



**PHILADELPHIA GAS WORKS**  
800 West Montgomery Avenue • Philadelphia, PA 19122

Gerald Clark, Esquire  
Senior Attorney

**RECEIVED**

July 11, 2013

JUL 22 2013

Rosemary Chiavetta, Secretary  
Pennsylvania Public Utility Commission  
P.O. Box 3265  
Harrisburg, PA 17105

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

**RECEIVED**  
2013 JUL 15 AM 10:43  
PA.P.U.C.  
SECRETARY'S BUREAU

Re: Application of Philadelphia Gas Works for approval of the alteration of the separated rail/highway crossing where University Avenue crosses below AMTRAK in the City of Philadelphia

Dear Secretary Chiavetta:

Enclosed please find the original and two (2) copies of the Philadelphia Gas Works Application for approval of the alteration of the separated rail/highway crossing where University Avenue crosses below AMTRAK in the City of Philadelphia.

Once I receive notification of the PA PUC Docket number, I will serve all interested parties and file the Certification with the Commission.

Respectfully,

Gerald T. Clark  
Senior Attorney  
Philadelphia Gas Works  
800 West Montgomery Avenue  
Philadelphia, PA 19122  
(215) 684-6642  
[Gerald.Clark@pgworks.com](mailto:Gerald.Clark@pgworks.com)

Enc.

Tel: 215-684-6642 Fax: 215-684-6798 [gerald.clark@pgworks.com](mailto:gerald.clark@pgworks.com)

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PENNSYLVANIA PUBLIC UTILITY COMMISSION

JUL 22 2013

IN RE:

Application of Philadelphia Gas Works : Application  
 for approval of the alteration of the :  
 rail/highway crossing where University : No. A-2013-  
 Avenue, SR 3004 (City Bridge :  
 Number 604) crosses below the :  
 railroad bridge of National Railroad :  
 Passenger Corporation located in the :  
 City of Philadelphia. :

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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APPLICATION

1. The Applicant is Philadelphia Gas Works, 800 West Montgomery Avenue, Philadelphia, Pennsylvania 19122.
2. The name and address of the Applicant's attorney is Gerald T. Clark, Senior Attorney, Philadelphia Gas Works, 800 West Montgomery Avenue, Philadelphia, PA 19122.
3. Philadelphia Gas Works is a municipally owned gas utility owned by the City of Philadelphia.
4. Philadelphia Gas Works is seeking authorization to install a new four inch (4") high pressure gas main within the public right of way of University Avenue (S.R. 3003) and beneath the railroad bridge of National Railroad Passenger Corporation (City of Philadelphia Bridge Number (604) in the City of Philadelphia.
5. Philadelphia Gas Works has been informed that the railroad bridge is owned and maintained by National Railroad Passenger Corporation.
6. Philadelphia Gas Works has been informed that in addition to National Railroad Passenger Corporation, Southeastern Pennsylvania Transportation Authority, CSX, Norfolk Southern and Conrail operate or have the right to operate at this rail/highway crossing.

7. The 4" gas main is a new facility at the rail/highway crossing.
8. The proposed 4" gas main will tie into an existing gas facility within the public right of way of University Avenue approximately 85 feet west of the rail/highway crossing and extend with the public right of way of University Avenue to a building approximately 250 feet east of the crossing.
9. The proposed new 4" gas main will be encased in an 8" casing pipe within the area of the rail/highway crossing.
10. The proposed top of the 8" casing pipe with the 4" gas main will be three feet, six inches (3'-6") beneath the surface of the public right of way. The vertical clearance from the roadway of the public right of way to the underside of the railroad bridge is fifteen feet eight inches (15'-8"). The total vertical distance between the top of the carrier pipe and the underside of the bridge is nineteen feet, two inches (19'-2").
11. The proposed gas main at the rail/highway crossing will be supply gas service to the property 600 University Avenue, Philadelphia, PA.
12. The total estimated cost for the installation of the new gas main including the area at the beneath National Railroad Passenger Corporation is \$150,000.
13. All initial and final costs associated with construction of the proposed 4" gas main and 8" casing pipe, including the installation beneath the railroad bridge over University Avenue will be paid by Philadelphia Gas Works.
14. No clearance exceptions are required.
15. No relocation of any carrier or non-carrier facilities will be required by this application.
16. All work associated with this application will be completed on or before December 31, 2014.

