of

THE STATE OF TEXAS

County of HIDALGO

KNOW ALL MEN BY THESE PRESENTS:

I, the (we) CHARLES E. WRIGHT

of the County of _____ and State of Texas, for, and in consideration of the sum of THREE HUNDRED AND NO/100 (\$300.00)

Dollars, to me (us) in hand paid by CENTRAL POWER AND LIGHT COMPANY, the receipt of which is hereby acknowledged and confessed, have this day GRANTED, SOLD and CONVEYED, and by these presents do GRANT, SELL and CONVEY unto the said CENTRAL POWER AND LIGHT COMPANY, a Texas corporation, its successors and assigns, an easement and right of way for an electric transmission line consisting of poles made of wood, metal or other materials, variable numbers of wires, air wires, telephone and telegraph wires, cross arms, pins, insulators, brackets, props, guys, anchorages, and all necessary and desirable attachments and appurtenances, at or near the location and along the general course now located by said CENTRAL POWER AND LIGHT COMPANY, over, across and upon

the following described land now owned by me (us), located in the County of Hidalgo and State of Texas, to-wit:

Being Lot 87, New Caledonia Subdivision, Unit No. 1, situated in Hidalgo County, Texas, according to the map of said subdivision recorded in Volume 6, at page 19, Map Records of Hidalgo County, Texas; and being the same tract of land conveyed by the American Land Company of Texas to Charles E. Wright, by deed dated February 5, 1930, recorded in Volume 33b, at page 80, Deed Records of Hidalgo County, Texas,

The Construction Centerline of the Electric Transmission Line is Described as Follows:

Entering at a point on the West line of the above described property, said point bears South 08° 50' West 50.0 feet from the Northwest corner of the above described property, same being the Southwest corner of Lot 85 of the New Caledonia Unit No. 1. Thence South 81° 10' East parallel with and 50.0 feet from the North property line of the above described property, same being the common boundary line between Lot 85 and Lot 86 of the New Caledonia Unit No. 1, at 1382.4 feet the West boundary line of La Roma Road, in all 1407.4 feet to a point in the centerline of La Roma Road, same being the East line of the above described property, said point bears South 08° 50' West 50.0 feet from the Northeast corner of the above described property, said Northwest corner being the common corner of Lots 85 and Lot 86 of the New Caledonia Unit No. 1.

In addition to the consideration hereinabove provided, Grantee shall pay Grantor, his heirs or assigns, for all damage to Grantor's crops, citrus trees, furrows, fences and personal property done in connection with constructing, inspecting and repairing said electric line on said land.

The above described property is not a homestead or any part thereof.

0 guys shall be erected along the course of said line upon the above described land unless and when CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, shall pay me (us), my (our), heirs or legal

representatives, at the rate of Fifty and No/100 (\$50.00) Dollars for each pole or guy erected in excess of said number; and upon such payment the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, shall have the right, and the right is hereby granted, to erect poles or guys along said course in excess of said number.

And I (we) do hereby bind myself (ourselves), my (our), heirs and legal representatives, to WARRANT and FOREVER DEFEND all and singular the above described rights, easement and rights of way unto the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns against every person whomsoever lawfully claiming, or to claim the same, or any part thereof.

IN TESTIMONY WHEREOF, witness my (our) hand(s) on this 1st day of February

A. D. 19 58

Charles E. Wright

285

CP 285.0000

EASEMENT AND RIGHT OF WAY

1.50
24.

THE STATE OF TEXAS

County of HIDALGO

KNOW ALL MEN BY THESE PRESENTS:

THAT I (we) CHARLES E. WRIGHT

of the County of _____, and State of Texas, for and in consideration of the sum of THREE HUNDRED AND NO/100 ----- \$300.00

Dollars, to me (us) in hand paid by CENTRAL POWER AND LIGHT COMPANY, the receipt of which is hereby acknowledged and confessed, have this day GRANTED, SOLD and CONVEYED, and by these presents do GRANT, SELL and CONVEY unto the said CENTRAL POWER AND LIGHT COMPANY, a Texas corporation, its successors and assigns, an easement and right of way for an electric transmission line, consisting of poles made of wood, metal or other materials, variable numbers of wires, steel wires, telephone and telegraph wires, cross arms, pins, brackets, braces, props, guys, anchorages, and all necessary and desirable attachments and appurtenances, at or near the location and along the general course now located by said CENTRAL POWER AND LIGHT COMPANY, over, across and upon

the following described lands now owned by me (us), located in the County of Hidalgo and State of Texas, to-wit:

Being Lot 87, New Caledonia Subdivision, Unit No. 1, situated in Hidalgo County, Texas, according to the map of said subdivision recorded in Volume 6, at page 19, Map Records of Hidalgo County, Texas; and being the same tract of land conveyed by the American Land Company of Texas to Charles E. Wright, by deed dated February 5, 1930, recorded in Volume 334, at page 80, Deed Records of Hidalgo County, Texas,

The Construction Centerline of the Electric Transmission Line is Described as Follows:

Entering at a point on the West line of the above described property, said point bears South 08° 50' West 50.0 feet from the Northwest corner of the above described

together with the right of ingress and egress over my (our) adjacent lands to and from said right of way for the purpose of constructing, reconstructing, inspecting, patrolling, hanging new wire on, maintaining and renewing said line, poles, wires and appurtenances; the right to relocate along the same general direction of said line; and, the right to remove from said lands all trees and parts thereof, or other obstructions which endanger or may interfere with the safety and efficiency of said line, or its appurtenances

TO HAVE AND TO HOLD the above described rights, easement and rights of way unto the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, until said line shall be abandoned and removed.

Not more than SIX (6) poles and NO

(0) guys shall be erected along the course of said line upon the above described land unless the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, shall pay me (us), my (our), heirs or legal

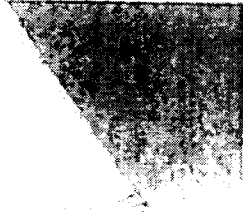
representatives, at the rate of Fifty And No/100 ----- \$50.00 Dollars for each pole or guy erected in excess of said number, and upon such payment the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, shall have the right, and the right is hereby granted, to erect poles or guys along said course in excess of said number.

And I (we) do hereby bind myself (ourselves), my (our), heirs and legal representatives, to WARRANT and FOREVER DEFEND all and singular the above described rights, easement and rights of way unto the said CENTRAL POWER AND LIGHT COMPANY, its successors and assigns, against every person whomsoever lawfully claiming, or to claim the same, or any part thereof.

IN TESTIMONY WHEREOF, witness my (our) hand(s) on this the 13 day of February

A. D. 19 38

Charles E. Wright



THE STATE OF TEXAS

BEFORE ME, the undersigned authority on this day personally appeared _____ known to me to be the person whose name is subscribed to the foregoing instrument, and being then advised by me of the contents and effect thereof, and after the said party and myself signed the said _____ acknowledged with me and before me that she declared that she had signed the same for the purposes and consideration therein expressed, and that she did so voluntarily and without duress.

GIVEN UNDER MY HAND AND SEAL OF OFFICE this _____ day of _____ 19____
Notary Public in and for _____ County, Texas.

Easement and Right of Way

1854

From
to

CENTRAL POWER AND LIGHT COMPANY
1207 1/2
Comanche
THE STATE OF TEXAS

County of _____

Know all men by these presents that _____

of the County of _____ and State of _____

do hereby certify that _____

has been approved by the _____

Board of _____

and that the same is hereby _____

certified to be correct and true.

Notary Public in and for _____ County, Texas.

