

## Appendix B - Site-Specific Crossing Drawing



CARBON COUNTY, PENNSYLVANIA



DRAFT CONCEPTUAL HDD NOTES:

1. THE HDD BORE PATH REPRESENTS THE FINAL CONCEPTUAL ALIGNMENT.
2. EXISTING CONTOURS TAKEN FROM PICTOMETRY, 2015.
3. FINAL EQUIPMENT LAYOUT AND GRADING WITHIN THE DEPICTED WORKSPACES IS BY OTHERS.
4. EROSION AND SEDIMENT CONTROL IS NOT DEPICTED ON THIS DRAWING. REFER TO ESCGP PLANS FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
5. ALL PERSONNEL AND EQUIPMENT SHALL REMAIN WITHIN THE PERMITTED LIMIT OF DISTURBANCE DEPICTED ON THIS DRAWING UNLESS OTHERWISE AUTHORIZED BY THE CLIENT.
6. UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. PENNSYLVANIA LAW REQUIRES AT LEAST 48 HOURS AND NO MORE THAN TEN (10) WORKING DAYS NOTICE BEFORE EXCAVATION OR DEMOLITION.
7. STATIONING IS SUBJECT TO CHANGE BASED ON PROJECT PROGRESSION.

POHOPOCO CREEK (BELTZVILLE LAKE)/ WILD CREEK HDD  
PLAN VIEW

IMPACT SUMMARY										
FEATURE TYPE	FEATURE NAME	TOT CROSSING WIDTH (LF)	PERM CROSSING AREA (ACRES)	TEMP CROSSING AREA (ACRES)	FLOODWAY CROSSING WIDTH (LF)	PERM FLOODWAY CROSSING AREA (ACRES)	TEMP FLOODWAY CROSSING AREA (ACRES)	CROSSING METHOD	TYPE	DEWATERING AREAS (ACRES)
WATERBODY	052215_JC_1001_LAKE_MA	168	0.000	0.000	213	0.000	0.000	HDD	LAKE	-

IMPACT SUMMARY										
FEATURE TYPE	FEATURE NAME	TOT CROSSING WIDTH (LF)	PERM CROSSING AREA (ACRES)	TEMP CROSSING AREA (ACRES)	FLOODWAY CROSSING WIDTH (LF)	PERM FLOODWAY CROSSING AREA (ACRES)	TEMP FLOODWAY CROSSING AREA (ACRES)	CROSSING METHOD	TYPE	DEWATERING AREAS (ACRES)
WATERBODY	052215_JC_1001_LAKE_MA	389	0.000	0.000	513	0.000	0.000	HDD	LAKE	-

**LEGEND**

	PROPOSED 36" PIPELINE		PROPERTY LINE		STREAM (PUBLIC)
	PROPOSED PERMANENT EASEMENT		MAJOR CONTOURS		STREAM (DELINEATED)
	TEMPORARY WORKSPACE		MINOR CONTOURS		WETLAND (PUBLIC)
	ADDITIONAL TEMPORARY WORKSPACE		EXISTING FOREIGN EASEMENT		WETLAND (DELINEATED)
	PROPOSED PIPEYARD		EXISTING PIPELINE		WETLAND (AGRICULTURAL MODIFIED)
	PROPOSED STAGING AREA		EXISTING OVERHEAD LINE		WATERBODY (DELINEATED)
	ACCESS ROAD		RAILROAD CENTERLINE		WATERBODY (PUBLIC)
			ROAD CENTERLINE		
			TRAIL CENTERLINE		

- NOTES:**
1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
  2. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
  3. PROPERTY LINES DEPICTED ON THIS PLAN ARE BASED ON GIS TAX MAP DATA AND RECTIFIED PROPERTY LINES AND ARE NOT THE RESULT OF A BOUNDARY SURVEY.

REFERENCE DRAWINGS			REVISIONS					APPROVALS		
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	
000-03-01-087	ALIGNMENT SHEET	1	ISSUED FOR USACE REVIEW	3/24/2017	CAF (MM)	ARY (MM)	MAW (MM)	RJP (MM)	09/16/2016	
000-03-01-088	ALIGNMENT SHEET							CHECKED BY	DATE	
000-03-01-089	ALIGNMENT SHEET							CAF (MM)	09/16/2016	
								ENG. APPROVAL	DATE	CLIENT APPROVAL
								MDN (MM)	09/16/2016	
								P.M. APPROVAL	DATE	DATE
								MAW (MM)	09/16/2016	

