



PITT-04-19-015

April 4, 2019

Project Number 212IC-PB-00387

By FEDERAL EXPRESS

Mr. Gregory Holesh, P.E.
Manager, Permitting & Technical Services
Waterways & Wetlands Program
Pennsylvania Department of Protection
400 Waterfront Drive
Pittsburgh, Pennsylvania 15222

**Re: DEP FILE E11-352-A1
Incompleteness Review Responses -
Pennsylvania Pipeline Project – Mariner East 2 Goldfinch Lane HDD Reroute
Jackson Township, Cambria County**

Dear Mr. Holesh:

On behalf of our client, Sunoco Pipeline L.P. (SPLP), Tetra Tech, Inc. provides the following responses to the Pennsylvania Department of Environmental Protection (DEP) Incompleteness Review letter dated March 13, 2019, regarding the above-referenced Chapter 105 Major Amendment (Goldfinch Line HDD Reroute). The supporting attachments represent clarifications or revisions to the original modification request. We are providing three hard copies and three CDs containing this letter and supporting attachments.

For ease of your review, each DEP item is set forth verbatim below, followed by a narrative response with supporting attachments.

Comments and Responses to March 13, 2019 Incompleteness Review Letter

1.	105.13(e)(l)(iv) Submit a map showing the location and orientation of each of the submitted color photographs.	Attachment A of this response provides a figure showing the location and direction of each of the photographs presented in the permit modification application.
2.	105.13(e)(l)(i)(G) Provide a cross sectional view of the regulated waters to be impacted before and after the structure or activity is constructed.	Attachment B of this response provides the profile view for each of the stream resources crossed by the proposed modification/reroute.

In addition to the information requested, a copy of the PHMC's electronic concurrence with the negative survey results is provided in **Attachment C** for your files/records.

Mr. Gregory Holesh, P.E.
Pennsylvania Department of Protection
April 4, 2019

SPLP appreciates your timely review of this response. Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8163 or via e-mail at Robert.Simcik@tetrattech.com.

Sincerely,



Robert Simcik
Project Manager
Tetra Tech, Inc.

Enclosures: Response Attachments A through C

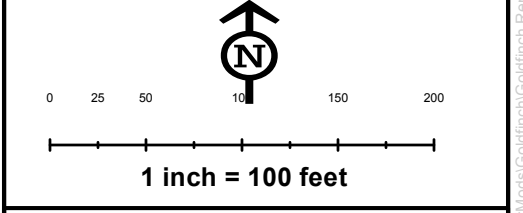
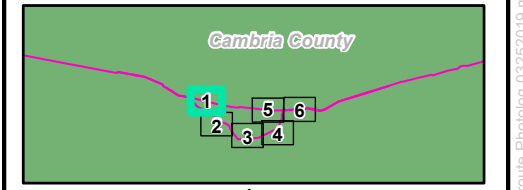
cc: File 212IC-PB-00387
G. Holesh, PADEP Southwest Region
B. Blossok, Cambria County Conservation District
Jared Pritts, U.S. Army Corps of Engineers, Pittsburgh District
M. Gordon, Sunoco Pipeline L.P.
C. Embry, Sunoco Pipeline L.P.
M. Styles, Sunoco Pipeline L.P.
L. Gremminger, Gremminger Associates, Inc.
B. Schaeffer, Tetra Tech

ATTACHMENT A

Resource Photographs and Location Map



- Legend**
- Sheet Boundary
 - PPP 1
 - PPP 2
 - PPP 1, Bore
 - PPP 1, HDD
 - PPP 2, Bore
 - PPP 2, HDD
 - Pullback String
 - Permanent Easement (no surface disturbance)
 - Permanent ROW
 - Temporary ROW
 - ATWS
 - Permanent Access Road
 - Temporary Access Road
 - ROW-Travel LOD
 - ROW-Travel and Clearing LOD
 - Existing Block Valve
 - New Block Valve
 - Block Valve Setting LOD
 - Bore Pits
 - PEM Wetland
 - PFO Wetland
 - PSS Wetland
 - Pond
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
 - Chapter 105 Floodway
 - Waived Floodway
 - Ch. 106 Floodplain Fringe
 - Stream Photo
 - Pond Photo
 - PEM Photo
 - PFO Photo
 - PSS Photo



**Photo Locations for the Sunoco
Pennsylvania Pipeline Project
Goldfinch Reroute,
Cambria County, PA.
Sheet 1 of 6**

Prepared By: TETRA TECH	Date: 3/2019
--	-------------------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geo-spatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
Coordinate System: NAD 83 Stateplane, PA South, Feet

P:\GIS\projects\112C05966-PPP\W\X\Permits\GoldfinchReroute\PhotoLog_03262019.mxd LN



Legend

- Sheet Boundary
- PPP 1
- PPP 2
- PPP 1, Bore
- PPP 1, HDD
- PPP 2, Bore
- PPP 2, HDD
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- Pond
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- Perennial Stream
- Chapter 105 Floodway
- Waived Floodway
- Ch. 106 Floodplain Fringe
- Stream Photo
- Pond Photo
- PEM Photo
- PFO Photo
- PSS Photo

Cambria County

1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project Goldfinch Route, Cambria County, PA.
Sheet 2 of 6

