

June 27, 2014

**Via Electronic Filing**

Ms. Rosemary Chiavetta, Esquire  
Secretary  
Pennsylvania Public Utility Commission  
Commonwealth Keystone Building  
P.O. Box 3265  
Harrisburg, PA 17105

**Re: Docket No. A-2014-2425994  
Application of PECO: Stenton Avenue above-grade crossing  
Revised Plans**

Dear Secretary Chiavetta:

Enclosed for filing is the Revised Plans of PECO Energy Company ("PECO") regarding the installation of gas facilities in the above-grade crossing at Stenton Avenue, Whitmarsh Township, Montgomery County. The Revised Plans are in response to the comments of AECOM, on behalf of the Norfolk Southern Railway.

As indicated on the Certificate of Service, a copy of PECO's Revised Plans has been provided to the Service List in the manner indicated.

If there are any questions, please do not hesitate to contact me.

Very truly yours,

Reger Rizzo & Darnall LLP



Margaret A. Morris, Esquire

Enclosure

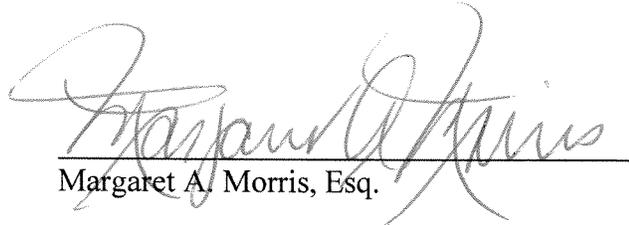
cc: Service List  
Ward Smith, Esq., Exelon Business Services Group  
Moises Young, AECOM, via email, [Moises.Young@aecom.com](mailto:Moises.Young@aecom.com)  
Andrew Reed, PUC,TUS, via email, [andreed@pa.gov](mailto:andreed@pa.gov)  
Goerge DiCarlantonio, PUC,TUS, via email, [gdicarlant@pa.gov](mailto:gdicarlant@pa.gov)

**Re: Docket No. A-2014-2425994  
Application of PECO: Stenton Avenue above-grade crossing  
Revised Plans**

**CERTIFICATE OF SERVICE**

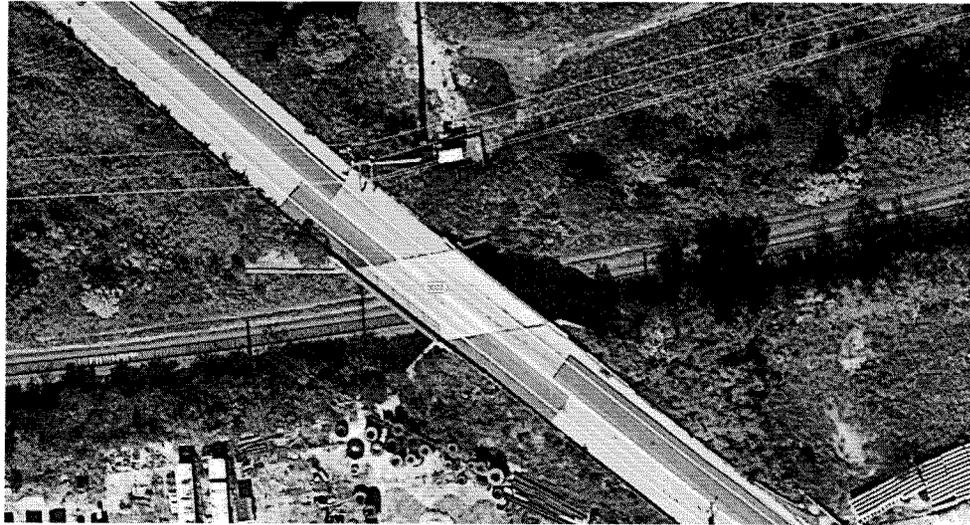
I hereby certify that a true and correct copy of the foregoing document has been served upon the following person on the attached service list, in the manner indicated, in accordance with the requirements of §1.54 (relating to service by a participant).

Dated: June 27, 2014

  
Margaret A. Morris, Esq.