PREPARED FOR

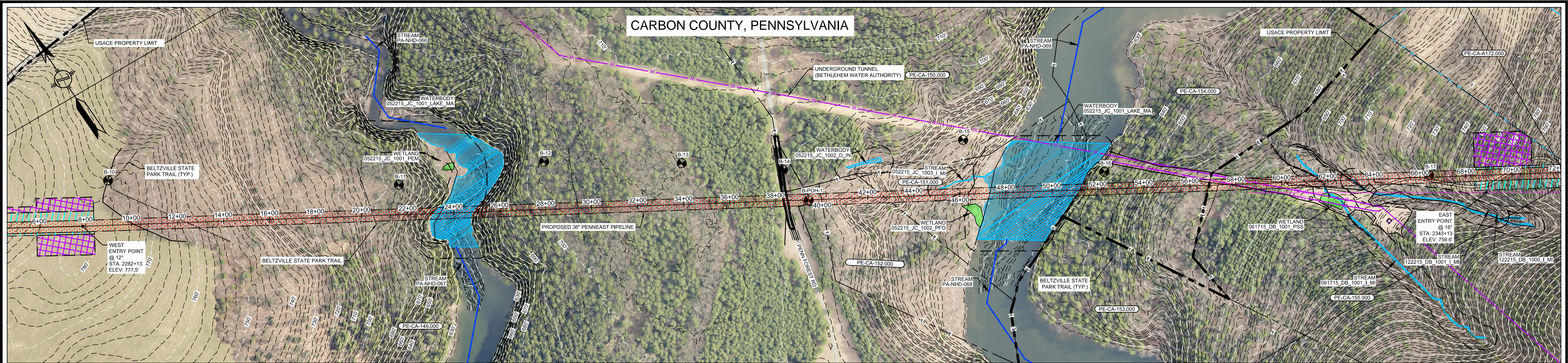
**PENNEAST PIPELINE PROJECT**  
PROPOSED 36" PIPELINE  
OVERVIEW  
POHOPOCO CREEK (BELTZVILLE LAKE)/  
WILD CREEK HDD  
CARBON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-07-002-OVERVIEW	I