Prepared By: 	Date: 3/2019
------------------	------------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geo-spatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

P:\GIS\projects\112C05966-PPP\WAD\Permits\Goldfinch\Goldfinch Route\PhotoLog_03262019.mxd LN



Legend

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- PPP 1
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- Waived Floodway
- Ch. 106 Floodplain Fringe
- Stream Photo
- Pond Photo
- PEM Photo
- PFO Photo
- PSS Photo

Cambria County

0 25 50 100 150 200

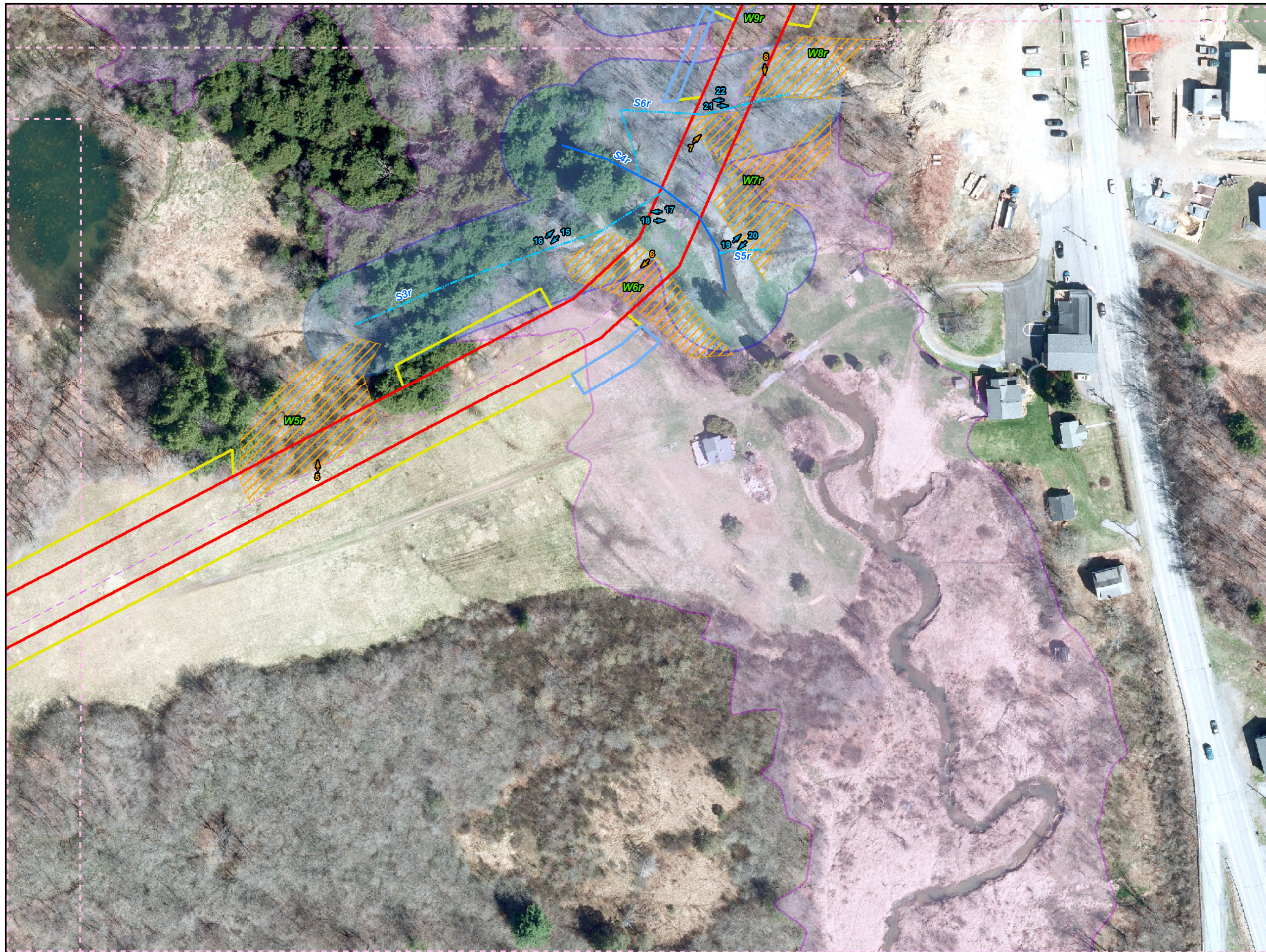
1 inch = 100 feet

**Photo Locations for the Sunoco Pennsylvania Pipeline Project
Goldfinch Reroute,
Cambria County, PA.
Sheet 3 of 6**

Prepared By: 	Date: 3/2019
-------------------------	-------------------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

