US Army Corps of Engineers
Philadelphia District
Wanamaker Building
100 Penn Square East
Philadelphia, PA 19107-3390
ATTN: CENAP-EC-EG

Public Notice

Application No.

CENAP-EC-EG-16-408-02

In Reply Refer to:
Engineering Branch

The US Army Corps of Engineers, Philadelphia District has received an application to alter a US Army Corps of Engineers Civil Works Project, pursuant to 33 USC 408 (Section 408).

The purpose of this notice is to solicit comments and recommendations from the public concerning issuance of a Department of the Army permit for the work described below.

APPLICANT: PennEast Pipeline Company, LLC
1 Meridian Boulevard, Suite 2C01
Wyomissing, PA 19610

AGENT: Sarah K. Binckley, AECOM

Federal Project: Francis E. Walter Dam and Reservoir

LOCATION: Francis E. Walter Dam, White Haven, Luzerne County, Pennsylvania

ACTIVITY: Construction and permanent easement for a 36" natural gas pipeline crossing Francis E. Walter Reservoir. The pipeline will be constructed using open cut methods across the federal government property interests including 444 feet crossing the Lehigh River. The attached plan and profile drawings detail the proposed alignment.

The decision whether to issue a permit will be based on an evaluation of the proposed modification specifically to the authorized federal civil works project to ensure that it is not injurious to the public interest or affect the USACE project's ability to meet its authorized purpose(s).

In addition, a decision on a Section 408 request is a federal action, and therefore subject to the National Environmental Policy Act (NEPA) and other environmental compliance requirements. The decision for work proposed at existing civil works projects includes an evaluation of the probable environmental impacts of that project on Corps owned facilities. The U.S. Army Corps of Engineers, Philadelphia District, will prepare appropriate documentation in accordance with the provisions of the NEPA of 1969, as amended, the Council of Environmental Quality's (CEQ) regulations (40 CFR 1500-1508), and the Corps' Engineering Regulation (ER) 200-2-2, Procedures for Implementing NEPA, 4 March 1988. This process

potentially involves multiple phases and steps that are dependent on an evaluation of the potential impacts of the proposed project with regard to the physical, chemical, and biological characteristics of the aquatic and terrestrial ecosystem, endangered and threatened species, hazardous and toxic materials, aesthetics and recreation, cultural resources, the general needs and welfare of the public, and other considerations. As the potential significant impacts of a project increase, so does the complexity of reaching an agency action.

The Corps of Engineers has jurisdiction under Section 408 only over the specific activities or portions of activities that have the potential to alter a USACE project. Therefore, if the proposed alteration is part of a larger project (and/or its associated features) that extends beyond the USACE project boundaries, the USACE District will determine what portions or features of the larger project USACE has sufficient control and responsibility over to warrant their inclusion in the USACE review. The scope of analysis for both the technical review and NEPA compliance evaluations for the Section 408 review will be limited to the area of the alteration and those adjacent areas that are directly or indirectly affected by the alteration found on USACE property or other easements.

The Corps of Engineers is soliciting comments from the public, Federal, State, and local agencies and officials, Indian Tribes, and other interested parties in order to consider and evaluate the impacts of this proposed activity which involve the federal real estate interest within the USACE project limits. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts to the authorized project.

Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Comments on the proposed work should be submitted via email to the undersigned below, or, in writing, within 60 days to the District Engineer, U.S. Army Corps of Engineers, Philadelphia District, Wanamaker Building, 100 Penn Square East, Philadelphia, Pennsylvania 19107-3390.