17. Philadelphia Gas Works agrees to maintain, all new gas facilities within the jurisdiction of the Commission at its sole cost and expense
18. Upon the completion of the construction, Philadelphia Gas Works requests that the railroad and non-railroad utilities maintain their respective facilities within the geographic limits of this Application.
19. The following entities are or may be affected by the alteration of the rail/highway crossing by the installation of the new gas main.
  - a. National Passenger Railroad Corporation  
Engineering Department  
30<sup>th</sup> Street Station  
4<sup>th</sup> Floor, South Tower  
Box 64  
2955 Market Street  
Philadelphia, PA 19104  
Attention Earl Watson, PE
  - b. Southeastern Pennsylvania Transportation Authority  
Engineering Department  
13<sup>th</sup> Floor  
1234 Market Street  
Philadelphia, PA 19107
  - c. CSX Railroad  
Engineering Division  
500 Water Street  
Jacksonville, Florida 32202
  - d. Norfolk Southern Railroad  
Engineering Division  
3 Commercial Place  
Norfolk, Virginia 23510
  - e. Consolidated Rail Corporation  
1717 Arch Street  
13<sup>th</sup> Floor  
Philadelphia, PA 19103
  - f. City of Philadelphia  
Law Department

16<sup>th</sup> Floor, One City Plaza  
1515 Arch Street  
Philadelphia, PA 19102

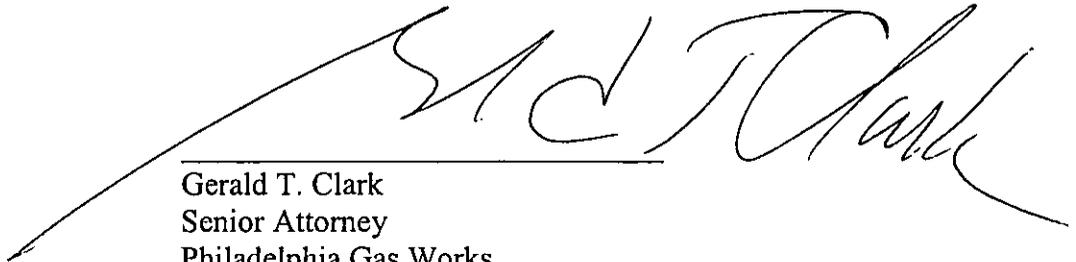
- g. PECO Energy  
Legal Department  
2301 Market Street  
P.O. Box 8699  
Philadelphia, PA 19101-8699
- h. Verizon  
900 Race Street  
Philadelphia, PA 19107  
Attention: David Huffnagle
- i. Pennsylvania Department of Transportation  
ROW & Utility Division  
Bureau of Design  
P.O. Box 3362  
Harrisburg, PA 17105-3362
- j. Pennsylvania Department of Transportation  
Office of Chief Counsel, 9<sup>th</sup> Floor  
P.O. Box 8212  
Harrisburg, PA 17105-8212  
Attention: Gina M. D'Alfonso, Assistant Counsel in Charge
- k. PennDOT District 6-0  
700 Geerdes Boulevard  
King of Prussia, PA 19406  
Attention: Mary Lang
- l. University of Pennsylvania  
Facilities and Real Estate Services  
3101 Walnut Street  
Philadelphia, PA 19104-6289  
Attention: Ken Ogawa, P.E. Executive Director of Operations

20. Attached to this Application is a copy of the final plans NBMS – 1170 (sheets 1-4) for the construction of the proposed 4” gas main and 8” casing pipe at the rail/highway crossing.

WHEREFORE, the Applicant Philadelphia Gas Works respectfully requests that the Commission:

1. Conduct a field conference as promptly as possible if required.
2. Approve the attached final plan.
3. Authorize the alteration of the rail/highway crossing as proposed by this Application and the attached final plan.

Respectfully Submitted

A handwritten signature in black ink, appearing to read "Gerald T. Clark", is written over a horizontal line. The signature is fluid and cursive.