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Cambria County

0 25 50 100 150 200

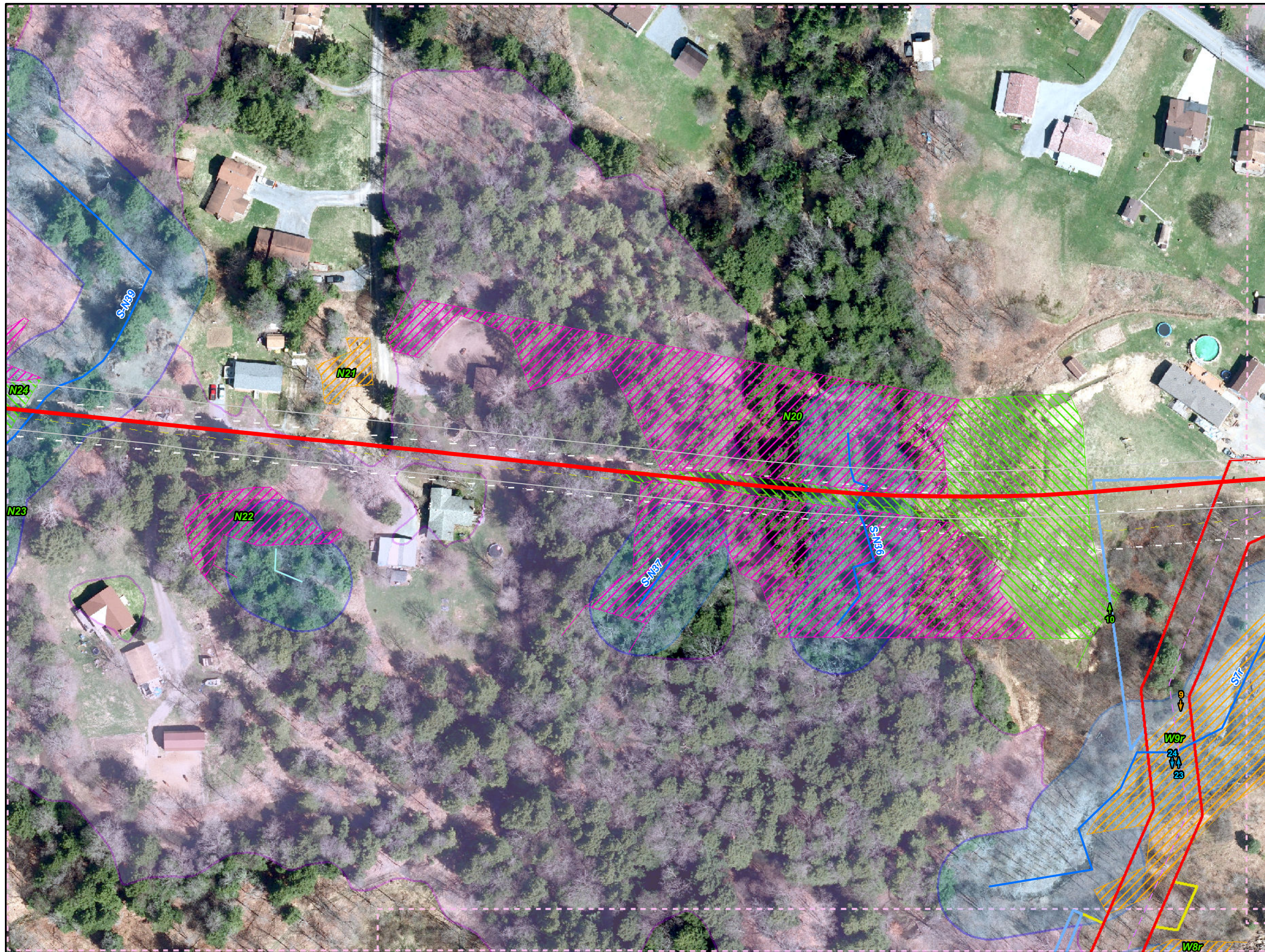
1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project Goldfinch Reroute, Cambria County, PA.
Sheet 4 of 6

Prepared By: 	Date: 3/2019
------------------	------------------------

Base Map: SPLP 2014-2016, Roads from NRCS Geo-spatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

P:\GIS\projects\112C05966-PPP\WAD\Permits\Permit\WAD\GoldfinchReroute_PhotoLog_03262019.mxd LN



Legend

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Cambria County

0 25 50 100 150 200

1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project Goldfinch Reroute, Cambria County, PA. Sheet 5 of 6

Prepared By: TETRA TECH	Date: 3/2019
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Base Map: SPLP 2014-2016, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
Coordinate System: NAD 83 Stateplane, PA South, Feet

P:\GIS\projects\112C05966-PPP\WAD\Permits\GoldfinchReroute\PhotoLog_03262019.mxd LN



Legend

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- PPP 2
- PPP 1, Bore
- PPP 1, HDD
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Cambria County

0 25 50 100 150 200

1 inch = 100 feet

Photo Locations for the Sunoco Pennsylvania Pipeline Project Goldfinch Route, Cambria County, PA. Sheet 6 of 6

Prepared By: 	Date: 3/2019
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Base Map: SPLP 2014-2016, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA NFHL, downloaded 9/2016. Aquatics, TT 2013-2018.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

**Photo # 1 : 12/5/2018 -- Wetland W1r (PEM)**

Facing north across PEM wetland area.

**Photo # 2 : 12/5/2018 -- Wetland W2r (PEM)**

Facing south across PEM wetland area. Narrow emergent wetland associated with S1r and surrounded by scrub-shrub/forested upland.

**Photo # 3 : 12/5/2018 -- Wetland 3r (PEM)**

Facing northeast across PEM wetland area towards open field. Small isolated wetland located on edge of forest/field - trees and shrubs are located in upland area.