G:\PENNEAST\PIPELINE\_EPC\DATA\PROD\_UFC\WORK\DRAWING\WORKING\_FILES\HDD\CONCEPT\000-03-07-002.DWG FILE:75108



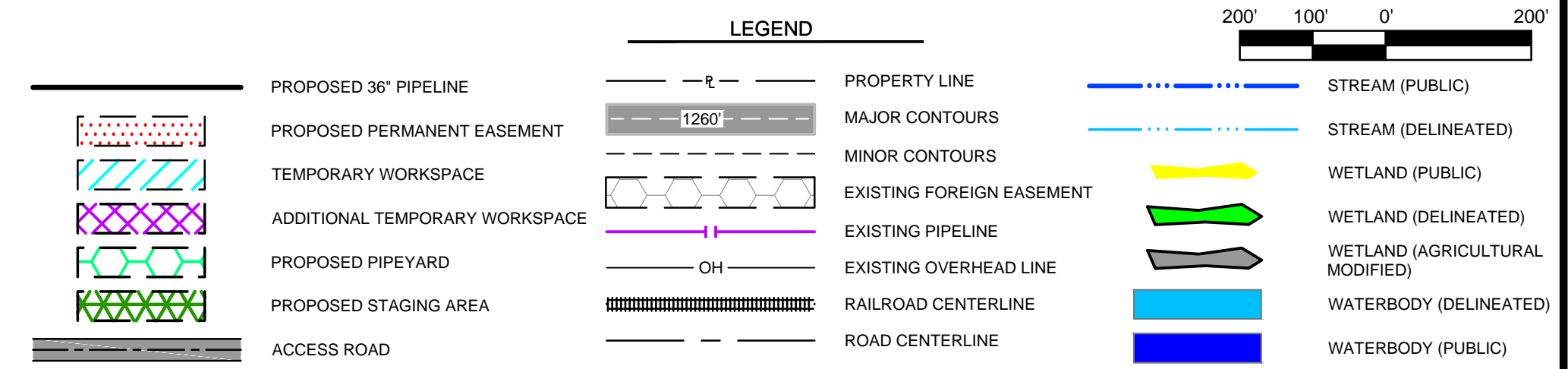
# CARBON COUNTY, PENNSYLVANIA



**DRAFT CONCEPTUAL HDD NOTES:**

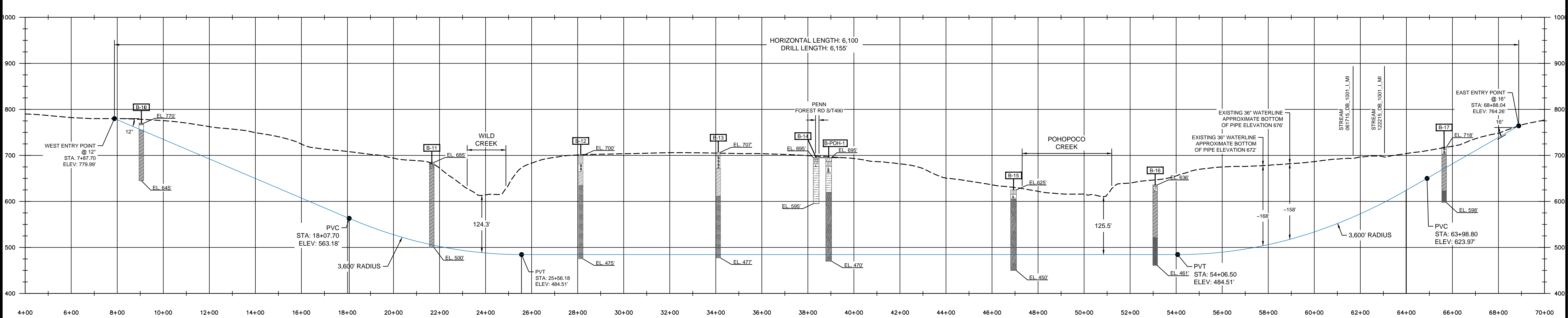
- THE HDD BORE PATH REPRESENTS THE FINAL CONCEPTUAL ALIGNMENT.
- EXISTING CONTOURS TAKEN FROM PICTOMETRY, 2015.
- FINAL EQUIPMENT LAYOUT AND GRADING WITHIN THE DEPICTED WORKSPACES IS BY OTHERS.
- EROSION AND SEDIMENT CONTROL IS NOT DEPICTED ON THIS DRAWING. REFER TO ESCGP PLANS FOR EROSION AND SEDIMENT CONTROL REQUIREMENTS.
- ALL PERSONNEL AND EQUIPMENT SHALL REMAIN WITHIN THE PERMITTED LIMIT OF DISTURBANCE DEPICTED ON THIS DRAWING UNLESS OTHERWISE AUTHORIZED BY THE CLIENT.
- UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND SHALL BE FIELD VERIFIED. PENNSYLVANIA LAW REQUIRES AT LEAST 48 HOURS AND NO MORE THAN TEN (10) WORKING DAYS NOTICE BEFORE EXCAVATION OR DEMOLITION.
- STATIONING IS SUBJECT TO CHANGE BASED ON PROJECT PROGRESSION.

## POHOPECO CREEK (BELTZVILLE LAKE) / WILD CREEK HDD PLAN VIEW

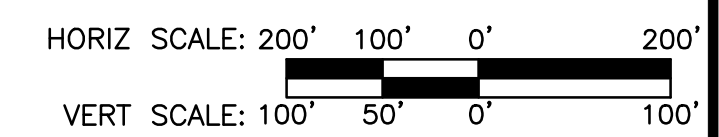


IMPACT SUMMARY										
FEATURE TYPE	FEATURE NAME	TOP CROSSING WIDTH (LF)	PERM CROSSING AREA (ACRE)	TEMP CROSSING AREA (ACRE)	FLOODWAY CROSSING WIDTH (LF)	PERM FLOODWAY CROSSING AREA (ACRE)	TEMP FLOODWAY CROSSING AREA (ACRE)	CROSSING METHOD	TYPE	DEWATERING AREAS (ACRES)
WATERBODY	052215_JC_1001_LAKE_MA	168	0.000	0.000	213	0.000	0.000	HDD	LAKE	-

IMPACT SUMMARY										
FEATURE TYPE	FEATURE NAME	TOP CROSSING WIDTH (LF)	PERM CROSSING AREA (ACRE)	TEMP CROSSING AREA (ACRE)	FLOODWAY CROSSING WIDTH (LF)	PERM FLOODWAY CROSSING AREA (ACRE)	TEMP FLOODWAY CROSSING AREA (ACRE)	CROSSING METHOD	TYPE	DEWATERING AREAS (ACRES)
WATERBODY	052215_JC_1001_LAKE_MA	389	0.000	0.000	513	0.000	0.000	HDD	LAKE	-



## POHOPECO CREEK (BELTZVILLE LAKE) / WILD CREEK HDD PROFILE



- NOTES:**
- THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
  - EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
  - PROPERTY LINES DEPICTED ON THIS PLAN ARE BASED ON GIS TAX MAP DATA AND RECTIFIED PROPERTY LINES AND ARE NOT THE RESULT OF A BOUNDARY SURVEY.

REFERENCE DRAWINGS			REVISIONS					APPROVALS		
DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE	
000-03-01-087	ALIGNMENT SHEET	1	ISSUED FOR USACE REVIEW	3/24/2017	CAF (MM)	ARY(MM)	MAW(MM)	RJP (MM)	09/16/2016	
000-03-01-088	ALIGNMENT SHEET							CHECKED BY	DATE	
000-03-01-089	ALIGNMENT SHEET							CAF (MM)	09/16/2016	
								ENG. APPROVAL	DATE	CLIENT APPROVAL
								MDN (MM)	09/16/2016	DATE
								P.M. APPROVAL	DATE	
								MAW (MM)	09/16/2016	

PREPARED FOR

PENNEAST PIPELINE PROJECT		
PROPOSED 36" PIPELINE HDD EXHIBIT PLAN AND PROFILE POHOPECO CREEK (BELTZVILLE LAKE) / WILD CREEK HDD CARBON COUNTY, PENNSYLVANIA		
SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-07-002	H

G:\PENNEAST\353754\_PENNEAST\_PIPELINE\_EPC\DATA\PROD\_I\FC\WORK\DRAWING\WORKING\_FILES\HDD\CONCEPT\000-03-07-002.DWG FLE75108