Gerald T. Clark  
Senior Attorney  
Philadelphia Gas Works  
800 West Montgomery Avenue  
Philadelphia, PA 19122  
(215) 684-6642  
Attorney for Philadelphia Gas Works

# VERIFICATION

I, Dennis Reichert, hereby state that the facts above set forth are true and correct (or are true and correct to the best of my knowledge, information and belief) and that I expect to be able to prove the same at a 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).

Date: 2/10/2012

Dennis Reichert

## RECEIVED

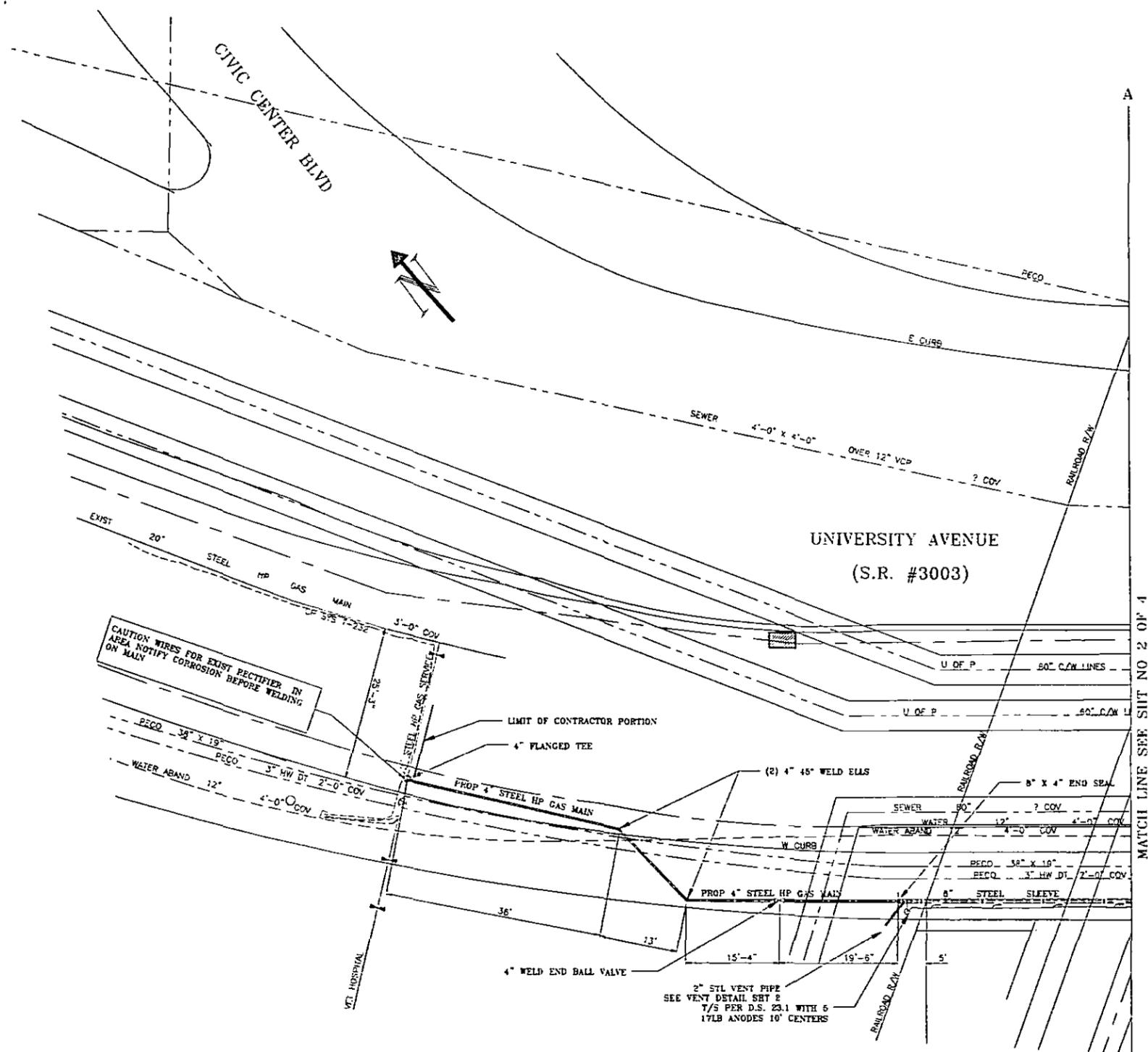
JUL 22 2013

PA PUBLIC UTILITY COMMISSION  
SECRETARY'S BUREAU

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PLAN  
 SCALE: 1"=10'-0"