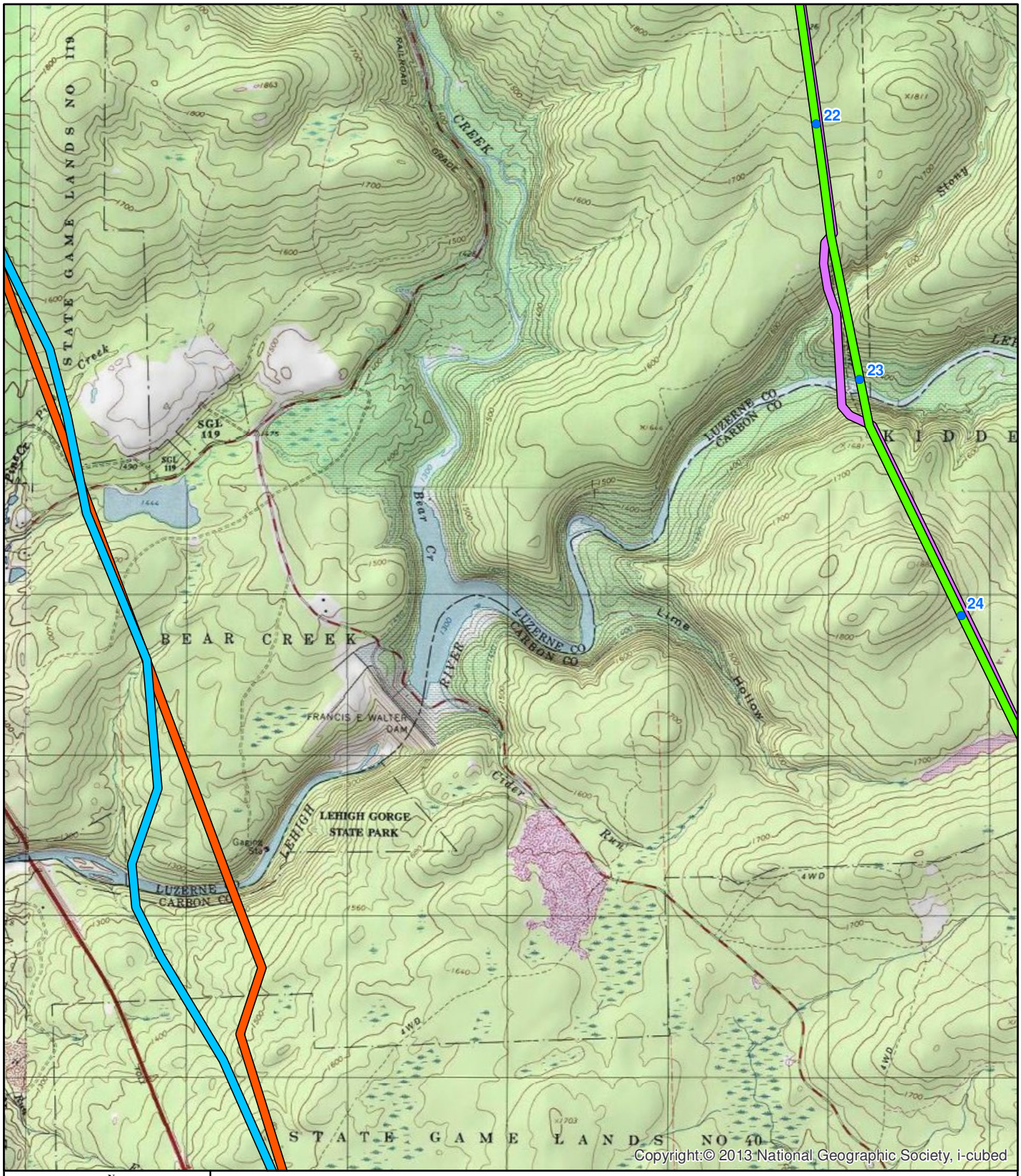
Any person may request, in writing, to the District Engineer, within the comment period specified in this notice, that a public hearing be held to consider this application. Requests for a public hearing shall state in writing, with particularity, the reasons for holding a public hearing.

Additional information concerning this permit application may be obtained by calling Robert Phillips, P.E. at 215-656-6682, via email at robert.w.phillips@usace.army.mil, or writing this office at the above address.

PHILLIPS.ROBERT.W.1380656082

Digitally signed by PHILLIPS.ROBERT.W.1380656082
DN: c=US, o=U.S. Government, ou=DoD, ou=PKI, ou=USA, cn=PHILLIPS.ROBERT.W.1380656082
Date: 2016.04.21 09:04:53 -04'00'

Robert Phillips, P.E.
Section 408 Coordinator



N
W E
S

0 0.15 0.3 0.6 Miles

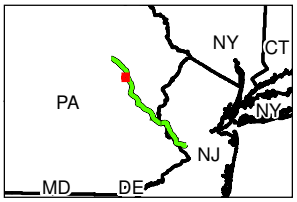
Legend

- Mile Post
- PennEast Proposed Route
- Original Route
- Preferred Route November 2014
- Alternative 2 – Original Route with NJ Loop

TITLE:

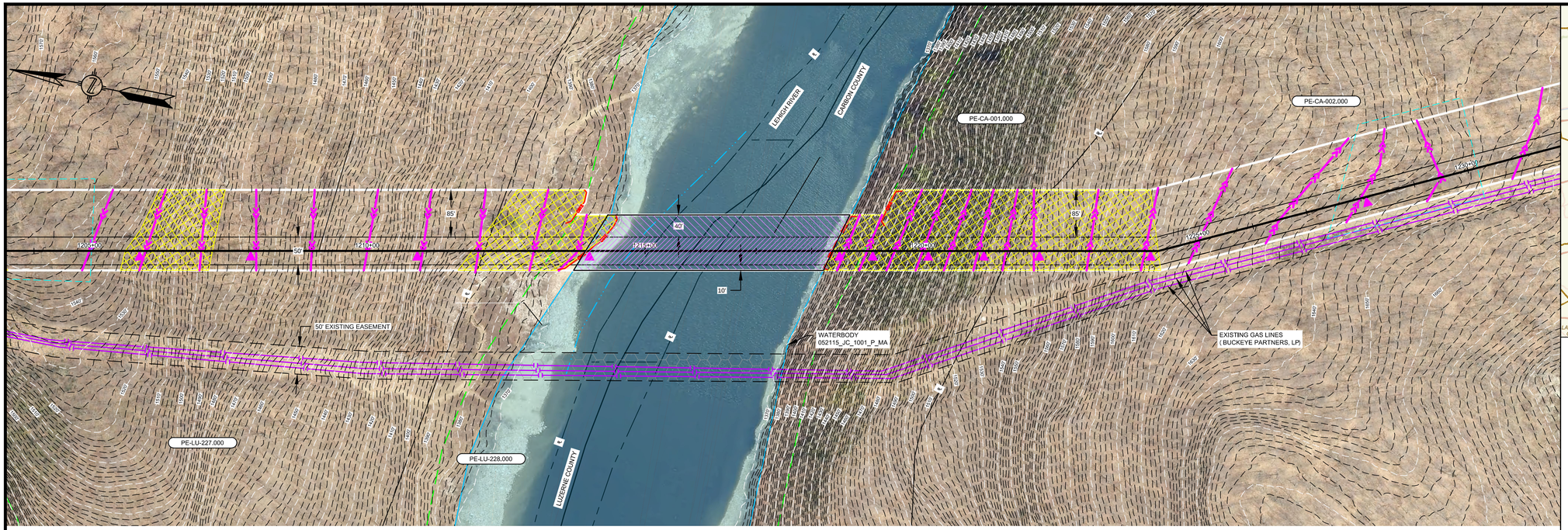
Figure 2
Route Alternatives for Francis E. Walter Dam

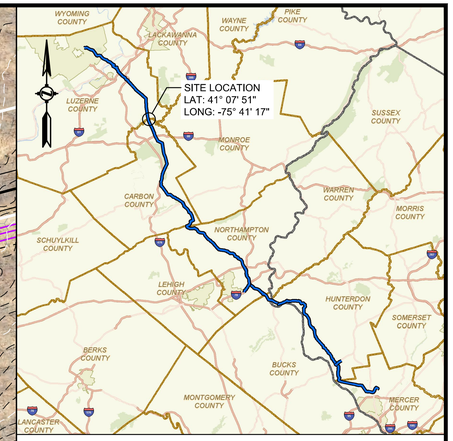
LOC:			REV.:
CKD. BY: BH	ENG.:	Date: 1/4/2016	W.O.:
DRN. BY: CS	SCALE: SEE GRAPHIC SCALE	DWG. NO.:	SHEET:



PennEast PIPELINE

PennEast Pipeline Company, LLC





LOCATION MAP
SCALE: 1" = 15 MILES

LEGEND

- PROPOSED 36" PIPELINE
- PROPOSED PERMANENT EASEMENT
- PROPOSED BORE PIT LOCATION
- PROPERTY LINE
- STREAM (DELINEATED)
- STREAM (PUBLIC)
- APPROXIMATE 100-YEAR FLOODWAY
- WATERBODY (DELINEATED)
- WATERBODY (PUBLIC)
- WETLAND (DELINEATED)
- WETLAND (PUBLIC)
- PERMANENT IMPACT
- TEMPORARY IMPACT
- LIMITS OF DISTURBANCE AND ESCGP-2 PERMIT BOUNDARY
- 1300 EXISTING MAJOR CONTOUR
- EXISTING MINOR CONTOUR
- TRENCH PLUG; SEE FIG. 20 (TYP.)
- PERMANENT WATERBAR; SEE FIG. 15 (TYP.)
- TEMPORARY WATERBAR; SEE FIG. 19 (TYP.)
- PERMANENT WATERBAR; SEE FIG. 15 (TYP.)
- T TEMPORARY WATERBAR; SEE FIG. 19 (TYP.)
- SF18 / SF30 / SF36 — SILT FENCE; SEE FIG. 5-8 (TYP.)
- CS12 / CS18 / CS24 / CS26 — COMPOST FILTER SOCK; SEE FIG. 4 & 9 (TYP.)
- EROSION CONTROL MATTING; SEE FIG. 23 (TYP.)