25th Feb
26th Feb
910 67-8
Filed

26th February 1908
J Jordan

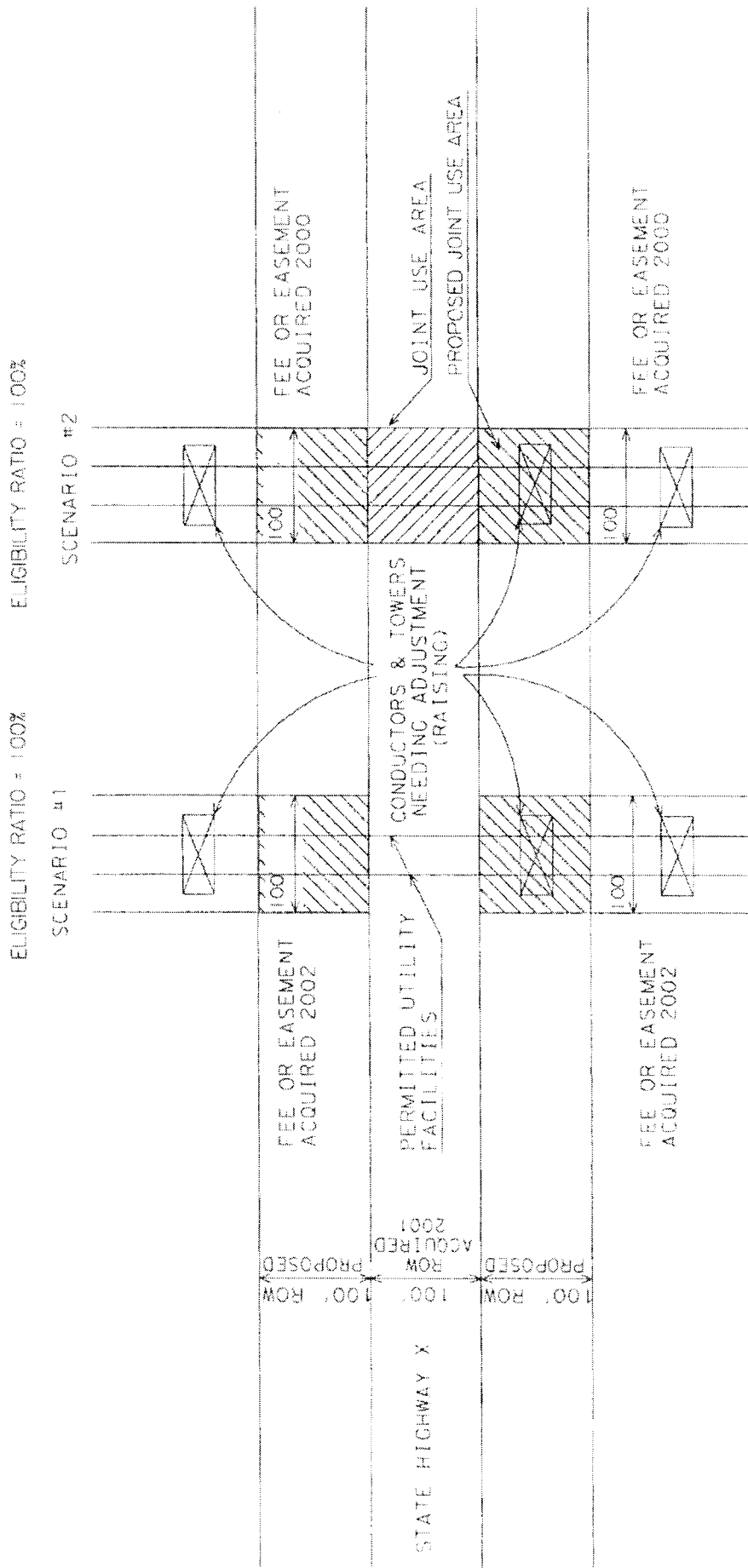
SECTION 7f

Eligibility Ratio

Eligibility Calculation and Ratio: This project has an Eligibility Ratio of 100%.

F

EXISTING FACILITY IN PROPOSED ROW



SECTION 7g

Cost Comparison

“Not applicable as this project is not a betterment”

SECTION 7h

Betterment Calculation and Estimates

- No Betterment**
- Betterment – Estimated Cost for Betterment attached hereto.**
- Force Betterment**

The following are reimbursable items and must be documented by the Utility:

- **non-stock items that are uneconomical to purchase;**
- **Items to comply with governmental laws and ordinances;**
- **appropriate regulatory commission codes;**
- **published, current design practices regularly followed by the utility in its own work;**
- **Installation of replacement of equivalent, although not identical;**
- **betterments for which there are direct benefits to, and/or are required for, the transportation project.**

SECTION 7i

Quit Claim Deed



Not applicable

N/A

Acknowledgement

State of Texas
County of

This instrument was acknowledged before me on _____

by _____

Notary Public's Signature

Corporate Acknowledgment

State of Texas
County of

This instrument was acknowledged before me on _____ by

of _____, a _____

corporation, on behalf of said corporation.

Notary Public's Signature

SECTION 7j

Utility Joint Use Acknowledgment

Utility Joint Use Acknowledgement attached hereto.

Form 1082



UTILITY JOINT USE ACKNOWLEDGEMENT
REIMBURSABLE UTILITY ADJUSTMENT

Form ROW-U/JJAA
Rev 06/12
Page 1 of 2

U-Number: U14210

ROW CSJ: 2988-01-012 County Hidalgo
District: Pharr Highway: SH 384 (La Homa Road)
Federal Project No.: _____ From: SH 495 (Mile 1)
Projected Highway Letting Date: _____ To: FM 1924 (Mile 3)

WHEREAS, the State of Texas, ("State"), acting by and through the Texas Department of Transportation ("TxDOT"), proposes to make certain highway improvements on that section of the above-indicated highway; and

WHEREAS, the AEP Texas Central Company, ("Utility"), proposes to adjust or relocate certain of its facilities, if applicable, and retain title to any property rights it may have on, along or across, and within or over such limits of the highway right of way as indicated by the location map attached hereto.

NOW, THEREFORE, in consideration of the covenants and acknowledgements herein contained, the parties mutually agree as follows.

It is agreed that joint usage for both highway and utility purposes will be made of the area within the highway right of way limits as such area is defined and to the extent indicated on the aforementioned plans or sketches. Nothing in this Acknowledgement shall serve to modify or extinguish any compensable property interest vested in the Utility within the above described area. If the facilities shown in the aforementioned plans need to be altered or modified or new facilities constructed to either accommodate the proposed highway improvements or as part of Utility's future proposed changes to its own facilities, Utility agrees to notify TxDOT at least 30 days prior thereto, and to furnish necessary plans showing location and type of construction, unless an emergency situation occurs and immediate action is required. If an emergency situation occurs and immediate action is required, Utility agrees to notify TxDOT promptly. If such alteration, modification or new construction is in conflict with the current highway or planned future highway improvements, or could endanger the traveling public using said highway, TxDOT shall have the right, after receipt of such notice, to prescribe such regulations as necessary for the protection of the highway facility and the traveling public using said highway. Such regulations shall not extend, however, to requiring the placement of intended overhead lines underground or the routing of any lines outside of the area of joint usage above described.

If Utility's facilities are located along a controlled access highway, Utility agrees that ingress and egress for servicing its facilities will be limited to frontage roads where provided, nearby or adjacent public roads and streets, or trails along or near the highway right of way lines which only connect to an intersecting road. Entry may be made to the outer portion of the highway right of way from any one or all access points. Where supports, manholes or other appurtenances of the Utility's facilities are located in medians or interchange areas, access from the through-traffic roadways or ramps will be allowed by permit issued by the State to the Utility setting forth the conditions for policing and other controls to protect highway users. In an emergency situation, if the means of access or service operations as herein provided will not permit emergency repairs as required for the safety and welfare of the public, the Utility shall have a temporary right of access to and from the through-traffic roadways and ramps as necessary to accomplish the required repairs, provided TxDOT is notified immediately when such repairs are initiated and adequate provision is made by Utility for the convenience and safety of highway traffic. Except as expressly provided herein, the Utility's rights of access to the through-traffic roadways and/or ramps shall be subject to the same rules and regulations as apply to the general public.

Initial _____ Date _____
TxDOT
Initial JB Date 2/12/14
Utility

UJAA

If Utility's facilities are located along a non-controlled access highway, the Utility's rights of ingress and egress to the through-traffic roadways and/or ramps are subject to the same rules and regulations as apply to the general public.

Participation in actual costs incurred by the Utility for any future adjustment, removal or relocation of utility facilities required by highway construction shall be in accordance with applicable laws of the State of Texas.

