

June 27, 2014

**Via Electronic Filing – Re-filed with Service List**

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:

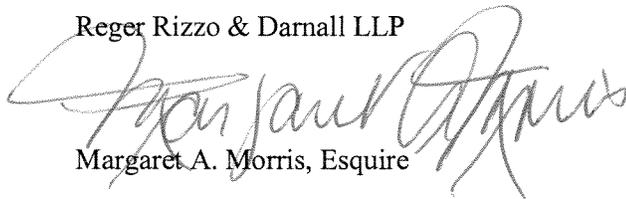
Enclosed for filing is the Revised Plans of PECO Energy Company (“PECO”) regarding the installation of gas facilities in the above-grade crossing at Stenton Avenue, Whitemarsh Township, Montgomery County. The Revised Plans are in response to the comments of AECOM, on behalf of the Norfolk Southern Railway.

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

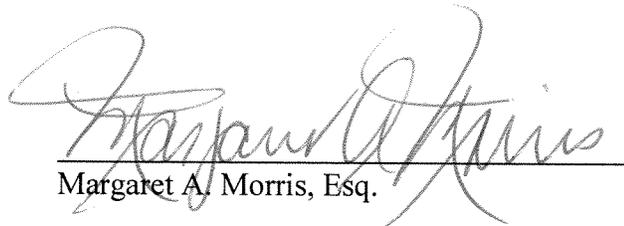
cc: Service List  
Ward Smith, Esq., Exelon Business Services Group  
Moises Young, AECOM, via email, [Moises.Young@aecom.com](mailto:Moises.Young@aecom.com)  
Andrew Reed, PUC,TUS, via email, [andreed@pa.gov](mailto:andreed@pa.gov)  
Goerge DiCarlantonio, PUC,TUS, via email, [gdicarlant@pa.gov](mailto:gdicarlant@pa.gov)

**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.

**Re: Docket No. A-20142425994**  
**Stenton Avenue above-grade crossing**  
**Application of PECO: Stenton Avenue Above grade crossing**  
**Revised Plans**

MARK CHAPPELL PE CHIEF  
ROW & UTILITY DIVISION  
PENNDOT BUREAU OF DESIGN  
PO BOX 3362  
HARRISBURG PA 17105-3362

GINA M. D'ALFONSO ATTORNEY  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF CHIEF COUNSEL 9<sup>TH</sup> FLOOR  
PO BOX 8212  
HARRISBURG PA 17105-8212

LESTER C TOASO  
PENNDOT DISTRICT 6-0  
ATTN: SONNY BOCCHINFUSO  
7000 GEERDES BOULEVARD  
KING OF PRUSSIA PA 19406

FRANCES P ORTH, ESQUIRE  
AQUA PENNSYLVANIA INC  
762 WEST LANCASTER AVENUE  
BRYN MAWR PA 19010-3489

SHAWN SCANLON - NETWORK  
SUPERVISOR  
PA-AMERICAN WATER CO  
171 WEST JOHNSON HIGHWAY  
NORRISTOWN PA 19404-0871

LEO BAGLEY  
MONTGOMERY CO PLANNING  
COMMISSION  
1 MONTGOMERY PLAZA - SUITE 201  
PO BOX 311  
NORRISTOWN PA 19404-0311

MONTGOMERY COUNTY  
COMMISSIONERS  
JOSH SHAPIRO, CHAIR  
ONE MONTGOMERY PLAZA, SUITE 800  
NORRISTOWN, PA 19404

BOARD OF SUPERVISORS  
WHITEMARSH TOWNSHIP  
SARA J. ERLBAUM, CHAIR  
616 GERMANTOWN PIKE  
LAFAYETTE HILL, PA 19444

MICHAEL STOCKER, PROJECT MGR  
COMCAST CABLE COMMUNICATIONS  
190 SHOEMAKER ROAD  
POTTSTOWN PA 19464

RANDAL S NOE, ESQUIRE  
NORFOLK SOUTHERN CORPORATION  
THREE COMMERCIAL PLACE  
NORFOLK VA 23510

PETER B. CORNOG, CHAIR  
WHITEMARSH TOWNSHIP  
PLANNING COMMISSION  
616 GERMANTOWN PIKE  
LAFAYETTE HILL, PA 19444

J N CARTER, CHIEF ENGINEER  
NORFOLK SOUTHERN RAILWAY CO  
BRIDGES & STRUCTURES DEPT, BOX142  
1200 PEACHTREE STREET NE  
ATLANTA GA 30309-3579