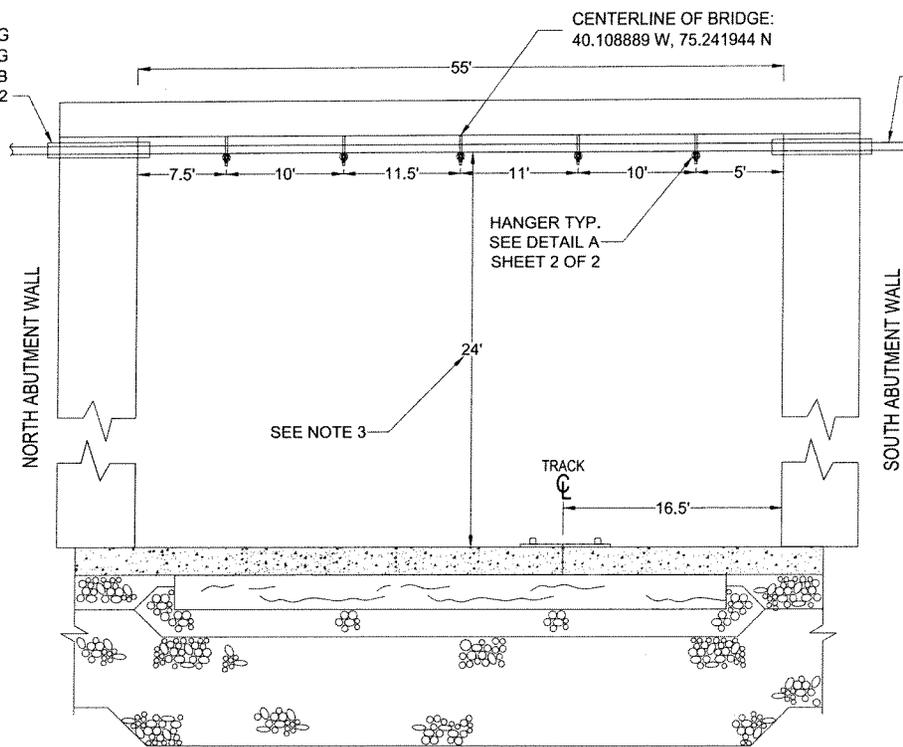
# 8" GAS MAIN STENTON AVENUE BRIDGE CROSSING



## DRAWING LIST

STENTON-BRG-00	COVER SHEET
STENTON-BRG-01	BRIDGE ELEVATION VIEW
STENTON-BRG-02	BRIDGE DETAILS
STENTON-BRG-03	SITE VISIT PHOTOS
STENTON-BRG-04	HANGER ALIGNMENT VIEW

EXISTING  
12" CASING  
SEE DETAIL B  
SHEET 2 OF 2



CENTERLINE OF BRIDGE:  
40.108889 W, 75.241944 N

PROPOSED 8" CARBON STEEL PIPELINE

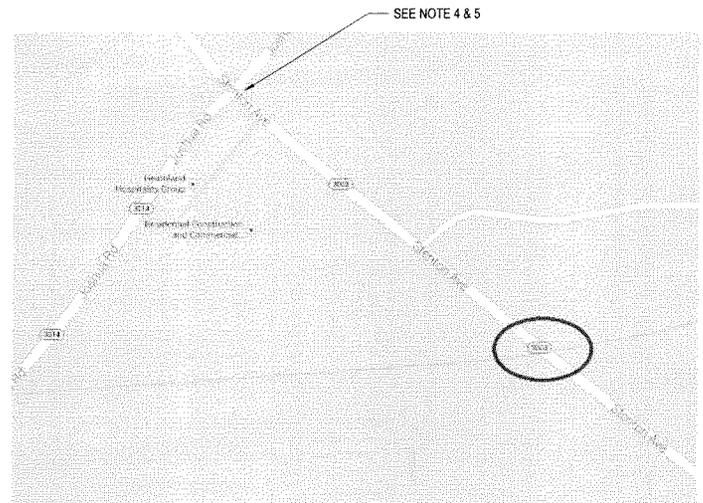
HANGER TYP.  
SEE DETAIL A  
SHEET 2 OF 2

SEE NOTE 3

TRACK

NORTH ABUTMENT WALL

SOUTH ABUTMENT WALL



VICINITY MAP

**ELEVATION VIEW**

Scale: N.T.S.

(LOOKING EAST)

**NOTES:**

1. CONTRACTOR TO INSTALL 8" PIPELINE ACROSS EXISTING HANGERS.
2. THIS SET OF DRAWINGS IS ISSUED FOR PERMIT TO NORFOLK SOUTHERN FOR CONTRACTORS SCOPE OF WORK IN RAILROAD RIGHT OF WAY.
3. THIS HEIGHT EXCEEDS THE MINIMUM REQUIREMENT OF 23 FEET PER NSCE-8 SPECIFICATION DATED MAY 16, 2001.
4. EMERGENCY SHUT OFF VALVE LOCATED AT INTERSECTION OF JOSHUA RD. AND STENTON AVENUE. 12" ROCKWELL NORSTROM GEAR VALVE.
5. ONLY ONE GAS SUPPLY. SINGLE EMERGENCY SHUT OFF VALVE IS SUFFICIENT TO STOP GAS OVER RAILROAD ROW.