Utility will, by written notice, advise TxDOT of the beginning and completion dates of the adjustment, removal, or relocation, and, thereafter, agrees to perform such work diligently, and to conclude said adjustment, removal, or relocation by the stated completion date. The completion date shall be extended for delays caused by events outside Utility's control, including an event of Force Majeure, which shall include a strike, war or act of war (whether an actual declaration of war is made or not), insurrection, riot, act of public enemy, accident, fire, flood or other act of God, sabotage, or other events, interference by the State or any other party with Utility's ability to proceed with the relocation, or any other event in which Utility has exercised all due care in the prevention thereof so that the causes or other events are beyond the control and without the fault or negligence of Utility.

It is expressly understood that Utility conducts the new installation, adjustment, removal, and/or relocation at its own risk, and that TxDOT makes no warranties or representations regarding the existence or location of utilities currently within its right of way.

The Utility and the State, by execution of this Acknowledgement, do not waive or relinquish any right that they may have under the law.

The signatories to this Acknowledgement warrant that each has the authority to enter into this Acknowledgement on behalf of the party represented.

IN WITNESS WHEREOF, the parties hereto have affixed their signatures.

UTILITY

EXECUTION RECOMMENDED:

Utility: AEP Texas Central Company

District Engineer, District

Name of Utility

By: Thomas Schaffer
Authorized Signature

Thomas Schaffer
Print or Type Name

Title: Manager, Transmission Right of Way

Date: 2/17/14

THE STATE OF TEXAS
Executed and approved for the Texas Transportation Commission for the purpose and effect of activating and/or carrying out the orders, established policies or work programs heretofore approved and authorized by the Texas Transportation Commission.
By: _____
Director, Right of Way Division
Date: _____

Initial Date Initial Date
TxDOT Utility
2/17/14

Oklahoma & Southwestern Powers Service Area (SWEPCO)

Texas North Company (AEP Texas)

Texas Central Company (AEP Texas)

