



Michael Zimmerman
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September 24, 2018

VIA ELECTRONIC FILING

Rosemary Chiavetta, Secretary
Pennsylvania Public Utility Commission
Commonwealth Keystone Building, 2nd Floor
400 North Street
Harrisburg, PA 17120

**Re: Application of Duquesne Light Company for Approval of the Alteration of Railroad Crossing 510 934T
Docket No. A-2018-_____**

Dear Secretary Chiavetta:

Enclosed for filing, please find Duquesne Light Company's Application for Approval of the Alteration of the Railroad Crossing 510 934T located in the City of Pittsburgh.

The alteration of the railroad crossing consists of the replacement of two (2) existing steel lattice structures with two (2) wood poles, one (1) of which will be relocated relative to the corresponding steel lattice structure. The Company requests approval of this Application as alteration of the railroad crossing is necessary to replace aging infrastructure and accommodate customer's planned construction work outside of the railroad crossing.

Should you have questions, please do not hesitate to contact me at (412) 393-6268.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Michael Zimmerman", is written over a light blue horizontal line.

Michael Zimmerman
Counsel, Regulatory

Enclosures
cc: Certificate of Service

CERTIFICATE OF SERVICE

I hereby certify that a true and correct copy of the foregoing has been served upon the following persons, in the manner indicated, in accordance with the requirements of Pa. Code § 1.54 (relating to service by a participant):

FIRST-CLASS MAIL

City of Pittsburgh
Michael Salem
611 Second Avenue
Pittsburgh, PA 15219

Allegheny Valley Railroad
Chris McCrum
c/o Carload Express
Building 1, Suite 100
Oakmont, PA 15139

McConway & Torley
Michael Mattich
109 48th Street
Pittsburgh, PA 15201

Pennsylvania Department of Transportation
ROW & Utility Division
Bureau of Design- PennDot
PO Box 3362
Harrisburg, PA 17105-3362

Pennsylvania Department of
Transportation
Office of Chief Counsel- PennDot
PO Box 8212
Harrisburg, PA 17105-8212

Allegheny County Department of Public
Works
Stephen G. Shanley, Director
County Office Building
542 Forbes Avenue
Room 501
Pittsburgh, PA 15219



Michael Zimmerman
Duquesne Light Company
411 Seventh Avenue, 15-7
Pittsburgh, PA 15219
Phone: 412-393-6268
Email: mzimmerman@duqlight.com

Dated: September 24, 2018

VERIFICATION

I, Michael Palladino, Jr., being an agent of Duquesne Light Company, state that I am authorized to make this Verification on behalf of Duquesne Light Company that the facts and information set forth in the foregoing plan are true and correct to the best of my knowledge, information and belief, and I expect to be able to prove the same at any hearing held in this matter. I understand that the statements herein are made subject to the penalties of 18 Pa.C.S. § 4904 relating to unsworn falsification to authorities.

A handwritten signature in blue ink, reading "Michael Palladino, Jr.", written over a horizontal line.

Date: September 21, 2018

Michael Palladino, Jr.
Senior Technician, Engineering and Project Management

**BEFORE
PENNSYLVANIA PUBLIC UTILITY
COMMISSION**

In re: Application of Duquesne Light Company for approval of the alteration of the crossing 510 934T by the replacement of existing lattice structures with new 75' poles where 48th Street crosses at grade the tracks of Allegheny Valley Railroad located in Pittsburgh in Allegheny County.

Docket No. A-2018-_____

To The Pennsylvania Public Utility Commission:

1. The name and address of applicant.

Duquesne Light Company
411 Seventh Avenue, 15-7
Pittsburgh, Pennsylvania 15219

2. The name and address of applicant's attorney.

Michael Zimmerman, Esq.
Duquesne Light Company
411 Seventh Avenue. 15-7
Pittsburgh, PA 15219

3. This paragraph to contain a general statement of the nature and character of service rendered by the applicant and the corporate right to alter said crossing.

Duquesne Light Company ("Duquesne Light") is a public utility providing electric distribution and transmission service regulated by the Pennsylvania Public Utility Commission ("Commission"). The alteration required by Duquesne Light are permitted under Duquesne Light's authority and obligation to furnish safe and reliable electric distribution service.

4. This paragraph to contain a brief, concise statement of the nature and character of the alteration of the crossing. Reference being made to plans filed as exhibits.