ITEM	DESCRIPTION OF MATERIAL	QTY.
1	4" PLASTIC PIPE	353'
2	4" STEEL PIPE	363'
3	2" STEEL PIPE	40'
4	8" STEEL PIPE SLEEVE	288'
5	4" MUELLER FLANGED TEE	1
6	4" POST-HOLD CLPG	1
7	4" 45° PLASTIC ELL	4
8	4" BUTT-FUSION TEE	1
9	4" BUTT-FUSION CAP	1
10	4" BUTT-FUSION VALVE	1
11	4" WELD END BALL VALVE	1
12	4" TRANSITION FITTING	1
13	4" BALL VALVE ANSI 150	1
14	4" BLIND FLANGE ANSI 150	1
15	8" X 4" END SEALS	2
16	8" X 4" CASING INSULATORS	28
17	2" 90° WELD ELL	8
18	2" SCREEN	2
19	8" X 2" WELDOLET	2
20	BUFFALO BOX	5
21	10 17LB ANODES	10
22	#8 WIRE BLACK & RED	200' EA

NOTES:  
 1. LOCATION OF EXISTING UTILITIES VERIFIED BY JIM BOCHANSKI  
 2. RAILROAD CROSSING REQUIRES PUC APPLICATION & AMTRAK APPROVAL  
 3. BEFORE STARTING CONSTRUCTION VERIFY LIABILITY INSURANCE AND SAFETY TRAINING WITH AMTRAK.

PIPE INSTALLED

PCW/ CONTRACTOR	LENGTH	SIZE	MATERIAL	PRESSURE	MAIN/SERVICE	ACCOUNT	SUB-ACCOUNT
CONTRACTOR	145'	4"	PLASTIC	HP	MAIN	410984	01
CONTRACTOR	358'	4"	STEEL	HP	MAIN	410984	07
CONTRACTOR	166'	4"	PLASTIC	HP	SERVICE	410984	06
CONTRACTOR	288'	8"	STEEL		SLEEVE	410984	
PGW			TAPPING TEE			410984	

TOTAL SERVICES

SIZE	NEW	RE-CONNECT
1 1/2" & SMALLER		
2" & LARGER	1	

NEW BUSINESS CUSTOMER APPROVAL

DATE: \_\_\_\_\_

NAME PRINTED: \_\_\_\_\_

NAME SIGNED: \_\_\_\_\_

MAIN/SERVICE LOCATION IS CRITICAL, IF CHANGE IS REQUIRED:

CONTACT: DENNIS REICHERT

AT PHONE#: 215-684-6479



NOTIFICATION LIST

SEPTA	LOCATION	TELEPHONE	FAX NO.	EMAIL NO.
SEPTA	300 V. WYOMING AVE	482-4333 OR 4368		20123171467
FARMINGTON PARK COMMISSION	F. FARMINGTON PARK			

DISTRIBUTION SERVICE STANDARD REQUIREMENTS

	D.S.	OTHER
MAIN CONNECTION	55.1	
VALVE	55.2	
HEAD OF SERVICE FITTING	55.3	
ANODE	NR	
BENT OR FABRICATED RISER	55.5	
STRAIGHT SLEEVE	NR	
DAMAGE PREVENTION	55.0	
SEORING	15.0	

PIPE INSTALLED BY BLOCK HUNDRED

STREET NAME	BLOCK HUNDRED	MATERIAL	FOOTAGE
UNIVERSITY AVE	600	PLASTIC	248'
UNIVERSITY AVE	600	STEEL	278'