Form 1 - Transmission Line Units

Item No.	Description	Unit	Unit Price	Unit Price	Unit Price
0000	MOBILIZATION, HAULING, AND LOADING				
0001	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0002	INTENTIONALLY DELETED	N/A	N/A	\$0.00	\$3.61
0003	HAULING, LOADING/UNLOADING MATERIAL, PICK UP TRUCK	MILE	\$10.43	\$0.00	\$19.36
0004	HAULING, LOADING/UNLOADING MATERIAL, SINGLE AXLE FLATBED OR DUMP TRUCK	MILE	\$21.01	\$0.00	\$54.20
0005	HAULING, LOADING/UNLOADING MATERIAL, SEVEN AXLE FLATBED, TWO AXLE DUMP TRUCK OR TRACTOR TRAILER TRUCK	MILE	\$58.93	\$0.00	\$74.79
0006	HAULING GREATER THAN 10 MILES	PER 10 MILE INCREMENT	\$78.99	\$0.00	\$363.25
0009	POLE SECTION LOADING/UNLOADING	EA	\$394.37	\$0.00	\$1,062.72
0100	POLES				
0101	WOOD SINGLE POLE STRUCTURE REMOVAL	EA	\$1,153.32	\$0.00	\$2,402.05
0102	WOOD H-FRAME STRUCTURE REMOVAL	EA	\$2,806.83	\$0.00	\$2,547.62
0103	WOOD THREE (3) POLE STRUCTURE REMOVAL	EA	\$2,764.82	\$0.00	\$5,240.83
0104	TOWER REMOVAL - 0 TO 10,000 LBS	EA	\$3,487.62	\$0.00	\$12,310.91
0105	TOWER REMOVAL - 10,001 TO 20,000 LBS	EA	\$13,303.08	\$0.00	\$18,634.05
0106	TOWER REMOVAL - 20,001 TO 30,000 LBS	EA	\$20,222.64	\$0.00	\$24,457.19
0107	TOWER REMOVAL - 30,001 TO 40,000 LBS	EA	\$26,542.24	\$0.00	\$4,267.36
0108	TOWER REMOVAL - 40,001 TO 50,000 LBS	EA	\$4,739.69	\$0.00	\$1,152.72
0109	TOWER REMOVAL - 50,001 TO 60,000 LBS	EA	\$1,216.30	\$0.00	\$1,808.32
0110	WOOD STUB POLE INSTALLATION 30 FT AND SMALLER	EA	\$1,957.25	\$0.00	\$2,028.69
0111	WOOD POLE INSTALLATION 40 FT AND SMALLER	EA	\$2,134.24	\$0.00	\$2,045.06
0112	WOOD POLE INSTALLATION 45 FT	EA	\$2,431.77	\$0.00	\$2,390.64
0113	WOOD POLE INSTALLATION 50 FT	EA	\$2,589.21	\$0.00	\$2,827.37
0114	WOOD POLE INSTALLATION 55 FT	EA	\$3,063.18	\$0.00	\$2,972.95
0115	WOOD POLE INSTALLATION 60 FT	EA	\$3,221.17	\$0.00	\$3,118.53
0116	WOOD POLE INSTALLATION 65 FT	EA	\$3,379.16	\$0.00	\$3,264.11
0117	WOOD POLE INSTALLATION 70 FT	EA	\$3,537.15	\$0.00	\$3,409.69
0118	WOOD POLE INSTALLATION 75 FT	EA	\$3,695.14	\$0.00	\$3,555.27
0119	WOOD POLE INSTALLATION 80 FT	EA	\$3,853.13	\$0.00	\$3,700.84
0120	WOOD POLE INSTALLATION 85 FT	EA	\$4,011.12	\$0.00	\$3,846.42
0121	WOOD POLE INSTALLATION 90 FT	EA	\$4,169.11	\$0.00	\$2,181.37
0122	WOOD POLE INSTALLATION 95 FT	EA	\$256.98	\$0.00	\$1,827.37
0123	WOOD POLE INSTALLATION 100 FT	EA	\$3,053.10	\$0.00	\$1,972.95
0124	WOOD POLE INSTALLATION 105 FT	EA	\$3,211.09	\$0.00	\$1,118.53
0125	WOOD POLE INSTALLATION 110 FT	EA	\$3,369.08	\$0.00	\$3,264.11
0126	WOOD POLE INSTALLATION 115 FT	EA	\$3,527.07	\$0.00	\$3,409.69
0127	WOOD POLE INSTALLATION 120 FT	EA	\$3,685.06	\$0.00	\$3,555.27
0128	WOOD POLE INSTALLATION 125 FT	EA	\$3,843.05	\$0.00	\$3,700.84
0129	WOOD POLE INSTALLATION 130 FT	EA	\$4,001.04	\$0.00	\$3,846.42
0130	WOOD POLE INSTALLATION 135 FT	EA	\$4,159.03	\$0.00	\$2,181.37
0131	WOOD POLE INSTALLATION 140 FT	EA	\$4,317.02	\$0.00	\$1,827.37
0132	WOOD POLE INSTALLATION 145 FT	EA	\$4,475.01	\$0.00	\$1,118.53
0133	WOOD POLE INSTALLATION 150 FT	EA	\$4,633.00	\$0.00	\$3,264.11
0134	WOOD POLE INSTALLATION 155 FT	EA	\$4,791.00	\$0.00	\$3,409.69
0135	WOOD POLE INSTALLATION 160 FT	EA	\$4,949.00	\$0.00	\$3,555.27
0136	WOOD POLE INSTALLATION 165 FT	EA	\$5,107.00	\$0.00	\$3,700.84
0137	WOOD POLE INSTALLATION 170 FT	EA	\$5,265.00	\$0.00	\$3,846.42
0138	WOOD POLE INSTALLATION 175 FT	EA	\$5,423.00	\$0.00	\$3,992.00
0139	WOOD POLE INSTALLATION 180 FT	EA	\$5,581.00	\$0.00	\$4,137.58
0140	WOOD POLE INSTALLATION 185 FT	EA	\$5,739.00	\$0.00	\$4,283.16
0141	WOOD POLE INSTALLATION 190 FT	EA	\$5,897.00	\$0.00	\$4,428.74
0142	WOOD POLE INSTALLATION 195 FT	EA	\$6,055.00	\$0.00	\$4,574.32
0143	WOOD POLE INSTALLATION 200 FT	EA	\$6,213.00	\$0.00	\$4,719.90
0144	WOOD POLE INSTALLATION 205 FT	EA	\$6,371.00	\$0.00	\$4,865.48
0145	WOOD POLE INSTALLATION 210 FT	EA	\$6,529.00	\$0.00	\$5,011.06
0146	WOOD POLE INSTALLATION 215 FT	EA	\$6,687.00	\$0.00	\$5,156.64
0147	WOOD POLE INSTALLATION 220 FT	EA	\$6,845.00	\$0.00	\$5,302.22
0148	WOOD POLE INSTALLATION 225 FT	EA	\$7,003.00	\$0.00	\$5,447.80
0149	WOOD POLE INSTALLATION 230 FT	EA	\$7,161.00	\$0.00	\$5,593.38
0150	WOOD POLE INSTALLATION 235 FT	EA	\$7,319.00	\$0.00	\$5,738.96
0151	WOOD POLE INSTALLATION 240 FT	EA	\$7,477.00	\$0.00	\$5,884.54
0152	WOOD POLE INSTALLATION 245 FT	EA	\$7,635.00	\$0.00	\$6,030.12
0153	WOOD POLE INSTALLATION 250 FT	EA	\$7,793.00	\$0.00	\$6,175.70
0154	WOOD POLE INSTALLATION 255 FT	EA	\$7,951.00	\$0.00	\$6,321.28
0155	WOOD POLE INSTALLATION 260 FT	EA	\$8,109.00	\$0.00	\$6,466.86
0156	WOOD POLE INSTALLATION 265 FT	EA	\$8,267.00	\$0.00	\$6,612.44
0157	WOOD POLE INSTALLATION 270 FT	EA	\$8,425.00	\$0.00	\$6,758.02
0158	WOOD POLE INSTALLATION 275 FT	EA	\$8,583.00	\$0.00	\$6,903.60
0159	WOOD POLE INSTALLATION 280 FT	EA	\$8,741.00	\$0.00	\$7,049.18
0160	WOOD POLE INSTALLATION 285 FT	EA	\$8,899.00	\$0.00	\$7,194.76
0161	WOOD POLE INSTALLATION 290 FT	EA	\$9,057.00	\$0.00	\$7,340.34
0162	WOOD POLE INSTALLATION 295 FT	EA	\$9,215.00	\$0.00	\$7,485.92
0163	WOOD POLE INSTALLATION 300 FT	EA	\$9,373.00	\$0.00	\$7,631.50
0164	WOOD POLE INSTALLATION 305 FT	EA	\$9,531.00	\$0.00	\$7,777.08
0165	WOOD POLE INSTALLATION 310 FT	EA	\$9,689.00	\$0.00	\$7,922.66
0166	WOOD POLE INSTALLATION 315 FT	EA	\$9,847.00	\$0.00	\$8,068.24
0167	WOOD POLE INSTALLATION 320 FT	EA	\$10,005.00	\$0.00	\$8,213.82
0168	WOOD POLE INSTALLATION 325 FT	EA	\$10,163.00	\$0.00	\$8,359.40
0169	WOOD POLE INSTALLATION 330 FT	EA	\$10,321.00	\$0.00	\$8,504.98
0170	WOOD POLE INSTALLATION 335 FT	EA	\$10,479.00	\$0.00	\$8,650.56
0171	WOOD POLE INSTALLATION 340 FT	EA	\$10,637.00	\$0.00	\$8,796.14
0172	WOOD POLE INSTALLATION 345 FT	EA	\$10,795.00	\$0.00	\$8,941.72
0173	WOOD POLE INSTALLATION 350 FT	EA	\$10,953.00	\$0.00	\$9,087.30
0174	WOOD POLE INSTALLATION 355 FT	EA	\$11,111.00	\$0.00	\$9,232.88
0175	WOOD POLE INSTALLATION 360 FT	EA	\$11,269.00	\$0.00	\$9,378.46
0176	WOOD POLE INSTALLATION 365 FT	EA	\$11,427.00	\$0.00	\$9,524.04
0177	WOOD POLE INSTALLATION 370 FT	EA	\$11,585.00	\$0.00	\$9,669.62
0178	WOOD POLE INSTALLATION 375 FT	EA	\$11,743.00	\$0.00	\$9,815.20
0179	WOOD POLE INSTALLATION 380 FT	EA	\$11,901.00	\$0.00	\$9,960.78
0180	WOOD POLE INSTALLATION 385 FT	EA	\$12,059.00	\$0.00	\$10,106.36
0181	WOOD POLE INSTALLATION 390 FT	EA	\$12,217.00	\$0.00	\$10,251.94
0182	WOOD POLE INSTALLATION 395 FT	EA	\$12,375.00	\$0.00	\$10,397.52
0183	WOOD POLE INSTALLATION 400 FT	EA	\$12,533.00	\$0.00	\$10,543.10
0184	WOOD POLE INSTALLATION 405 FT	EA	\$12,691.00	\$0.00	\$10,688.68
0185	WOOD POLE INSTALLATION 410 FT	EA	\$12,849.00	\$0.00	\$10,834.26
0186	WOOD POLE INSTALLATION 415 FT	EA	\$13,007.00	\$0.00	\$10,979.84
0187	WOOD POLE INSTALLATION 420 FT	EA	\$13,165.00	\$0.00	\$11,125.42
0188	WOOD POLE INSTALLATION 425 FT	EA	\$13,323.00	\$0.00	\$11,271.00
0189	WOOD POLE INSTALLATION 430 FT	EA	\$13,481.00	\$0.00	\$11,416.58
0190	WOOD POLE INSTALLATION 435 FT	EA	\$13,639.00	\$0.00	\$11,562.16
0191	WOOD POLE INSTALLATION 440 FT	EA	\$13,797.00	\$0.00	\$11,707.74
0192	WOOD POLE INSTALLATION 445 FT	EA	\$13,955.00	\$0.00	\$11,853.32
0193	WOOD POLE INSTALLATION 450 FT	EA	\$14,113.00	\$0.00	\$11,998.90
0194	WOOD POLE INSTALLATION 455 FT	EA	\$14,271.00	\$0.00	\$12,144.48
0195	WOOD POLE INSTALLATION 460 FT	EA	\$14,429.00	\$0.00	\$12,290.06
0196	WOOD POLE INSTALLATION 465 FT	EA	\$14,587.00	\$0.00	\$12,435.64
0197	WOOD POLE INSTALLATION 470 FT	EA	\$14,745.00	\$0.00	\$12,581.22
0198	WOOD POLE INSTALLATION 475 FT	EA	\$14,903.00	\$0.00	\$12,726.80
0199	WOOD POLE INSTALLATION 480 FT	EA	\$15,061.00	\$0.00	\$12,872.38
0200	WOOD POLE INSTALLATION 485 FT	EA	\$15,219.00	\$0.00	\$13,017.96
0201	WOOD POLE INSTALLATION 490 FT	EA	\$15,377.00	\$0.00	\$13,163.54
0202	WOOD POLE INSTALLATION 495 FT	EA	\$15,535.00	\$0.00	\$13,309.12
0203	WOOD POLE INSTALLATION 500 FT	EA	\$15,693.00	\$0.00	\$13,454.70
0204	WOOD POLE INSTALLATION 505 FT	EA	\$15,851.00	\$0.00	\$13,600.28
0205	WOOD POLE INSTALLATION 510 FT	EA	\$16,009.00	\$0.00	\$13,745.86
0206	WOOD POLE INSTALLATION 515 FT	EA	\$16,167.00	\$0.00	\$13,891.44
0207	WOOD POLE INSTALLATION 520 FT	EA	\$16,325.00	\$0.00	\$14,037.02
0208	WOOD POLE INSTALLATION 525 FT	EA	\$16,483.00	\$0.00	\$14,182.60
0209	WOOD POLE INSTALLATION 530 FT	EA	\$16,641.00	\$0.00	\$14,328.18
0210	WOOD POLE INSTALLATION 535 FT	EA	\$16,799.00	\$0.00	\$14,473.76
0211	WOOD POLE INSTALLATION 540 FT	EA	\$16,957.00	\$0.00	\$14,619.34
0212	WOOD POLE INSTALLATION 545 FT	EA	\$17,115.00	\$0.00	\$14,764.92
0213	WOOD POLE INSTALLATION 550 FT	EA	\$17,273.00	\$0.00	\$14,910.50
0214	WOOD POLE INSTALLATION 555 FT	EA	\$17,431.00	\$0.00	\$15,056.08
0215	WOOD POLE INSTALLATION 560 FT	EA	\$17,589.00	\$0.00	\$15,201.66
0216	WOOD POLE INSTALLATION 565 FT	EA	\$17,747.00	\$0.00	\$15,347.24
0217	WOOD POLE INSTALLATION 570 FT	EA	\$17,905.00	\$0.00	\$15,492.82
0218	WOOD POLE INSTALLATION 575 FT	EA	\$18,063.00	\$0.00	\$15,638.40
0219	WOOD POLE INSTALLATION 580 FT	EA	\$18,221.00	\$0.00	\$15,783.98
0220	WOOD POLE INSTALLATION 585 FT	EA	\$18,379.00	\$0.00	\$15,929.56
0221	WOOD POLE INSTALLATION 590 FT	EA	\$18,537.00	\$0.00	\$16,075.14
0222	WOOD POLE INSTALLATION 595 FT	EA	\$18,695.00	\$0.00	\$16,220.72
0223	WOOD POLE INSTALLATION 600 FT	EA	\$18,853.00	\$0.00	\$16,366.30
0224	WOOD POLE INSTALLATION 605 FT	EA	\$19,011.00	\$0.00	\$16,511.88
0225	WOOD POLE INSTALLATION 610 FT	EA	\$19,169.00	\$0.00	\$16,657.46
0226	WOOD POLE INSTALLATION 615 FT	EA	\$19,327.00	\$0.00	\$16,803.04
0227	WOOD POLE INSTALLATION 620 FT	EA	\$19,485.00	\$0.00	\$16,948.62
0228	WOOD POLE INSTALLATION 625 FT	EA	\$19,643.00	\$0.00	\$17,094.20
0229	WOOD POLE INSTALLATION 630 FT	EA	\$19,801.00	\$0.00	\$17,239.78
0230	WOOD POLE INSTALLATION 635 FT	EA	\$19,959.00	\$0.00	\$17,385.36
0231	WOOD POLE INSTALLATION 640 FT	EA	\$20,117.00	\$0.00	\$17,530.94
0232	WOOD POLE INSTALLATION 645 FT	EA	\$20,275.00	\$0.00	\$17,676.52
0233	WOOD POLE INSTALLATION 650 FT	EA	\$20,433.00	\$0.00	\$17,822.10
0234	WOOD POLE INSTALLATION 655 FT	EA	\$20,591.00	\$0.00	\$17,967.68
0235	WOOD POLE INSTALLATION 660 FT	EA	\$20,749.00	\$0.00	\$18,113.26
0236	WOOD POLE INSTALLATION 665 FT	EA	\$20,907.00	\$0.00	\$18,258.84
0237	WOOD POLE INSTALLATION 670 FT	EA	\$21,065.00	\$0.00	\$18,404.42
0238	WOOD POLE INSTALLATION 675 FT	EA	\$21,223.00	\$0.00	\$18,550.00
0239	WOOD POLE INSTALLATION 680 FT	EA	\$21,381.00	\$0.00	\$18,695.58
0240	WOOD POLE INSTALLATION 685 FT	EA	\$21,539.00	\$0.00	\$18,841.16
0241	WOOD POLE INSTALLATION 690 FT	EA	\$21,697.00	\$0.00	\$18,986.74
0242	WOOD POLE INSTALLATION 695 FT	EA	\$21,855.00	\$0.00	\$19,132.32
0243	WOOD POLE INSTALLATION 700 FT	EA	\$22,013.00	\$0.00	\$19,277.90
0244	WOOD POLE INSTALLATION 705 FT	EA	\$22,171.00	\$0.00	\$19,423.48
0245	WOOD POLE INSTALLATION 71				