Duquesne Light proposes this alteration as part of a larger project, which includes work outside the crossing, to relocate facilities to accommodate a customer's installation of a new truck weigh station. With respect to the crossing, Duquesne Light presently operates three 23kV circuits and one 4kV circuit that span the Allegheny Valley Railroad rail line at 48th Street. These circuits are supported by older steel lattice structures located on either side of the rail line. Duquesne Light proposes to replace these steel lattice structures with new 75-foot wood poles (See Exhibit

1). Pole "C", located to the southeast of the rail line, will be an in-place replacement of the corresponding steel lattice structure. Pole "B", located to the northwest of the rail line, will be located approximately 50 feet southeast of the steel lattice structure it replaces. Both Poles "B" and "C" will be located in the public right-of-way. The Company anticipates using the existing conductors presently spanning the two steel lattice structures to span Poles "B" and "C". There will be no change to conductor configuration or ground-to-conductor clearances for this span. At the conductor's lowest point, the vertical distance to the ground is and will remain approximately 41.4 feet. Duquesne Light anticipates that the project will take 1 month and will begin on November 1, 2018.

5. This paragraph to contain the names of public utilities, municipalities, corporations, or property owners concerned in or affected by the proposed alteration of the crossing. If consent to the proposed alteration has been obtained from any municipality or department of the government of the Commonwealth of Pennsylvania, verified copies of such consent should be filed as exhibits.

City of Pittsburgh, Michael Salem, 611 Second Ave., Pittsburgh, PA 15219. See Exhibit 2 (construction drawing submitted to the City for approval), and Exhibit 3 (excerpt of Exhibit 2 depicting City of Pittsburgh stamp of approval)

Allegheny Valley Railroad, Chris McCrum c/o Carload Express, Building 1, Suite 100, Oakmont, PA 15139

McConway & Torley, Michael Mattich, 109 48th Street, Pittsburgh, PA 15201

6. This paragraph to contain an estimate of cost of installing the facilities, a statement as to the parties which will be responsible for installing, maintaining and inspecting the facilities, and from what sources it is proposed to provide such funds.

Duquesne Light has estimated the cost of the project to be \$167,048. All costs will be borne by McConway & Torley, the customer adjoining the crossing that, as discussed further in paragraph 7 below, requested the facility relocation that would necessitate the alteration. Duquesne Light will continue to be responsible for installing, maintaining, and inspecting the facilities.

7. The alteration is necessary or proper for the following reasons:

The proposed alteration is required to accommodate McConway & Torley's contemplated installation of a new truck weigh station on its property. As Exhibit 1 shows, Duquesne Light must relocate Pole "A", located on the customer's property outside of the rail highway crossing, to accommodate the new truck weigh station. Relocating Pole "A" changes the angle of the conductor span that crosses 48th Street. The existing steel lattice structure on the opposite side of 48th Street, due to its age and design, cannot support the conductor at this angle and cannot be relocated. Thus, relocating Pole "A" necessitates replacement of the structure with Pole "B". Replacing this structure, and the lattice structure on the opposite side of the rail line, is also prudent in light of the structures' age. The structures were built approximately 100 years ago, and while they are not at imminent risk of failure, they are approaching the end of their service lives.

As indicated in paragraph 4 above, this project represents minimal alteration to the rail highway crossing. The only changes to the crossing will be (1) replacement of two steel lattice structures

with two wood poles, and (2) relocation of one pole approximately 50 feet closer to the rail line. Duquesne Light anticipates no material changes to the conductor that spans the rail line.