**Photo # 4 : 12/5/2018 -- Wetland 4r (PEM)**

Facing southwest across PEM wetland area. Narrow emergent wetland/seep surrounded by scrub-shrub/forested upland. Wetland is not located in the proposed LOD.

**Photo # 5 : 12/5/2018 -- Wetland W5r (PSS)**

Facing north across PSS wetland vegetation and towards adjacent upland forest.

**Photo # 6 : 12/5/2018 -- Wetland W6r (PSS)**

Facing southwest through PSS wetland vegetation towards open field located behind upland tree line.



Photo # 7 : 12/5/2018 -- Wetland W7r (PSS)

Facing northeast through PSS wetland vegetation. Wetland is surrounded by upland forest and scrub-shrub vegetation.



Photo # 8 : 12/5/2018 -- Wetland W8r (PSS)

Facing south through PSS wetland vegetation. Wetland is located at the headwaters of S6r.



Photo # 9 : 12/5/2018 -- Wetland W9r (PSS)

Facing south through PSS wetland vegetation and along S7r. Trees on left of photo are located in adjacent upland.



Photo # 10 : 01/28/2019 -- Wetland N20 (PEM)

Facing north across PEM portion of wetland N20 area.



Photo # 11 : 12/5/2018 -- Stream S1r Upstream (south)

Unnamed tributary with perennial flow to Hinckston Run



Photo # 12 : 12/5/2018 -- Stream S1r Downstream (north)

Unnamed tributary with intermittent flow to Hinckston Run



Photo # 13 : 12/5/2018 -- Stream S2r Upstream (south)
Unnamed tributary with intermittent flow to Hinckston Run



Photo # 14 : 12/5/2018 -- Stream S2r Downstream (north)
Unnamed tributary with intermittent flow to Hinckston Run



Photo # 15 : 12/5/2018 -- Stream S3r Upstream (southwest)
Unnamed tributary with intermittent flow to Hinckston Run, associated with wetlands W5r and W6r.



Photo # 16 : 12/5/2018 -- Stream S3r Downstream (northeast)
Unnamed tributary with intermittent flow to Hinckston Run associated with wetlands W5r and W6r.



Photo # 17 : 12/5/2018 -- Stream S4r Upstream (west)
Perennial stream Hinckston Run associated with wetlands W6r and W7r.



Photo # 18 : 12/5/2018 -- Stream S4r Downstream (east)
Perennial stream Hinckston Run associated with wetlands W6r and W7r.



Photo # 19 : 12/5/2018 -- Stream S5r Upstream (northeast)
 Unnamed tributary with intermittent flow to Hinckston Run associated with wetland W7r. Stream is not located in the proposed LOD.



Photo # 20 : 12/5/2018 -- Stream S5r Downstream (southwest)
 Unnamed tributary with intermittent flow to Hinckston Run associated with wetland W7r. Stream is not located in the proposed LOD.



Photo # 21 : 12/5/2018 -- Stream S6r Upstream (east)
 Tributary to Hinckston Run associated with wetlands W7r and W8r.



Photo # 22 : 12/5/2018 -- Stream S6r Downstream (west)
 Tributary to Hinckston Run associated with wetlands W7r and W8r.



Photo # 23 : 12/5/2018 -- Stream S7r Upstream (north)
 Unnamed tributary with perennial flow to Hinckston Run associated with wetland W9r.



Photo # 24 : 12/5/2018 -- Stream S7r Downstream (south)
 Unnamed tributary with perennial flow to Hinckston Run associated with wetland W9r.



Photo # 25 : 01/28/2019 -- Stream 044 UNT to Hinckston Run (CWF)
Facing northeast or upstream along O44 on the western side of William Penn Ave (SR-271).



Photo # 26 : 01/28/2019-- Stream 044 UNT to Hinckston Run (CWF)
Facing west or downstream along O44 on the western side of William Penn Ave (SR-271).



Photo # 27 : 01/27/2019 -- Stream 044 UNT to Hinckston Run (CWF)
Facing west or downstream along O44 on the eastern side of William Penn Ave (SR-271). Compost filter sock installed along stream channel is unrelated to Mariner East II project.



Photo # 28 : 01/27/2019 -- Stream 044 UNT to Hinckston Run (CWF)
Facing east or upstream along O44 on the eastern side of William Penn Ave (SR-271). Orange safety fence is unrelated to Mariner East II project.



Photo # 29 : 01/28/2019 -- Stream N35 Downstream (south)
Unnamed tributary Hinckston Run



Photo # 30 : 01/28/2019 -- Stream N35 Upstream (north)
Unnamed tributary to Hinckston Run



Photo # 31 : 01/27/2019-- Stream O43 and Pond O2 Upstream (northwest)

Unnamed tributary to Hinckston Run



Photo # 32 : 01/27/2019-- Stream O43 and Pond O2 Upstream (northwest)

Unnamed tributary to Hinckston Run



Photo # 33 : 01/27/2019-- Stream O43 downstream (west)

Unnamed tributary to Hinckston Run, associated with Pond O2. Erosion controls, as well as alterations to the stream, are unrelated to Mariner East II project.



Photo # 34 : 01/28/2019 -- Stream O43 at confluence of Stream O44 (south)

Unnamed tributary to Hinckston Run. Alterations (culvert pipe) to this stream are unrelated to the Mariner East II project.