0142	CONCRETE POLE DIRECT EMBED INSTALLATION 95 FT - MAX WT 17,000 LB	EA	\$6,254.28	\$0.00	\$6,254.28
0143	CONCRETE POLE DIRECT EMBED INSTALLATION 90 FT - MAX WT 13,000 LB	EA	\$6,969.89	\$0.00	\$6,969.89
0144	CONCRETE POLE DIRECT EMBED INSTALLATION 95 FT - MAX WT 12,000 LB	EA	\$7,361.85	\$0.00	\$7,361.85
0145	CONCRETE POLE DIRECT EMBED INSTALLATION 100 FT - MAX WT 35,000 LB	EA	\$7,837.32	\$0.00	\$7,837.32
0146	CONCRETE POLE DIRECT EMBED INSTALLATION 105 FT - MAX WT 38,000 LB	EA	\$8,074.80	\$0.00	\$8,074.80
0147	CONCRETE POLE DIRECT EMBED INSTALLATION 110 FT - MAX WT 41,000 LB	EA	\$8,343.39	\$0.00	\$8,343.39
0148	CONCRETE POLE DIRECT EMBED INSTALLATION 115 FT - MAX WT 44,000 LB	EA	\$8,627.77	\$0.00	\$8,627.77
0149	CONCRETE POLE DIRECT EMBED INSTALLATION 120 FT - MAX WT 48,000 LB	EA	\$8,981.14	\$0.00	\$8,981.14
0150	CONCRETE POLE ADDITIONAL EXCAVATION & CONCRETE BACKFILL	CY	\$355.48	\$0.00	\$355.48
0151	TEMPORARY GUARD STRUCTURE	EA	\$7,588.50	\$0.00	\$7,588.50
0200 69 & 138 KV STRUCTURE FRAMING STANDARDS					
0201	69KV WOOD SC H-FRAME SUSPENSION (LIGHT & MEDIUM)	EA	\$2,842.81	\$0.00	\$2,842.81
0202	138KV WOOD SC H-FRAME SUSPENSION (LIGHT)	EA	\$2,842.81	\$0.00	\$2,842.81
0203	138KV WOOD SC H-FRAME SUSPENSION (MEDIUM)	EA	\$3,001.80	\$0.00	\$3,001.80
0204	69, 138, 161KV WOOD SC H-FRAME SUSPENSION (HEAVY)	EA	\$3,159.79	\$0.00	\$3,159.79
0205	INSTALL ADDITIONAL WOOD X-BRACE	EA	\$631.96	\$0.00	\$631.96
0206	WOOD SC H-FRAME DEADEND (2-POLE)	EA	\$12,321.18	\$0.00	\$12,321.18
0207	WOOD SC 3-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$1,579.90	\$0.00	\$1,579.90
0208	WOOD SC 3-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$1,579.90	\$0.00	\$1,579.90
0209	WOOD SC 3-POLE RUNNING CORNER TWO-PART INSULATOR STRING	EA	\$5,791.75	\$0.00	\$5,791.75
0210	WOOD SC 3-POLE DEADEND WITH HORIZONTAL POST	EA	\$10,901.29	\$0.00	\$10,901.29
0211	WOOD SC 3-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$10,427.31	\$0.00	\$10,427.31
0212	WOOD SC SINGLE POLE SUSPENSION, BACK TO BACK BRACED POST	EA	\$995.33	\$0.00	\$995.33
0213	WOOD SC SINGLE POLE SUSPENSION, BRACED POST	EA	\$995.33	\$0.00	\$995.33
0214	WOOD SC SINGLE POLE SUSPENSION, BACK TO BACK HORIZONTAL POST	EA	\$521.37	\$0.00	\$521.37
0215	WOOD SC SINGLE POLE SUSPENSION, HORIZONTAL POST	EA	\$521.37	\$0.00	\$521.37
0216	WOOD SC SINGLE POLE SUSPENSION, BACK TO BACK DAVIT ARM	EA	\$1,232.32	\$0.00	\$1,232.32
0217	WOOD SC SINGLE POLE SUSPENSION, DAVIT ARM	EA	\$1,232.32	\$0.00	\$1,232.32
0218	WOOD SC SINGLE POLE RUNNING CORNER, WITH SWING BRACKETS	EA	\$1,469.30	\$0.00	\$1,469.30
0219	WOOD SC SINGLE POLE RUNNING CORNER, WITHOUT SWING BRACKETS	EA	\$1,232.32	\$0.00	\$1,232.32
0220	WOOD SC SINGLE POLE DE ONE SIDE ONLY	EA	\$4,739.69	\$0.00	\$4,739.69
0221	WOOD SC SINGLE POLE DEADEND, WITHOUT HORIZONTAL POST (8 GUY)	EA	\$12,765.55	\$0.00	\$12,765.55
0222	WOOD SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (12 GUY)	EA	\$14,382.51	\$0.00	\$14,382.51
0223	WOOD SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (NO GUY)	EA	\$9,853.14	\$0.00	\$9,853.14
0224	WOOD DC SINGLE POLE SUSPENSION BRACED INSULATORS	EA	\$1,974.12	\$0.00	\$1,974.12
0225	WOOD DC SINGLE POLE SUSPENSION WITH BACK TO BACK HORIZONTAL POST	EA	\$995.33	\$0.00	\$995.33
0226	WOOD DC SINGLE POLE SUSPENSION WITH DAVIT ARMS	EA	\$2,417.24	\$0.00	\$2,417.24
0227	WOOD DC 2-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$1,238.78	\$0.00	\$1,238.78
0228	WOOD DC 2-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$2,764.82	\$0.00	\$2,764.82
0229	WOOD DC 2-POLE SUSPENSION WITH BRACED POSTS	EA	\$1,990.67	\$0.00	\$1,990.67
0230	WOOD DC 2-POLE DEADEND WITH HORIZONTAL POST	EA	\$19,906.68	\$0.00	\$19,906.68
0231	WOOD DC 2-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$18,958.74	\$0.00	\$18,958.74
0232	STEEL SC H-FRAME SUSPENSION (LIGHT & MEDIUM)	EA	\$1,832.68	\$0.00	\$1,832.68
0233	STEEL SC H-FRAME SUSPENSION (HEAVY)	EA	\$1,832.68	\$0.00	\$1,832.68
0234	STEEL SC 3-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$1,579.90	\$0.00	\$1,579.90
0235	STEEL SC 3-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$1,313.81	\$0.00	\$1,313.81
0236	STEEL SC 3-POLE RUNNING CORNER TWO-PART STRING	EA	\$2,472.83	\$0.00	\$2,472.83
0237	STEEL SC 3-POLE DEADEND WITH HORIZONTAL POST	EA	\$10,901.29	\$0.00	\$10,901.29
0238	STEEL SC 3-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$10,427.31	\$0.00	\$10,427.31
0239	STEEL SC SINGLE POLE SUSPENSION, BACK TO BACK BRACED POST	EA	\$995.33	\$0.00	\$995.33
0240	STEEL SC SINGLE POLE SUSPENSION, BRACED POST	EA	\$995.33	\$0.00	\$995.33
0241	STEEL SC SINGLE POLE SUSPENSION, BACK TO BACK HORIZONTAL POST	EA	\$521.37	\$0.00	\$521.37
0242	STEEL SC SINGLE POLE SUSPENSION, HORIZONTAL POST	EA	\$521.37	\$0.00	\$521.37
0243	STEEL SC SINGLE POLE SUSPENSION, BACK TO BACK DAVIT ARM	EA	\$1,232.32	\$0.00	\$1,232.32
0244	STEEL SC SINGLE POLE SUSPENSION, DAVIT ARM	EA	\$1,232.32	\$0.00	\$1,232.32
0245	STEEL SC SINGLE POLE RUNNING CORNER, WITH SWING BRACKETS	EA	\$1,469.30	\$0.00	\$1,469.30
0246	STEEL SC SINGLE POLE RUNNING CORNER, WITHOUT SWING BRACKETS	EA	\$1,232.32	\$0.00	\$1,232.32
0247	STEEL SC SINGLE POLE DEADEND, WITHOUT HORIZONTAL POST (8 GUY)	EA	\$12,765.55	\$0.00	\$12,765.55
0248	STEEL SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (12 GUY)	EA	\$14,382.51	\$0.00	\$14,382.51
0249	STEEL SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (NO GUY)	EA	\$9,853.14	\$0.00	\$9,853.14
0250	STEEL DC SINGLE POLE SUSPENSION BRACED INSULATORS	EA	\$1,943.77	\$0.00	\$1,943.77
0251	STEEL DC SINGLE POLE SUSPENSION WITH BACK TO BACK HORIZONTAL POST	EA	\$995.33	\$0.00	\$995.33
0252	STEEL DC SINGLE POLE SUSPENSION WITH DAVIT ARMS	EA	\$2,891.21	\$0.00	\$2,891.21
0253	CUSTOM DESIGN STEEL DC SINGLE POLE SUSPENSION WITH DAVIT ARMS	EA	\$5,529.63	\$0.00	\$5,529.63
0253a	CUSTOM DESIGN STEEL DC SINGLE POLE SUSPENSION WITH DAVIT ARMS	EA	\$5,529.63	\$0.00	\$5,529.63
0253b	STEEL DC SINGLE POLE RUNNING CORNER	EA	\$5,529.63	\$0.00	\$5,529.63