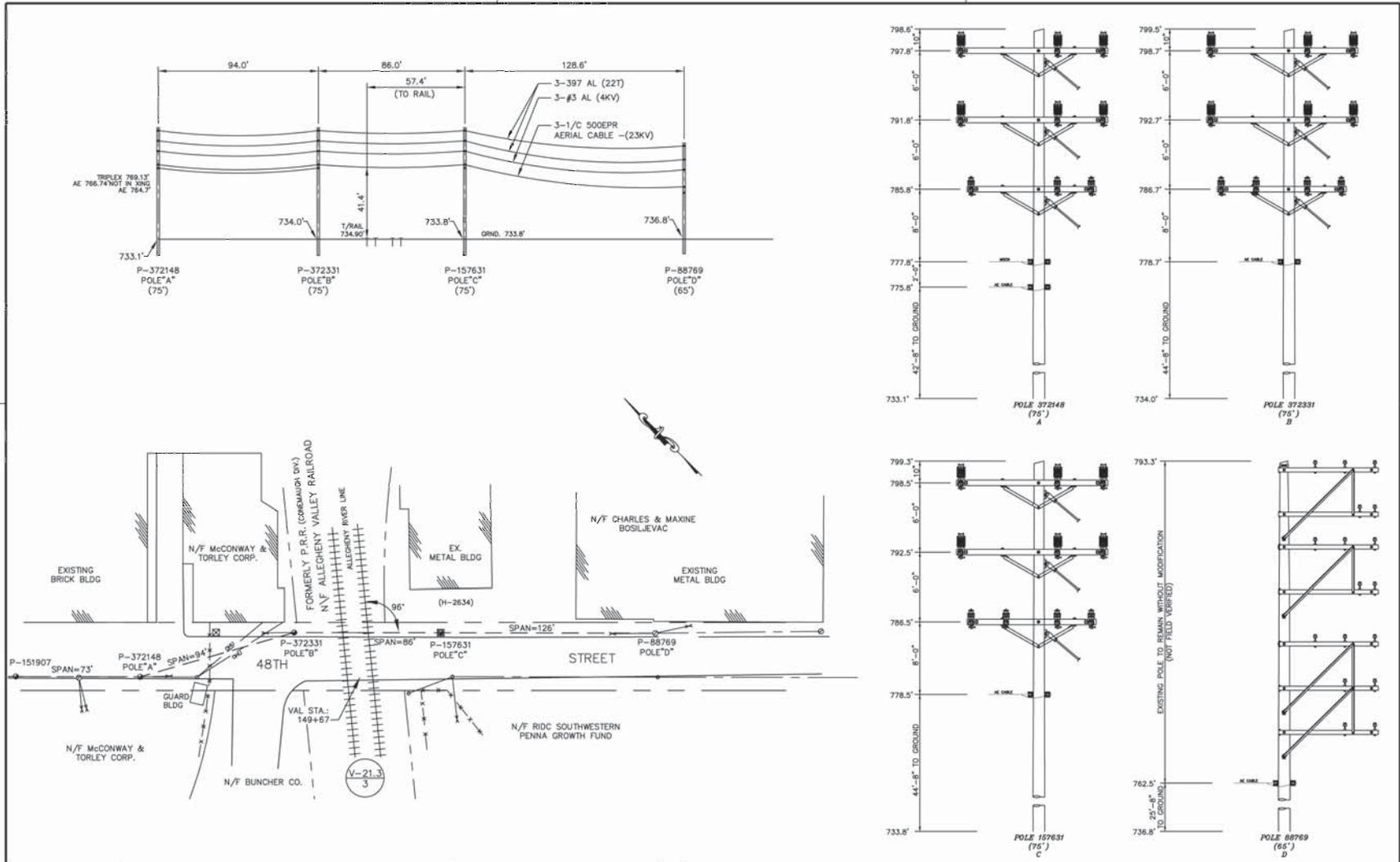
Wherefore, applicant prays your Honorable Commission to approve the application:

A handwritten signature in blue ink, appearing to read "Peter Quinn", is written over a horizontal line.

(Signature of Applicant)

Exhibit 1

TRIM LINE



STRUCTURE		CONDUCTORS				NOTE: CROSSARMS ON CROSSING POLES ARE DOUBLE			
POLE	PRESENT PROPOSED	CLASS	DEPTH IN GROUND	NUMBER PRESENT PROPOSED	TOTAL	TYPE OF WIRE	VOLTAGE	NORMAL SAGS @ 60°F	
								TENSION	SPAN
A	65' 75'	9.5'	1	1	1	3-1/C 500 EPR AERIAL CABLE	23KV	86.0'	1.7'
B	45' 75'	9.5'							
C	75'	9.5'							
D	65' 65'	8.5'							