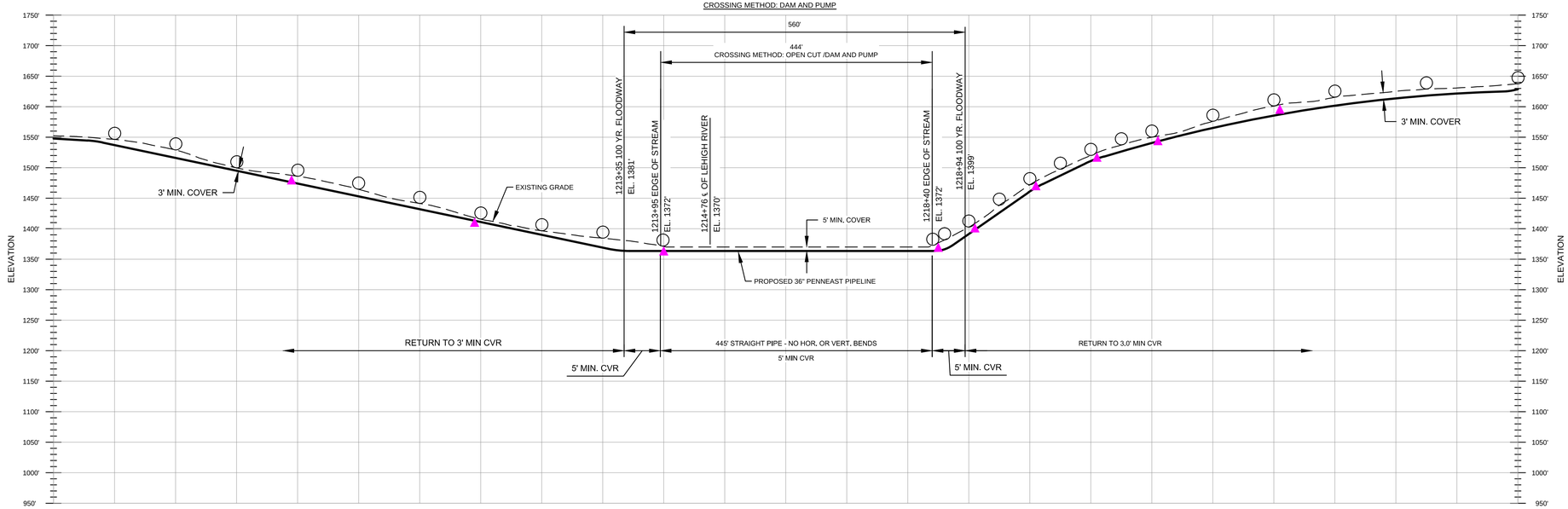
IMPACT SUMMARY

FEATURE TYPE	FEATURE NAME	TOB CROSSING WIDTH (LF)	CROSSING AREA PERMANENT (ACRE)	CROSSING AREA TEMPORARY (ACRE)	FLOODWAY CROSSING WIDTH (LF)	FLOODWAY CROSSING AREA PERMANENT (ACRE)	FLOODWAY CROSSING AREA TEMPORARY (ACRE)	CROSSING METHOD	TYPE	DEWATERING AREAS (ACRES)
WATERBODY	052115_JC_1001_P_MA	444	0.510	0.504	560	0.643	0.637	DRY CROSSING	P	-

LEHIGH RIVER CROSSING
PLAN VIEW
SCALE: 1" = 100'

GRAPHIC SCALE
100' 50' 0 100'

CROSSING METHOD: DAM AND PUMP



LEHIGH RIVER CROSSING
PROFILE
SCALE H: 1" = 100'
SCALE V: 1" = 100'

HORIZ SCALE: 100' 50' 0' 100'
VERT SCALE: 100' 50' 0' 100'