Photo # 35 : 01/28/2019-- Stream O43 and Pond O2 Upstream (aerial)

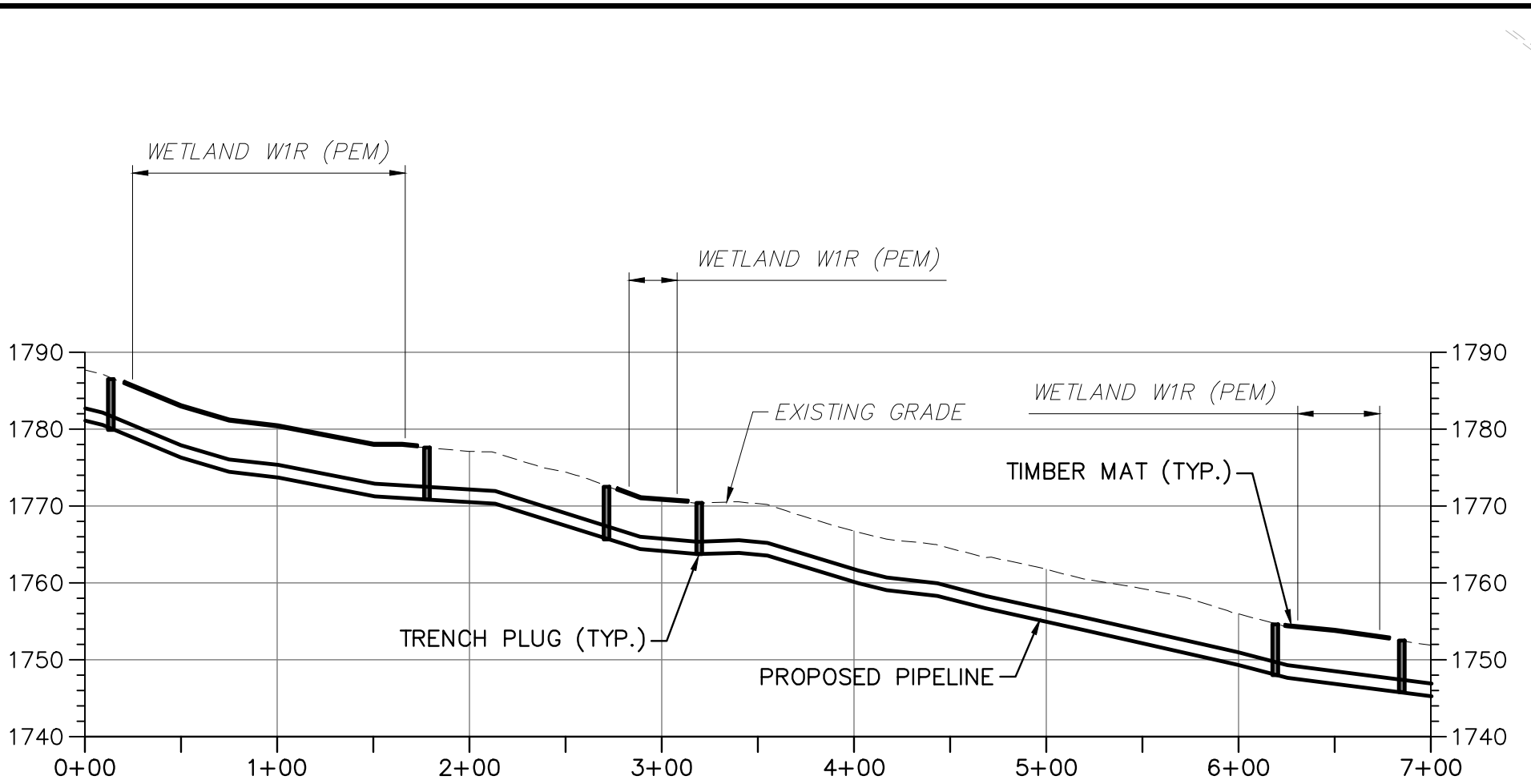
Erosion controls installed at Pond O2 and stream O43, as well as alterations to the pond and stream, are unrelated to Mariner East II project.



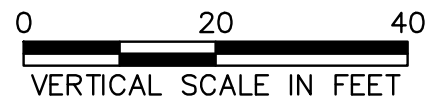
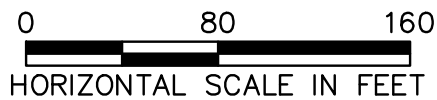
Photo # 36 : 01/28/2019-- Stream O43 and Pond O2 Upstream (aerial)

Erosion controls installed at Pond O2 and stream O43, as well as alterations to the pond and stream, are unrelated to Mariner East II project.