NOTE: CROSSARMS ON CROSSING POLES ARE DOUBLE

FILE OR JOB NUMBER
450459

NOTE BOOK

DATE OF AGREEMENT

CIRCUIT NUMBER
22451, 22002, 22462, 4186

PRESENT LEGEND PROPOSED

→ GUY → ANCHOR →
 ⊙ DLC ⊙ POLE ⊙ DLC ⊙
 ○ POLE ○
 R RR POLE R

DUQUESNE LIGHT COMPANY
SURVEYING DEPARTMENT PITTSBURGH, PA

23KV CROSSING OVER A.V.RR
@ VAL STA 149+67±

48th STREET, 9th WARD, CITY OF PGH.
ALLEGHENY COUNTY, PA

No. H- 8462 -C

TRIM LINE

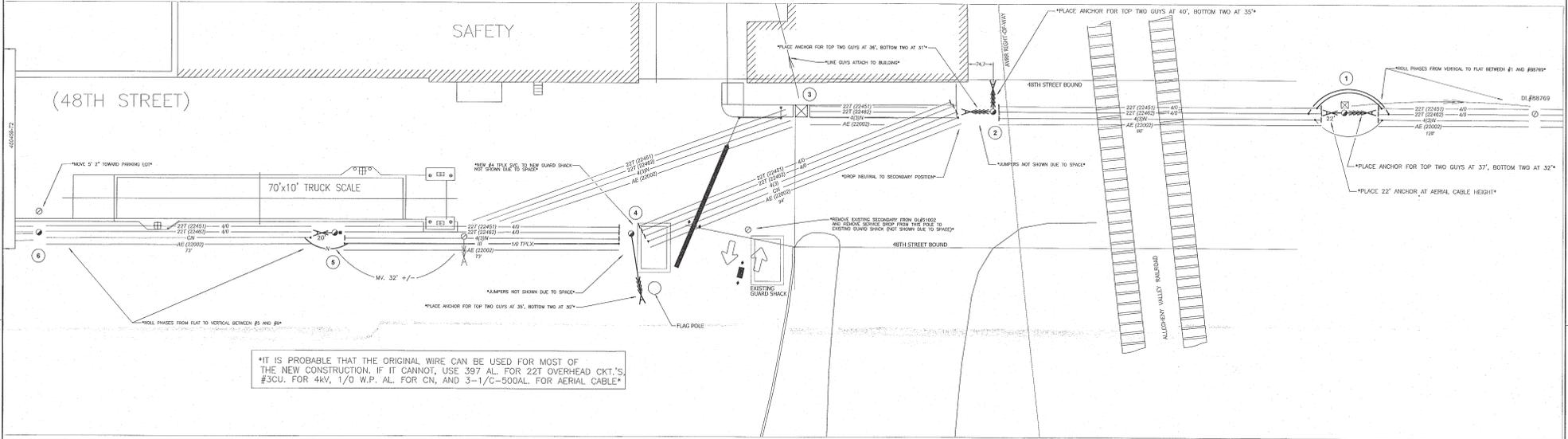
Exhibit 2

No. 450459-T1



MAP: F07-02
CKT: 22451
22452
22462
4186

DESIGN PA ONECALL
SERIAL NUMBER
2018-003-2152
2018-003-2160



- DL #157631**
- METAL LATTICE STRUCTURE
 - (1) 22T DOUBLE CKT. DOUBLE X-ARM ASSEMBLY VARIATION
 - (1) 4KV 3Ø DXA
 - (1) AE. TANGENT ATTACHMENT
 - (1) 22T 18M L.G.
 - (1) 4KV 18M L.G.
 - (2) 18M 22T A.G.'S
 - (1) 18M 4KV A.G.
 - (2) 18M AE. A.G.'S
 - (3) DHLX ANCHORS
- *EXISTING IS A METAL LATTICE STRUCTURE. NOT A POLE*
POLE WILL BE REPLACED WITH A CLASS H1 POLE

- DL #372331**
- 75' CL. 1
 - (1) 22T SINGLE CKT. ANGLE DXDD
 - (OH-7-7, CKT. 22451)
 - (1) 22T SINGLE CKT. ANGLE DXDD
 - (OH-7-7, CKT. 22462)
 - (1) 9' 3Ø DXDD. (4KV)
 - (OH-7-3)
 - (1) A.E. ANGLE ATTACHMENT (OH-14-2B)
 - (4) 18M 22T A.G.'S
 - (2) 18M 4KV A.G.'S
 - (2) 18M AE. A.G.'S
 - (3) 22T 18M L.G.'S
 - (2) DHLX ANCHORS
- *DROP NEUTRAL TO SECONDARY POSITION*