GENERAL NOTES

1. ALL DIMENSIONS AND ELEVATIONS ARE IN FEET UNLESS OTHERWISE SHOWN. ALL CHAINAGES ARE HORIZONTAL. ALL ELEVATIONS ARE GEODETIC.
2. DRAWING SCALES ARE ONLY CORRECT WHEN PLOTTED AT FULL SIZE (ARCH D).
3. ALL WORK IN CLOSE PROXIMITY TO POWER LINES MAY BE SUBJECT TO ELECTROSTATIC. AND ELECTROMAGNETIC INDUCED VOLTAGES. CONTRACTOR SHALL BE RESPONSIBLE FOR MONITORING AND IMPLEMENTING MITIGATION PROCEDURES. CONTRACTOR SHALL IMPLEMENT THESE PRECAUTIONS AS WELL AS THOSE SPECIFIED BY MANAGER.
4. APPROXIMATE DEPTH AND LOCATION OF BURIED FACILITIES SHOWN. DEPTH AND LOCATION TO BE CONFIRMED BY CONTRACTOR AS PER THE CONTRACT DOCUMENTS. CONTRACTOR SHALL VERIFY DEPTH OF LINE CROSSING PRIOR TO CONSTRUCTION.
5. THE MINIMUM DEPTH OF COVER SHOWN SHALL BE MAINTAINED FOR THE FULL DISTANCE SHOWN BETWEEN SPECIFIED CHAINAGES.
6. CONTRACTOR SHALL ENSURE THAT A COPY OF THE CROSSING AGREEMENT IS KEPT ON SITE FOR THE FULL DURATION OF THE CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL ADHERE TO ALL REQUIREMENTS OF THE CROSSING AGREEMENT.
7. BACKFILLING SHALL IMMEDIATELY FOLLOW PIPE INSTALLATION USING NATIVE MATERIAL.
8. STREAM BEDS SHALL BE GRADED TO CONFORM AS NEAR AS PRACTICABLE TO ORIGINAL PROFILES. BANKS SHALL BE GRADED TO ORIGINAL OR STABLE CONTOURS. WORK SHALL BE PLANNED TO KEEP LENGTH OF TIME OF IN-STREAM ACTIVITY TO AN ABSOLUTE MINIMUM.

CONSTRUCTION NOTES

9. THE CROSSING SHALL BE CONSTRUCTED USING A DRY CROSSING METHOD.
10. 'MINIMUM COVER' REFERS TO DISTANCE BETWEEN LOWEST POINT ON WATERCOURSE 'THALWEG' TO TOP OF PIPE (T.O.P.) OF INSTALLED PIPELINE (INCLUSIVE OF LAGGING, CONCRETE COATING, WEIGHTS, ETC) .
11. REQUIREMENTS FOR BUOYANCY CONTROL AT CROSSING LOCATION ARE PROVIDED ON THE CONSTRUCTION ALIGNMENT SHEETS.

1. EXISTING LIDAR TOPOGRAPHY AND AERIAL FROM PICTOMOTRY, 2015.
2. FOR TYPICAL E&S DETAILS AND CONSTRUCTION METHODS, REFER TO DRAWINGS 000-03-09-001 THRU 000-03-09-008.
3. ENVIRONMENTAL DATA PROVIDED BY AECOM ON 12/2015.
4. UTILITIES SHOWN WERE DIGITIZED FROM IMAGERY AND ALL LOCATIONS ARE APPROXIMATE.

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-09-001-008	TYPICAL E&S DETAILS
000-03-08-001/002	TYPICAL CONSTRUCTION ROW DETAILS
000-03-001-046	ALIGNMENT SHEET
000-03-001-047	ALIGNMENT SHEET

REVISIONS

NO.	DESCRIPTION	DATE	DRAWN	CK	APPR
A	ISSUED FOR PERMIT	02/2016	HMM	HMM	HMM

PROJECT ENGINEER STAMP

COMMONWEALTH OF PENNSYLVANIA — PROFESSIONAL ENGINEER — MICHAEL A. WILCOX — 2/2/16

APPROVALS

DRAWN BY	DATE
HMM	09/23/2015
CHECKED BY	DATE
HMM	09/23/2015
ENG. APPROVAL	DATE
P.M. APPROVAL	DATE
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811 Know what's below. Call before you dig.

CLIENT APPROVAL

DATE

PREPARED FOR
PennEast PIPELINE

PREPARED BY
Hatch Mott MacDonald

PENNEAST PIPELINE PROJECT

WATERBODY SITE SPECIFIC

LEHIGH RIVER CROSSING
LUZERNE/CARBON COUNTIES, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-06-003	A