ATTACHMENT B
Stream Profile Drawings



OPEN CUT PROFILE



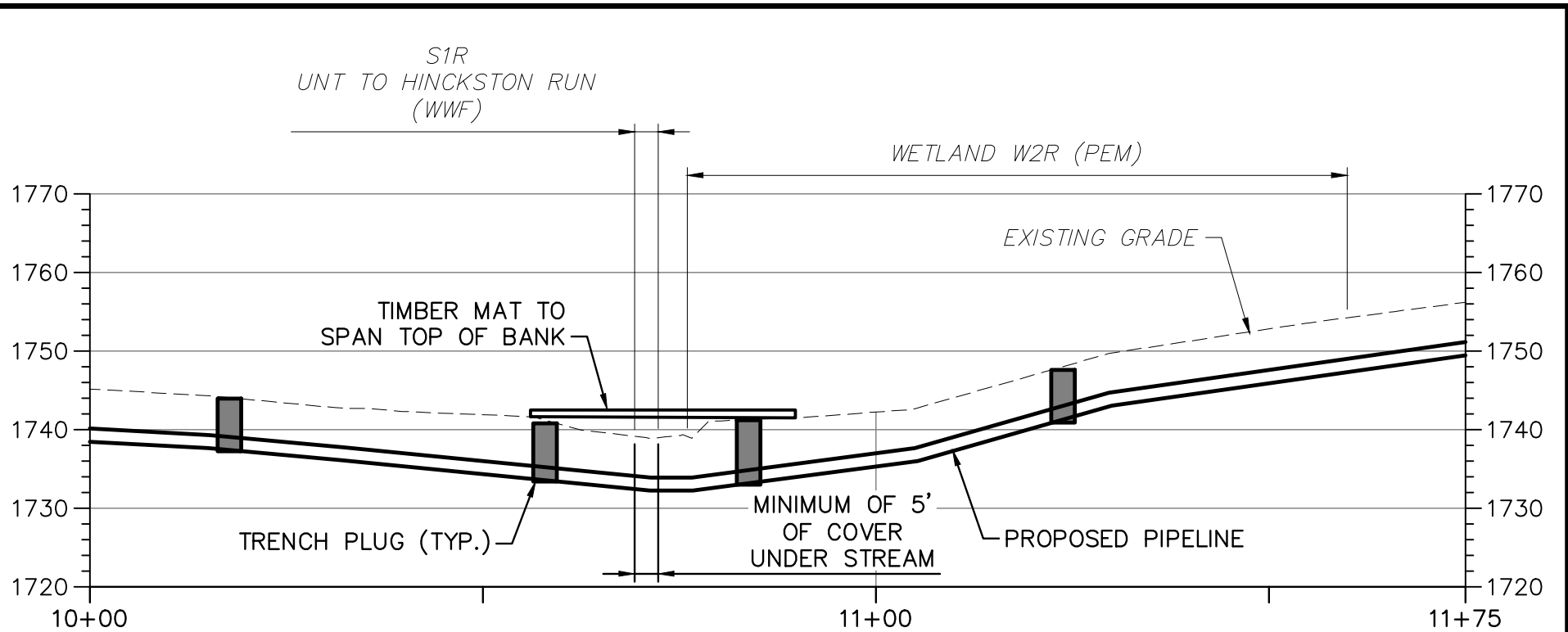
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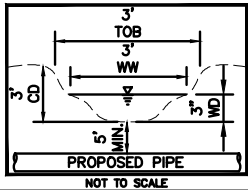
661 ANDERSEN DRIVE – FOSTER PLAZA 7
 PITTSBURGH, PA 15220
 T: (412) 921-7090 | F: (412) 921-4040

SUNOC PIPELINE, L.P.
 SINKING SPRING, PENNSYLVANIA
 PENNSYLVANIA PIPELINE PROJECT
 CAMBRIA COUNTY CONSERVATION DISTRICT
 WETLAND W1R CROSS-SECTION

DATE:	4/1/19
PROJECT NO.:	BF-00037
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	RS
SHEET:	1 OF 8
COPYRIGHT TETRA TECH INC.	
FIGURE 1	



S1R CHANNEL DATA	
TOP OF BANK (TOB)	3'
CHANNEL DEPTH (CD)	3'
WATER WIDTH (WW)	3'
WATER DEPTH (WD)	3'