0253c	CUSTOM DESIGN STEEL DC SINGLE POLE RUNNING CORNER	EA	\$5,329.83	\$0.00	\$5,329.83
0253d	STEEL DC SINGLE POLE DEADEND	EA	\$21,802.33	\$0.00	\$20,089.83
0253e	CUSTOM DESIGN STEEL DC SINGLE POLE DEADEND	EA	\$21,802.33	\$0.00	\$20,089.83
0254	STEEL DC 2-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$3,001.80	\$0.00	\$2,765.98
0255	STEEL DC 2-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$2,527.83	\$0.00	\$2,329.26
0256	STEEL DC 2-POLE SUSPENSION WITH BRACED POSTS	EA	\$1,990.67	\$0.00	\$1,834.23
0257	STEEL DC 2-POLE DEADEND WITH HORIZONTAL POST	EA	\$19,906.63	\$0.00	\$18,342.89
0258	STEEL DC 2-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$18,958.74	\$0.00	\$17,469.42
0259	CONCRETE SC H-FRAME SUSPENSION (LIGHT & MEDIUM)	EA	\$1,974.87	\$0.00	\$1,819.73
0260	CONCRETE SC H-FRAME SUSPENSION (HEAVY)	EA	\$2,290.85	\$0.00	\$2,130.39
0261	CONCRETE SC 3-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$1,658.39	\$0.00	\$1,528.57
0262	CONCRETE SC 3-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$1,421.91	\$0.00	\$1,310.21
0263	CONCRETE SC 3-POLE DEADEND WITH HORIZONTAL POST	EA	\$11,138.26	\$0.00	\$10,263.28
0265	CONCRETE SC 3-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$10,427.31	\$0.00	\$9,608.18
0266	CONCRETE SC SINGLE POLE SUSPENSION, BACK TO BACK BRACED POST	EA	\$1,540.40	\$0.00	\$1,413.39
0267	CONCRETE SC SINGLE POLE SUSPENSION, BRACED POST	EA	\$1,540.40	\$0.00	\$1,413.39
0268	CONCRETE SC SINGLE POLE SUSPENSION, BACK TO BACK HORIZONTAL POST	EA	\$829.44	\$0.00	\$764.29
0269	CONCRETE SC SINGLE POLE SUSPENSION, HORIZONTAL POST	EA	\$829.44	\$0.00	\$764.29
0270	CONCRETE SC SINGLE POLE SUSPENSION, BACK TO BACK DAVIT ARM	EA	\$3,673.26	\$0.00	\$3,384.70
0271	CONCRETE SC SINGLE POLE SUSPENSION, DAVIT ARM	EA	\$3,673.26	\$0.00	\$3,384.70
0272	CONCRETE SC SINGLE POLE RUNNING CORNER, WITH SWING BRACKETS	EA	\$1,066.43	\$0.00	\$982.65
0273	CONCRETE SC SINGLE POLE RUNNING CORNER, WITHOUT SWING BRACKETS	EA	\$829.44	\$0.00	\$764.29
0274	CONCRETE SC SINGLE POLE DE ONE SIDE ONLY	EA	\$5,371.64	\$0.00	\$4,949.67
0275	CONCRETE SC SINGLE POLE DEADEND, WITHOUT HORIZONTAL POST (8 GUYS)	EA	\$14,029.47	\$0.00	\$12,927.37
0276	CONCRETE SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (2 GUYS)	EA	\$16,389.51	\$0.00	\$15,096.49
0277	CONCRETE SC SINGLE POLE DEADEND, WITH HORIZONTAL POST (10 GUYS)	EA	\$11,354.24	\$0.00	\$10,554.44
0278	CONCRETE DC SINGLE POLE SUSPENSION BRACED INSULATORS	EA	\$2,962.30	\$0.00	\$2,729.60
0279	CONCRETE DC SINGLE POLE SUSPENSION WITH BACK TO BACK HORIZONTAL POST	EA	\$1,540.40	\$0.00	\$1,413.33
0280	CONCRETE DC SINGLE POLE SUSPENSION WITH DAVIT ARMS	EA	\$5,332.15	\$0.00	\$4,913.27
0281	CONCRETE DC 2-POLE RUNNING CORNER WITH SWING BRACKETS	EA	\$3,080.80	\$0.00	\$2,838.78
0282	CONCRETE DC 2-POLE RUNNING CORNER WITHOUT SWING BRACKETS	EA	\$2,606.83	\$0.00	\$2,402.05
0283	CONCRETE DC 2-POLE SUSPENSION WITH BRACED POSTS	EA	\$3,080.80	\$0.00	\$2,838.78
0284	CONCRETE DC 2-POLE DEADEND WITH HORIZONTAL POST	EA	\$22,908.48	\$0.00	\$21,108.68
0285	CONCRETE DC 2-POLE DEADEND WITHOUT HORIZONTAL POST	EA	\$21,486.57	\$0.00	\$19,798.68
0286	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0287	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0300	GROUNDING				
0301	GROUNDING ASSEMBLY - STEEL POLE OR TOWER - COPPER	EA	\$276.48	\$0.00	\$254.76
0302	GROUNDING ASSEMBLY - STEEL POLE OR TOWER - THEFT DETERRENT	EA	\$197.49	\$0.00	\$181.97
0303	GROUNDING ASSEMBLY - WOOD OR CONCRETE POLE - COPPER FULL LENGTH	EA	\$513.47	\$0.00	\$473.13
0304	GROUNDING ASSEMBLY - WOOD OR CONCRETE POLE - THEFT DETERRENT	EA	\$513.47	\$0.00	\$473.13
0305	ADDITIONAL GROUND ROD	EA	\$157.92	\$0.00	\$145.58
0306	TEST GROUND RESISTANCE REPORT	EA	\$78.99	\$0.00	\$72.79
0307	TEMPORARY CONDUCTOR GROUNDS	PER Three Phase Installation	\$2,527.83	\$0.00	\$2,329.26
0400	CONDUCTORS, SHIELD WIRE, AND OPTICAL GROUND WIRE				
0401	WIRE REMOVAL AND SALVAGE ALL TYPES AND SIZES TO WIRE	CIRCUIT WIRE	\$21,444.56	\$0.00	\$18,544.25
0402	WIRE REMOVAL AND SALVAGE ALL TYPES AND SIZES TO WIRE	CIRCUIT WIRE	128,123.06	\$0.00	\$109,442.50
0403	WIRE REMOVAL AND SALVAGE ALL TYPES AND SIZES TO WIRE	CIRCUIT WIRE	128,123.06	\$0.00	\$109,442.50
0404	WIRE REMOVAL AND SALVAGE ALL TYPES AND SIZES TO WIRE	OPTICAL WIRE	207,756.84	\$0.00	\$181,877.11
0405	ADDITIONAL WIRE, ALL TYPES AND SIZES	WIRE TYPE	1,000.00	\$0.00	\$865.00
0406	CONDUCTOR BUNDLES PHASE DISTRIBUTION EQUIPMENT TO BE STRUNG	FT	\$4,817.17	\$0.00	\$4,396.44
0407	CONDUCTOR BUNDLES PHASE DISTRIBUTION EQUIPMENT TO BE STRUNG	FT	20,757.33	\$0.00	\$18,646.52
0408	CONDUCTOR BUNDLES PHASE DISTRIBUTION EQUIPMENT TO BE STRUNG	FT	1,000.00	\$0.00	\$865.00
0409	CONDUCTOR BUNDLES PHASE DISTRIBUTION EQUIPMENT TO BE STRUNG	FT	1,000.00	\$0.00	\$865.00
0410	CONDUCTOR BUNDLES PHASE DISTRIBUTION EQUIPMENT TO BE STRUNG	FT	1,000.00	\$0.00	\$865.00
0411	WIRE ALUMINUM OR COPPER #1 AND SMALLER	FT	\$2.84	\$0.00	\$2.43
0412	WIRE ALUMINUM OR COPPER #2 THROUGH #6AWG	FT	\$3.79	\$0.00	\$3.32
0413	WIRE ALUMINUM OR COPPER #251MCM THROUGH #36MCM	FT	\$2.84	\$0.00	\$2.43
0414	WIRE ALUMINUM OR COPPER #37MCM THROUGH #50MCM	FT	\$3.43	\$0.00	\$3.06
0415	WIRE ALUMINUM OR COPPER #60MCM AND ABOVE	FT	\$1.63	\$0.00	\$1.35
0416	OPTICAL GROUND WIRE	FT	\$4.48	\$0.00	\$4.13
0417	ADSS	FT	\$4.49	\$0.00	\$4.13
0418	PILOT WIRE	FT	\$1.64	\$0.00	\$1.51