DEAN BOYERS  
VERIZON BUSINESS  
ATTN: INVESTIGATIONS  
2400 NORTH GLENVILE DRIVE  
RICHARDSON, TX 75082

STEVE ALTOBELLI  
AT&T LOCAL SERVICES  
c/o TREC GROUP, INC.  
536 BALTIMORE PIKE  
SPRINGFIELD, PA 19064

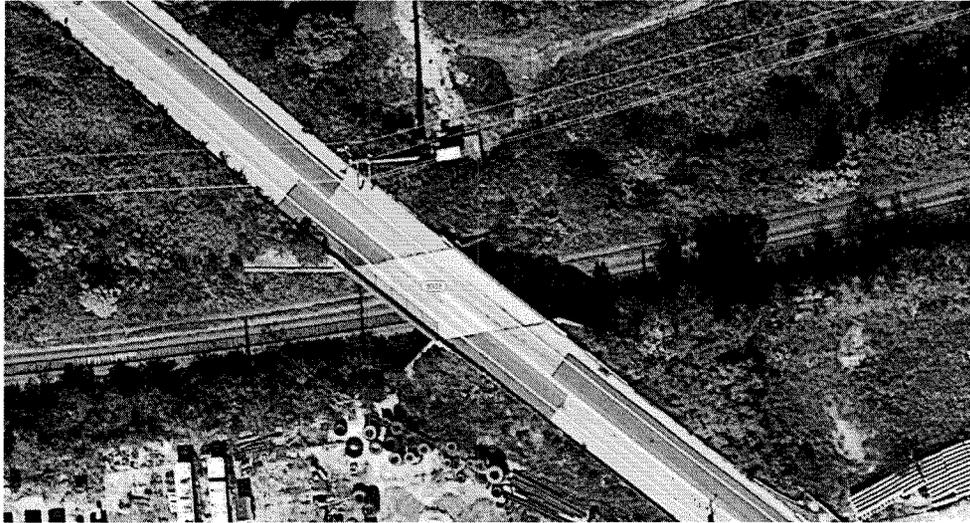
CHRIS RICCIUTI  
ABOVENET COMMUNICATIONS INC  
170 ROBBINS ROAD  
DOWNTOWN, PA 19335