OPEN CUT PROFILE
 0 20 40
 SCALE IN FEET



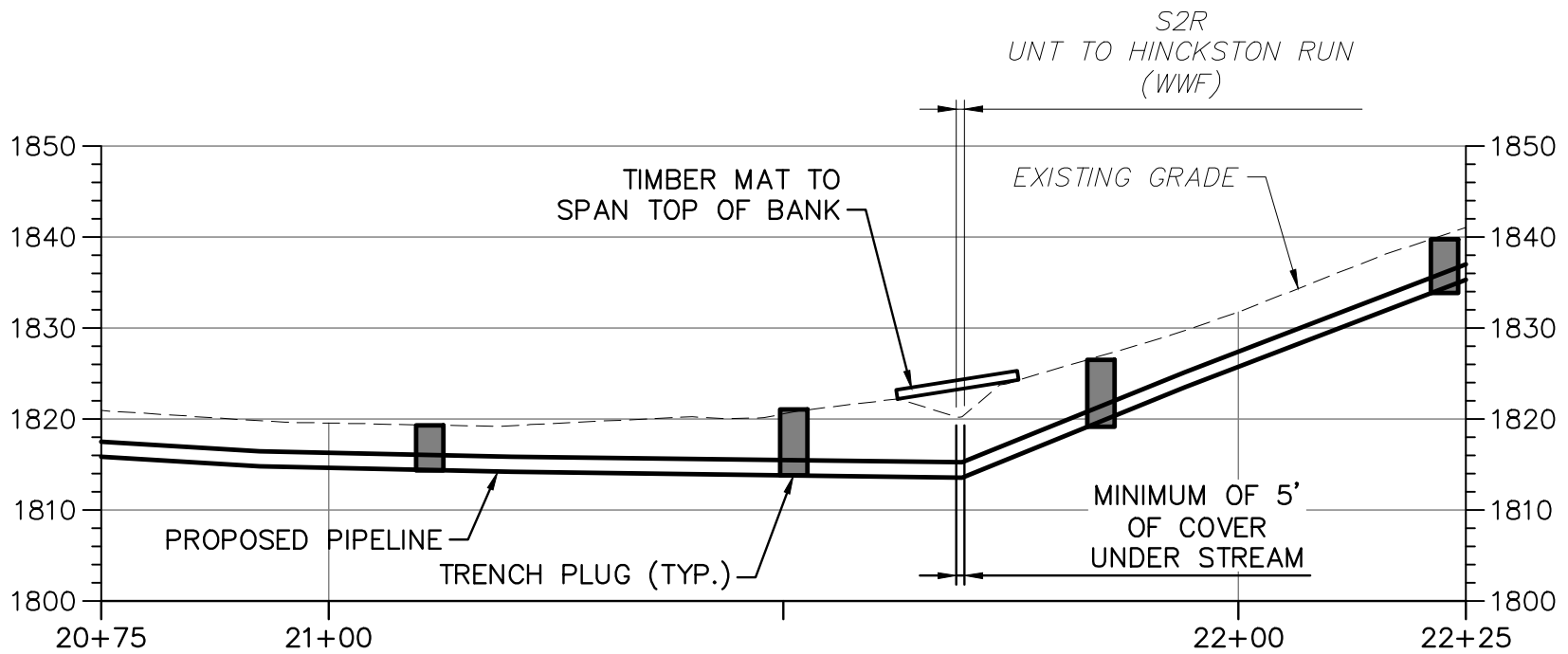
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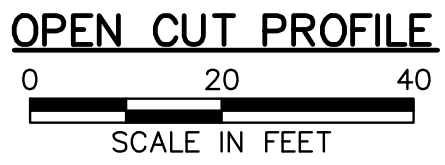
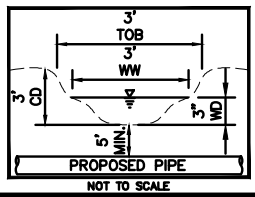
661 ANDERSEN DRIVE - FOSTER PLAZA 7
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SUNOC PIPELINE, L.P.
 SINKING SPRING, PENNSYLVANIA
 PENNSYLVANIA PIPELINE PROJECT
 CAMBRIA COUNTY CONSERVATION DISTRICT
STREAM S1R & WETLAND W2R CROSS-SECTION

DATE:	4/1/19
PROJECT NO.:	BF-00037
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	RS
SHEET:	2 OF 8
COPYRIGHT TETRA TECH INC.	
FIGURE 2	



S1R CHANNEL DATA	
TOP OF BANK (TOB)	3'
CHANNEL DEPTH (CD)	3'
WATER WIDTH (WW)	3'
WATER DEPTH (WD)	3'



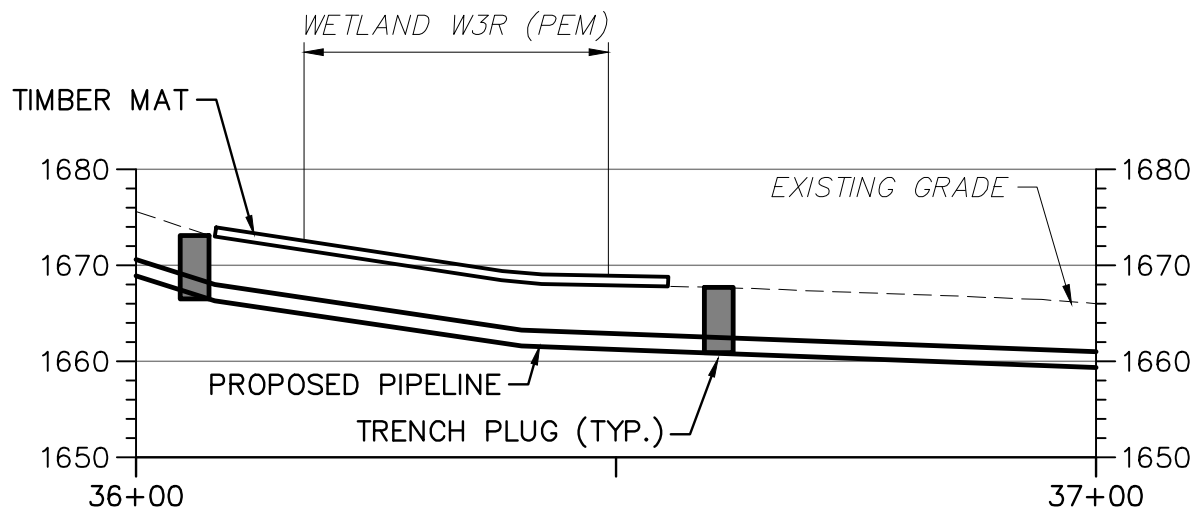
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SUNOC PIPELINE, L.P.
SINKING SPRING, PENNSYLVANIA
PENNSYLVANIA PIPELINE PROJECT
CAMBRIA COUNTY CONSERVATION DISTRICT
STREAM S2R CROSS-SECTION