TIE-IN DATA

LABEL	SIZE	LOCATION
A	4"	UNIVERSITY AVE S OF CIVIC CENTER BLDG

NEW BUSINESS  
 MAIN & SERVICE INSTALLATION  
 600 UNIVERSITY AVE  
 SR 3003

PHILADELPHIA GAS WORKS  
 DISTRIBUTION DEPT PHILADELPHIA, PA

DATE: 2/19/13 CORROSION DESIGN WXP 2/19/13 DATE: 1/8/13 PGM N4-30.40 EPS #

SCALE AS NOTED NAMS ORDER # DATE: 1/8/13 PGM N4-30.40 EPS #

DRAWN BY: LDS APPROVED: S.R. 2/22/13 DATE: 2/22/13

CHECKED BY: JGB APPROVED: JGB DATE: 2/22/13

TABLE OF REVISIONS  
 USE ONLY PRINTS SHOWING LATEST REVISIONS

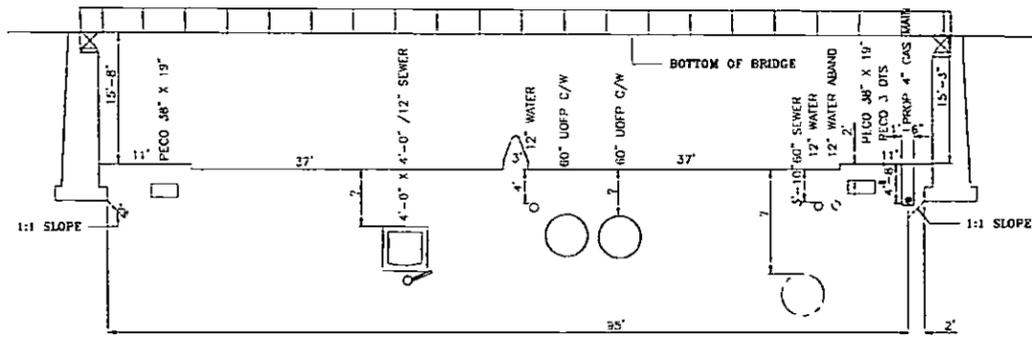
NBMS-1170  
 1 OF 4



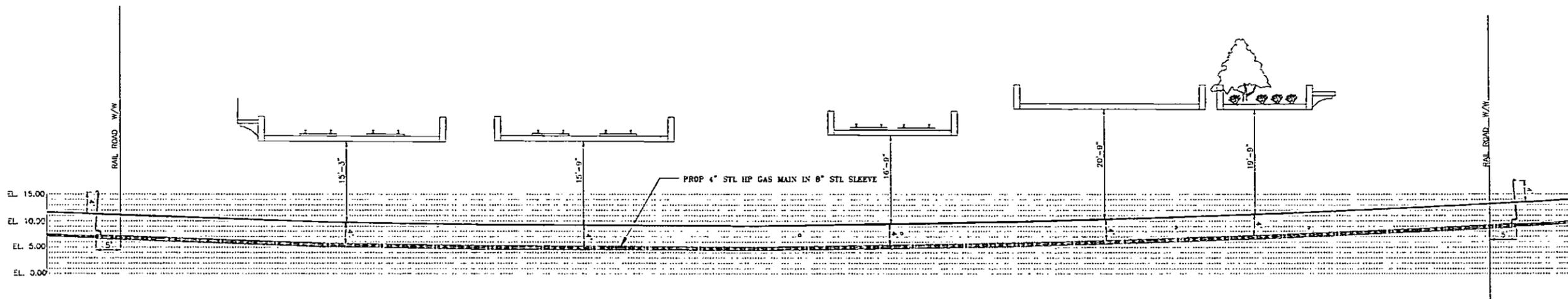


PIPE DATA SHEET  
(FOR CROSSINGS AND LONGITUDINAL OCCUPANCY)