- DL #157632**
- METAL LATTICE STRUCTURE
 - (1) 22T DOUBLE CKT. DOUBLE X-ARM ASSEMBLY VARIATION
 - (1) 4KV 3Ø DXA
 - (1) AE. ANGLE ATTACHMENT
 - (3) 22T 18M L.G.'S
- *THIS IS A METAL LATTICE STRUCTURE, NOT A POLE*

- DL #372148**
- 75' CL. H1
 - (1) 22T SINGLE CKT. ANGLE DXDD
 - (OH-7-7, CKT. 22451)
 - (1) 22T SINGLE CKT. ANGLE DXDD
 - (OH-7-7, CKT. 22462)
 - (OH-7-3)
 - (1) A.E. ANGLE ATTACHMENT (OH-14-2B)
 - (2) CN BKT.'S
 - (2) 18M 22T A.G.'S
 - (1) 18M 4KV A.G.
 - (1) 18M AE. A.G.
 - (2) DHLX ANCHORS

- DL #151907**
- 60' CL. 2
 - (1) 22T DOUBLE CKT. DOUBLE X-ARM (OH-7-11)
 - (1) 10' 3Ø DXA (22T) (OH-7-9, CKT. 22451)
 - (1) 10' 3Ø DXA (22T) (OH-7-9, CKT. 22462)
 - (1) 9' 3Ø DXD. (4KV)
 - (1) 25MVA, 2.4KV, 1200/240V, 1Ø TRANSFORMER (OH-10-3, SITE #114)
 - (2) CN BKT.'S
 - (1) 358 BKT.
 - (1) A.E. TANGENT ATTACHMENT (OH-14-2B)
 - (1) 22T 18M A.G.
 - (1) 18M AE. A.G.
 - (1) DHLX ANCHOR
- *MOVE POLE PER DIMENSION ON PRINT*
GRADE WILL BE LOWERED BY 5' IN THIS AREA, USE THE EXTRA POLE HEIGHT TO SET THE POLE 5' DEEPER THAN USUAL

- DL #131964**
- 60' CL. 2
 - (1) 22T DOUBLE CKT. DOUBLE CROSSARM (OH-7-11)
 - (1) CN BKT.
 - (1) A.E. TANGENT ATTACHMENT (OH-14-2B)
- *MOVE POLE 5' 2" TOWARD PARKING LOT*
GRADE WILL BE LOWERED BY 5' IN THIS AREA, USE THE EXTRA POLE HEIGHT TO SET THE POLE 5' DEEPER THAN USUAL

REVISIONS	DATE	BY	DESCRIPTION
1	06/27/18	OK#	POLE HEIGHT INCREASE
2	07/09/18	7/9/18	REVISIONS RELATING TO CHANGE TO POLE CLASS
3	07/16/18	7/16/18	REVISIONS RELATING TO CHANGE TO POLE CLASS

Duquesne Light <i>Our Energy...Your Power</i> T&D Engineering		McCONWAY & TORLEY POLE RELOCATIONS 109 48TH ST. 9TH WARD OF PGH. DLCO TO RELOCATE (3) POLES TO ALLOW SPACE FOR NEW TRUCK WEIGH STATION	
SCALE	DRAWN BY	CHECKED BY	DATE
N.T.S.	M. PALLADINO	J. STOVER	4/12/18
	DATE CHG	CHK APP	DATE
		KAK	4/17/18
FIG. NO.	DATE	REV. NO.	REV. BY
17-0005		450459-T1	1

4
 CL. 2
 22T DOUBLE CKT.
 JBLE CROSSARM
 -7-11)
 CN BKT.
 N.E. TANGENT ATTACHMENT
 -14-2B)
 RD PARKING LOT*

APPROVED AS NOTED
 Department of Mobility & Infrastructure
 REVIEWED BY: [Signature]
 DATE 6-4-18

D18-226
 DAW 1805892

Must remove old pole within 60 days.

RELATED DRAWINGS

- 450459-T2 - DLCO CONSTRUCTION PRINT (CONTINUED)
- 450459-T3 - CIRCUIT MAPS

Energy... Your Power		McCONWAY & TORLEY POLE RELOCATIONS		
g		109 48TH ST.	9TH WARD OF PGH.	
DATE 4/12/18		DLCO TO RELOCATE (3) POLES TO ALLOW SPACE FOR NEW TRUCK WEIGH STATION		
DATE 4-17-18	A	FPN. NO. 17-0005	DWG. NO. 450459-T1	REV. NO. 0

PH