0500	MISCELLANEOUS TRANSMISSION LINE				
0501	GRUY ASSEMBLY ALL TYPES	EA	\$481.77	\$0.00	\$378.50
0501a	GRUY AND WITCHOR ASSEMBLY REMOVAL - ALL TYPES	EA	\$281.33	\$0.00	\$262.04
0502	MULTI-HELIX SOIL ANCHOR	EA	\$194.97	\$0.00	\$163.95
0503	ROCK ANCHOR - 6 IN. X 15 FT. GROUTED - FIRST INSTALLED ON PROJECT	EA	N/A	\$0.00	N/A
0503a	ROCK ANCHOR - 6 IN. X 15 FT. GROUTED - AFTER FIRST INSTALLATION	EA	N/A	\$0.00	N/A
0504	ROCK ANCHOR - GROUTED - ADDITIONAL DEPTH	LF	N/A	\$0.00	N/A
0505	ROCK DRILLING	CY	N/A	\$0.00	N/A
0506	POLE HOLE ADDITIONAL EXCAVATION	LF	\$126.39	\$0.00	\$116.46
0507	CONCRETE BACKFILL FOR DIRECT EMBED POLE	CY	\$1,131.15	\$0.00	\$1,106.72
0508	DRILLED SHAFT FOUNDATION SMALLER THAN FOUR (4) FOOT DIAMETER	CY	N/A	\$0.00	N/A
0508a	DRILLED SHAFT FOUNDATION FOUR (4) FOOT DIAMETER TO SIX (6) FOOT DIAMETER	CY	N/A	\$0.00	N/A
0510	DRILLED SHAFT FOUNDATION LARGER THAN SIX (6) FOOT DIAMETER	CY	N/A	\$0.00	N/A
0511	TEMPORARY CASING FOUNDATION SMALLER THAN FOUR (4) FOOT DIAMETER	EA	N/A	\$0.00	N/A
0512	TEMPORARY CASING FOUNDATION FOUR (4) FOOT DIAMETER TO SIX (6) FOOT DIAMETER	EA	N/A	\$0.00	N/A
0513	TEMPORARY CASING FOUNDATION LARGER THAN SIX (6) FOOT DIAMETER	EA	N/A	\$0.00	N/A
0514	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0515	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0516	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0517	INTENTIONALLY DELETED	N/A	N/A	N/A	N/A
0518	MARKER BALL	EA	\$247.54	\$0.00	\$473.47
0519	HYDROVAC	CF	N/A	\$0.00	N/A
0600	EROSION AND SEDIMENTATION CONTROLS ROW AND ACCESS ROADS				
0601	STEEL CULVERT SMALLER THAN 24" DIAMETER	LF	N/A	\$0.00	N/A
0602	STEEL CULVERT 24" DIAMETER THROUGH 48" DIAMETER	LF	N/A	\$0.00	N/A
0603	CONCRETE CULVERT SMALLER THAN 24" DIAMETER	LF	N/A	\$0.00	N/A
0604	CONCRETE CULVERT 24" DIAMETER THROUGH 48" DIAMETER	LF	N/A	\$0.00	N/A
0605	SEEDING ALL MIXES	ACRE	N/A	\$0.00	N/A
0606	SILT FENCE ALL TYPES	FT	N/A	\$0.00	N/A
0607	RIPP/RAP LARGER THAN #3 LIMESTONE	TON	N/A	\$0.00	N/A
0608	#3 LIMESTONE AND SMALLER	TON	N/A	\$0.00	N/A
0609	ROAD MATS	FT	\$147.99	\$0.00	\$138.03