DEIDRE JOHNS  
VERIZON PENNSYLVANIA INC  
180 SHEREE BOULEVARD SUITE 2100  
EXTON, PA 19341

SCOTT DREILING, PROJECT MANAGER  
XO COMMUNICATIONS  
1220 BROADCASTING ROAD, SUITE 201  
WYOMISSING, PA 19610



# 8" GAS MAIN STENTON AVENUE BRIDGE CROSSING



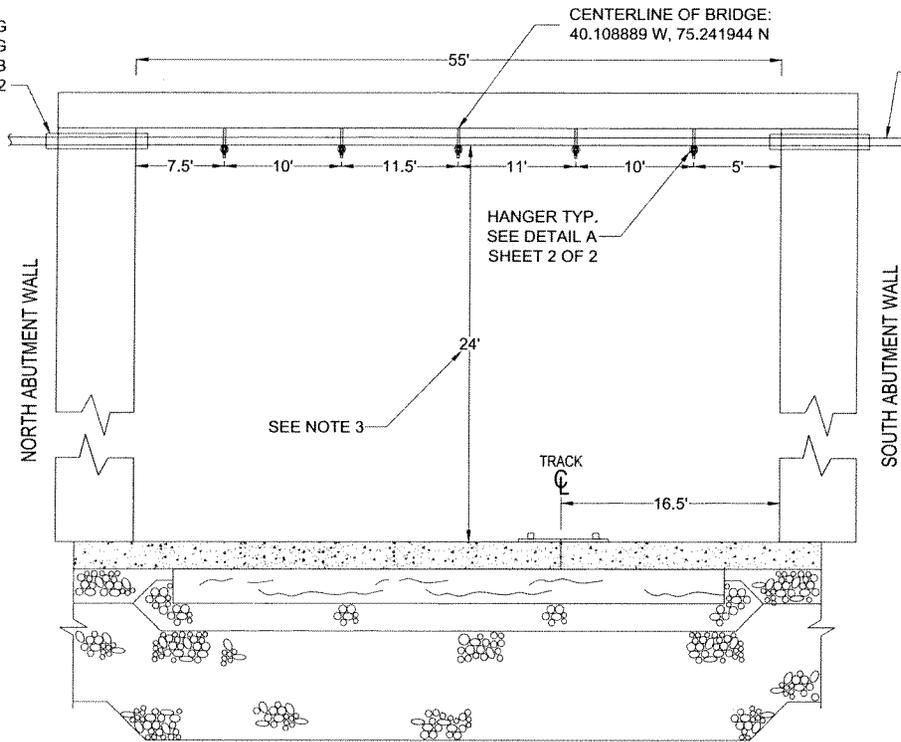
## DRAWING LIST

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



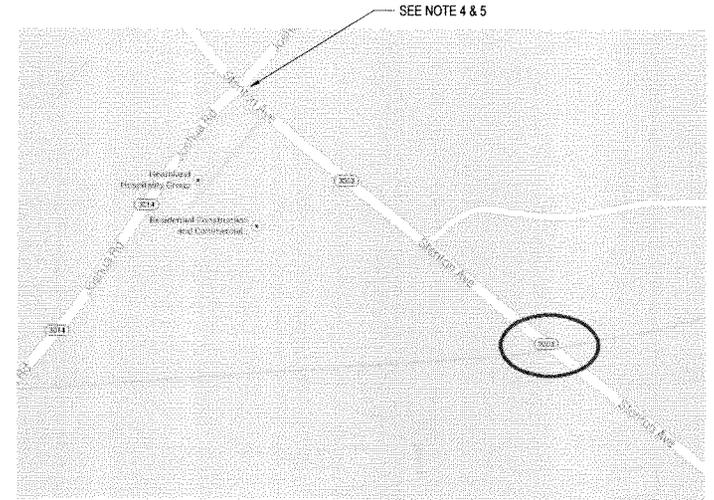
**PERFORMANCE** has built our business. . .

EXISTING  
12" CASING  
SEE DETAIL B  
SHEET 2 OF 2



### ELEVATION VIEW

Scale: N.T.S.  
(LOOKING EAST)



### VICINITY MAP

**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. PE06995E



REVISIONS					
NO.	DESCRIPTION	DATE	DESIGN	CHK.	APPR.
A	ISSUE FOR FIELD SURVEY	5/19/14	FZ	JBD	
B	POST FIELD SURVEY	6/9/14	FZ	JBD	
C	POST PECO REVIEW	6/26/14	FZ	JBD	

APPROVALS		SCALE PLAN	N.T.S.
DESIGNED BY	DATE	SCALE PROFILE IN N.T.S.	SCALE PROFILE IN N.T.S.
FZ	5/15/14		
CHKD BY	DATE		
JBD			
ENGR. APPROVAL	DATE	CLIENT APPROVAL	DATE

**PERFORMANCE** has built our business.

**FIENKELS & MCJOY**  
ENGINEERS AND CONTRACTORS

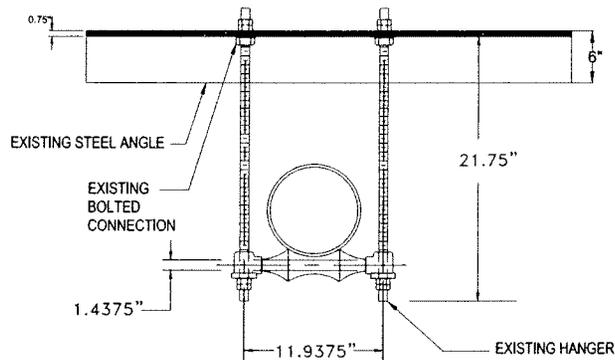
**PECO**  
ENERGY SERVICES

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

SCALE: 1" = 10'-0" (HORIZONTAL)  
AS NOTED (VERTICAL)

DRAWING NO: STENTON-BRG-D  
SHEET NO: 1 OF 4

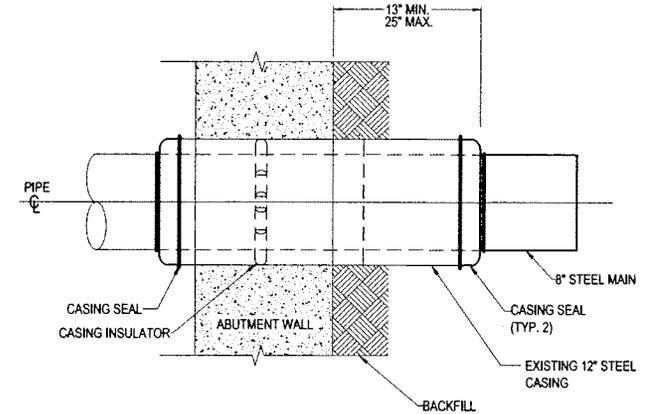
P:\Projects\2014\PECO\Stenton Ave Bridge\04 - Elevation and Vicinity Map\04 - Elevation and Vicinity Map.dwg (REV) 1/14/14



**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. PE000006



REVISIONS				APPROVALS		PERFORMANCE		PROJECT INFORMATION	
NO.	REVISION	DATE	BY	CHKD.	DATE	SCALE	PROJECT NO.	DESIGN NO.	SHEET NO.
A	ISSUE FOR FIELD SURVEY	5/19/14	FZ	JBO					
B	POST FIELD SURVEY	6/24/14	FZ	JBO					
C	POST PECO REVIEW	6/24/14	FZ	JBO					

SCALE PLAN	N.T.S.
SCALE PROFILE	N.T.S.
SCALE PROPERTY	N.T.S.