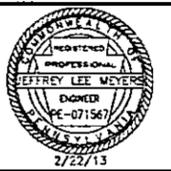
	PIPE DATA	
	CARRIER PIPE	CASING PIPE
CONTENTS TO BE HANDLED	NATURAL GAS	STEEL
NORMAL OPERATING PRESSURE	10-35 PSIG	10-35 PSIG
NOMINAL SIZE OF PIPE	4"	8"
OUTSIDE DIAMETER	4.5"	8.625"
INSIDE DIAMETER	4.02"	7.98"
WALL THICKNESS	0.237"	0.322"
WEIGHT PER FOOT	10.73 LB/FT	28.56 LB/FT
MATERIAL	STEEL	STEEL
PROCESS OF MANUFACTURE	ERW	ERW
SPECIFICATION	SCHEDULE 40/APL 5L	SCHEDULE 40/APL 5L
GRADE OR CLASS	GRADE B	GRADE B
TEST PRESSURE	90 PSIG	N/A
TYPE OF JOINT	WELDED	WELDED
TYPE OF COATING	PRITEC	PRITEC
DETAILS OF CATHODIC PROTECTION	RECTIFIER	MAGNESIUM ANODE
DETAILS OF SEALS OR PROTECTION AT ENDS OF CASING	END SEALS	END SEALS
METHOD OF INSTALLATION	OPEN CUT	OPEN CUT
CHARACTER OF SUBSURFACE MATERIAL AT THE CROSSING LOCATION	NA	NA
APPROXIMATE GROUND WATER LEVEL	NA	NA
SOURCE OF INFORMATION ON SUBSURFACE CONDITIONS (BORINGS, TEST PIT OR OTHER)	NA	NA



SECTION A-A  
BRIDGE NO. 8932  
SCALE: 1"=10'-0"



PROFILE  
SCALE: 1"=10'-0"



CERTIFICATE OF SERVICE

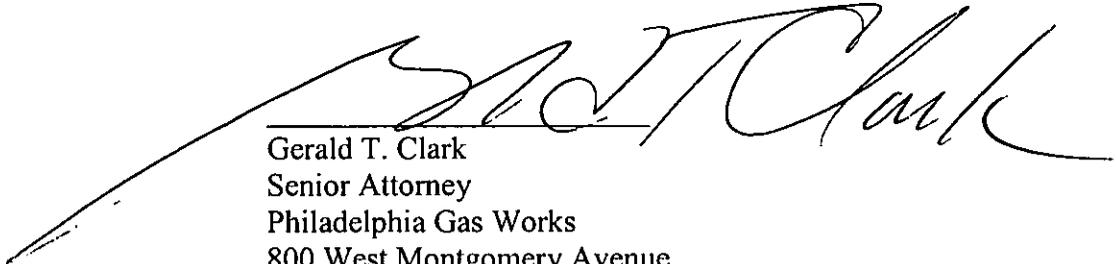
I, Gerald T. Clark, Senior Attorney, Philadelphia Gas Works, hereby certify that on July 18, 2013, I did mail by regular U.S. Mail, postage prepaid, one copy of my Application for Alteration of Rail/Highway Crossing in Application Docket No to each person or party listed below.

- a. National Passenger Railroad Corporation  
Engineering Department  
30<sup>th</sup> Street Station  
4<sup>th</sup> Floor, South Tower  
Box 64  
2955 Market Street  
Philadelphia, PA 19104  
Attention Earl Watson, PE
- b. Southeastern Pennsylvania Transportation Authority  
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Engineering Division  
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- d. Norfolk Southern  
Engineering Division  
3 Commercial Place  
Norfolk, Virginia 23510
- e. Consolidated Rail Corporation  
1717 Arch Street  
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- f. City of Philadelphia  
Law Department  
16<sup>th</sup> Floor, One City Plaza  
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- g. PECO Energy  
Legal Department

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P.O. Box 8699  
Philadelphia, PA 19101-8699

- h. Verizon  
900 Race Street  
Philadelphia, PA 19107  
Attention: David Huffnagle
  
- i. Pennsylvania Department of Transportation  
ROW & Utility Division  
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P.O. Box 3362  
Harrisburg, PA 17105-3362
  
- j. Pennsylvania Department of Transportation  
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P.O. Box 8212  
Harrisburg, PA 17105-8212  
Attention: Gina M. D'Alfonso, Assistant Counsel in Charge
  
- k. PennDOT District 6-0  
700 Geerdes Boulevard  
King of Prussia, PA 19406  
Attention: Mary Lang
  
- l. University of Pennsylvania  
Facilities and Real Estate Services  
3101 Walnut Street  
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Attention: Ken Ogawa, P.E. Executive Director of Operations



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ZIP CODE 19104

Amanda N. Eagle  
Pennsylvania Public Utility Commission  
Secretary's Bureau  
Legal Assistant 2  
2<sup>nd</sup> Floor Keystone Building, Box 3265  
Harrisburg, PA 17105

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