Material Statement

Sheet _____ of _____

Supplier: THOMAS + BETTS County: HARRIS
 Address: 8700 FAIRBANKS N. HOUSTON RD. Project: _____
 Control: _____ Contractor: _____

Contract No.: _____

Purchase Order No.	Quantity (Amt./Units)	Material Description	Mill Name	Heat No.	Material Use	Required Spec.	Documentation MTR	Documentation Cert.
706494	8	ANCHOR BOLT ROUND BAR-RE	GEDAM	62132314/03	N758-MS	A615/A615M	X	
372407	2	PLATE (TEMPLATES)	WILLBANKS	B387176	65	A871	X	
706834	16	2 1/4" - 4 1/2" 2H/0H HVY NUT	DYSON	121703	2H	A194	X	

This is to certify that the materials listed above and on the attached supplement (if attached) are in conformance with the governing specifications(s). This is to also certify that all manufacturing processes for steel and iron materials or for the application of coatings (epoxy, galvanizing, painting or any other coating that protects or enhances the value of the steel or iron metal) to these materials occurred in the United States of America. Manufacturing processes are defined as all processes required to change the raw ore or scrap metal into the finished in-place steel or iron product. The attached mill test reports (MTRs) and Certifications (Cert.) are offered as proof of Domestic Origin.

Subscribed and sworn to before me this _____ day of _____, _____
 I declare under penalty of perjury under the laws of the United States of America and the State of Texas that the foregoing is true and correct and that I am authorized to sign for the Firm listed below.

Notary Public _____ Date _____
 (Authorized Corporate Official Signature)

My Commission expires: _____
 (Type Name and Title)

 (Firm Name)



GERDAU

US-ML-ST PAUL
1678 RED ROCK ROAD
SAINT PAUL, MN 55119
USA

CERTIFIED MATERIAL TEST REPORT

CUSTOMER SHIP TO
THOMAS & BETTS CORPORATION
8700 FAIRBANKS
HOUSTON, TX 77064-6808
USA

SALES ORDER
486686/000020

CUSTOMER MATERIAL N°

CUSTOMER PURCHASE ORDER NUMBER
706494

BILL OF LADING
1332-000008912

DATE
10/15/2013

GRADE
N75S-M5

SHAPE / SIZE
NORSCO 75S / 181

LENGTH
60'00"

WEIGHT
97,376 LB

HEAT / BATCH
62132314/03

SPECIFICATION / DATE of REVISION

1-ASTM A615/A615M-09
2-NORSCO 75S

CHEMICAL COMPOSITION

C %	0.31	Mn %	1.38	P %	0.010	S %	0.010	Si %	0.38	Cr %	0.29	Ni %	0.26	Mo %	0.028	Sh %	0.010	V %	0.125	Nb %	0.000	N %	0.0209
-----	------	------	------	-----	-------	-----	-------	------	------	------	------	------	------	------	-------	------	-------	-----	-------	------	-------	-----	--------

MECHANICAL PROPERTIES

BackTens	OK
CI Temp	20
YF	20
YS	37
UTS	40

CI L F3

look	27	Elong. %	27.30
look	30		15.60

MECHANICAL PROPERTIES

YS	75
PSI	76400
UTS	75600

GEOMETRIC CHARACTERISTICS

R/R
7.11

HARDENABILITY

DJ A255
1/4"t
2.76

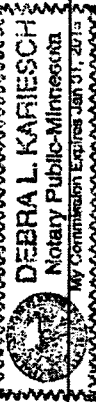
COMMENTS / NOTES

Material 100% melted and rolled in the USA. Manufacturing processes for this steel, which may include scrap melted in an electric arc furnace and hot rolling, have been performed at Gerdaul St. Paul Mill, 1678 Red rock Rd, St. Paul, Minnesota, USA. All products produced from strand cast billets. Silicon killed (deoxidized) steel. No weld repairment performed. Steel not exposed to mercury or any liquid alloy which is liquid at ambient temperatures during processing or while in Gerdaul St. Paul Mill's possession. Any Modification to this certification as provided by Gerdaul # St. Paul Mill without the expressed written consent of Gerdaul St. Paul Mill negates the validity of this report. This report shall not be reproduced except in full, without the expressed written consent of Gerdaul St. Paul Mill. Gerdaul St. Paul Mill is not responsible for the inability of this material in meet specific applications.

Roll batch 6213231403 roll dtd 8/27/2013

OCT 21 2013

Debra Kausch



The above figures are certified chemical and physical test records as contained in the permanent records of company. This material, including the billets, was melted and manufactured in the USA. CMTR complies with EN 10204 3.1.

Shakary
SHASKAR YALAMANCHILI
QUALITY DIRECTOR

M/S
ALEA BRANDENBURG
QUALITY ASSURANCE MGR.

W
Wilbenke Metals
 Mill Roll and Mill Plate Distribution

1155 NE 28th Street
 Fort Worth, TX 76106

Material Certifications for Shipment

Customer:	Thomas & Betts Houston, TX	Customer PO: 377407	Work Order Number: 34480
Product Description:	ASTM A871 Grade 65 Type 2 LCVN: 15 FT/LBS -Z0F	Ship Date: 7/25/2013	Cart Date: 7/25/2013
Size:	3/8 X 96 X 574	Places: 7	Weight: 41011
Vendor: Nucor, Tuscaloosa, AL			

Heat No	Mill ID No.	Physical Properties:			Elong 2"			Charpy Impact Tests (FT/LB)		
		YS (PSI)	UTS (PSI)	Internal Head	Internal Middle	Internal Tail	A	B	C	Avg
B357176	B357176-06	76200	94700	23.3	22.7	10 mm	41.000	35.000	40.000	38.7
		75600	91000				26.000	51.000	54.000	43.7
							25.000	12.000	39.000	25.3

Heat No	C	Mn	P	S	Si	Cu	Ni	Mo	Cb	V
B357176	0.18	1.11	0.009	0.003	0.26	0.27	0.22	0.47	0.023	0.028
	Al	Ti	NZ	B	Ca	Sn	CEV			
	0.033	0.001	0.006		0.003	0.008	0.5			

T&B Spec MS 40.1.18 REV 6, 2/03/12

loft - 2030met

APPROVED

JUL 26 2013

BY: M



Certified Material Test Report

2/27/2013

53 Freedom Rd
Painesville OH 44077

440-946-3500 Phone
440-352-2700 Fax

DYSON ORDER#	CUSTOMER ORDER#	JOB#	QUANTITY SHIPPED	DATE CREATED
2,243	(C)-22513TP4		432.00	2/27/2013

CUSTOMER
Structural Bolt & Mfg. Inc.

PART NUMBER: 225002001

1004 Third Avenue South

PRODUCT DESCRIPTION: 2.25"-4.5UNC-2B (.031" O/S) Heavy Hex Nut, HDG per ASTM-A153/ASTM-F2329 with wax & dye.

Nashville
TN 37210
USA

SPECIFICATIONS: ASTM-A194 Grade 2H
ASTM-A563 Grade DH

STARTING MATERIAL	DIA	GRADE	QTY	LOT CODE	HEAT NO.
Round Bar	2.50	1045	432	DCXG	121703

The product listed above was manufactured, tested, sampled, and inspected in accordance with the specification, purchase order, and any supplementary requirements and was found to meet those requirements unless otherwise noted.

1. The steel was melted and manufactured in the USA and the product was manufactured and tested in the USA.
2. Blanks were tempered @ 850 degrees F. minimum.
3. Hardness Results (Lot # 2): 269/285 HBW 255 HBW after 24 hr. H.T. on sample nuts in accordance with ASTM-A194 Grade 2H

Attachments:

Mill Test Report, Galvanizing Certification,

Deborah A. Smith
Q.A. Admin. Assistant

2/27/2013

Pack Number: 3362

FEB 28 REC'D