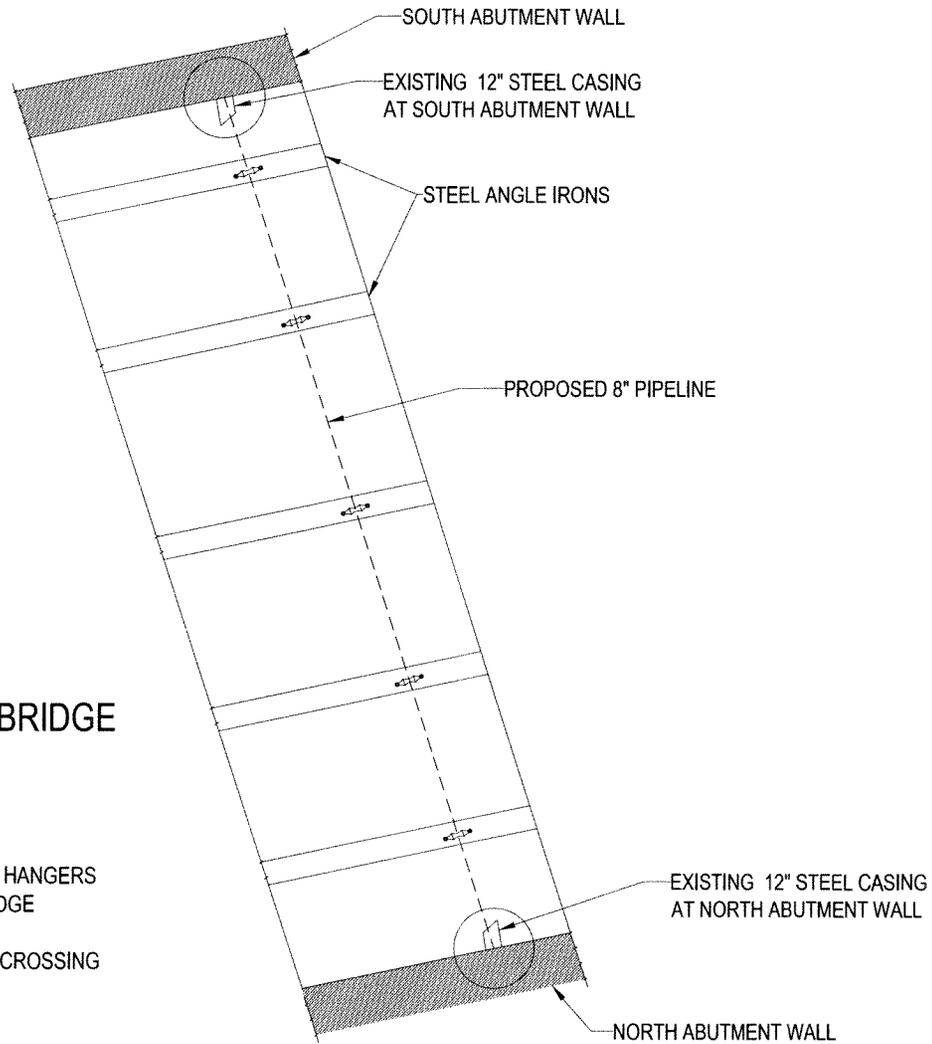
PERFORMANCE	Has built and installed.
PROJECT INFORMATION	PECO 8" GAS MAIN STENTON AVENUE BRIDGE CROSSING MONTGOMERY COUNTY, PA



## VIEW OF HANGER AND CASING ALIGNMENT ON UNDERSIDE OF BRIDGE

### NOTES:

1. IT IS BELIEVED THAT THE CASINGS AND THE PIPE HANGERS ARE NOT ALIGNED. NEED TO OBTAIN PENNDOT BRIDGE DETAILS.
2. TRANSITION FROM ROADWAY PIPING TO BRIDGE CROSSING PIPING TO BE FINALIZED AFTER FURTHER REVIEW.



ALLAN CORPUS, P.E.  
PROFESSIONAL ENGINEER  
PA. LIC. NO. PE068868



REVISIONS					APPROVALS			SCALE PLAN	N.P.S.
REV.	DESCRIPTION	DATE	DESIGN	CHK	APPV	DATE	SCALE	PROJ. N.P.S.	
A	ISSUE FOR FIELD SURVEY	5/19/14	FZ	JBO			AS SHOWN	N.P.S.	
B	POST FIELD SURVEY	6/9/14	FZ	JBO			AS SHOWN	N.P.S.	
C	POST PECO REVIEW	6/24/14	FZ	JBO			AS SHOWN	N.P.S.	

**HENKELS & McCoy**  
ENGINEERS AND ARCHITECTS

**PERFORMANCE** has built our business

**GTI**

**PECO**

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

SCALE: AS SHOWN  
PROJECT NO: STENTON-BRG-24  
SHEET NO: 1 OF 4