ALLAN CORPUS, P.E.  
PROFESSIONAL ENGINEER  
PA. LIC. NO. PE006806

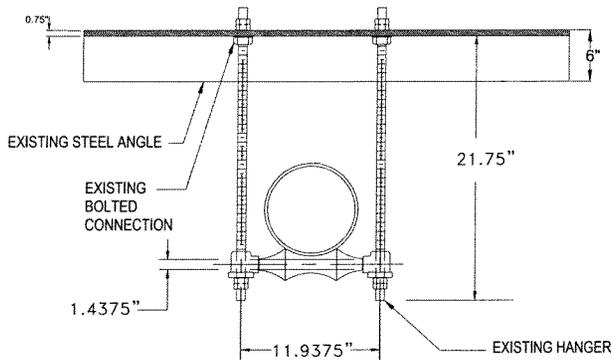


REVISIONS				APPROVALS		DATE	BY
NO.	REVISIONS	DATE	BY	DATE	BY	DATE	BY
A	ISSUE FOR FIELD SURVEY	5/19/14	FZ	JBO	FZ	5/15/14	JBO
B	POST FIELD SURVEY	6/5/14	FZ	JBO	GW	6/5/14	JBO
C	POST PECO REVIEW	6/24/14	FZ	JBO	GW	6/24/14	JBO
					GW		JBO
					J.M. ANTONIO		GW

**HENKELS & INFROY**  
ENGINEERS AND ARCHITECTS  
PERFORMANCE: Best built and best value.

**PECO**  
PECO 8" GAS MAIN  
STENTON AVENUE BRIDGE CROSSING  
MONTGOMERY COUNTY, PA

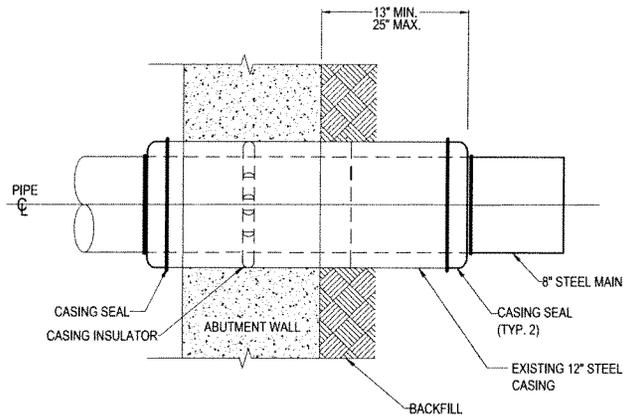
DATE	PROJECT NO.	PROJECT BY	SCALE
6/24/14	AS NORRIS-KASO-1664	STENTON-BRG-01	1 OF 4



**DETAIL 'A'  
PIPE HANGER**

BILL OF MATERIALS	
ITEM	DESCRIPTION
PIPE ROLLER	B3114-8 CAST IRON AND STEEL ROLLER
THREADED ROD	(2)-.875" THREADED RODS
NUTS	(8)-.875" NUTS

LOAD TABLE	
LOAD TYPE	MAX LOAD (LBS)
DEAD LOAD FOR 8" MAIN	354.28



**DETAIL 'B'  
CASING SEAL**

BILL OF MATERIALS	
ITEM	DESCRIPTION
CASING INSULATOR	PSI MODEL PE OR EQUAL
CASING	12" DIAMETER STEEL
CASING SEAL	PSI MODEL S OR EQUAL
GAS MAIN	API-5L, 8" DIAMETER CARBON STEEL, PRIME AND WRAP (PRITEC)

**NOTES:**

1. CONTRACTOR TO INSPECT PIPE HANGERS FOR SUITABILITY.
2. USE BILL OF MATERIALS TABLE IF NECESSARY.
3. WELDS TO BE COATED USING UV INHIBITED SHRINK SLEEVES.
4. CARRIER PIPE IS PRITEC COATED. CARRIER PIPE IS ISOLATED FROM ABUTMENT WALL SLEEVE USING ISOLATED SPACERS. PIPE END SEALS ARE INSTALLED ON SLEEVES TO KEEP WATER AND DEBRIS AWAY FROM PIPE TO SLEEVE INTERFACE. SEE DETAIL ON PLANS.
5. MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP) = 99 PSI AND SPECIFIED MINIMUM YIELD STRESS (SMYS) = 24,000 PSI. SEE PIPE DATA SHEET.

ALLAN CORPUS, P.E.  
PROFESSIONAL ENGINEER  
PA. LIC. NO. PE068905E



REVISIONS		APPROVALS		SCALE PLAN	
NO.	DESCRIPTION	DATE	BY	DATE	BY
A	ISSUE FOR FIELD SURVEY	5/19/14	FZ	JSD	SCALE: AS SHOWN
B	POST FIELD SURVEY	6/5/14	FZ	JSD	SCALE: AS SHOWN
C	POST PECO REVIEW	9/24/14	FZ	JSD	



PECO 8" GAS MAIN  
STENTON AVENUE BRIDGE CROSSING  
MONTGOMERY COUNTY, PA

PROJECT: PECO 8" GAS MAIN STENTON AVENUE BRIDGE CROSSING MONTGOMERY COUNTY, PA