DATE:	4/1/19
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FIGURE 3	



OPEN CUT PROFILE



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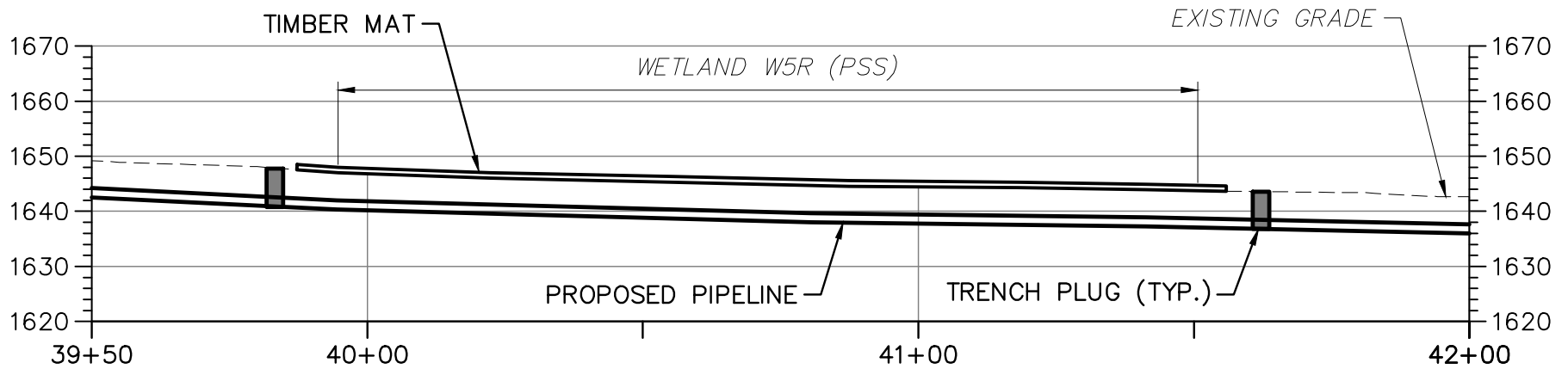
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 CAMBRIA COUNTY CONSERVATION DISTRICT
 WETLAND W3R CROSS-SECTION

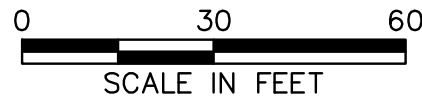
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DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	RS
SHEET:	4 OF 8

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FIGURE 4



OPEN CUT PROFILE



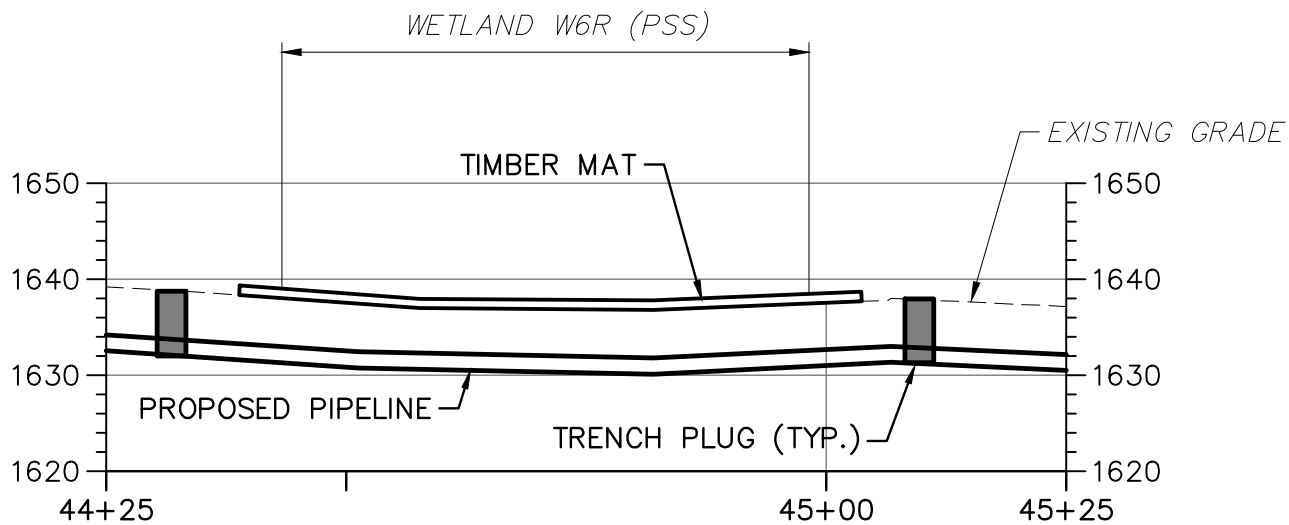
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 PENNSYLVANIA PIPELINE PROJECT
 CAMBRIA COUNTY CONSERVATION DISTRICT
 WETLAND W5R CROSS-SECTION

DATE:	4/1/19
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DRAWN BY:	BH
CHECKED BY:	RS
SHEET:	5 OF 8
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FIGURE 5	



OPEN CUT PROFILE



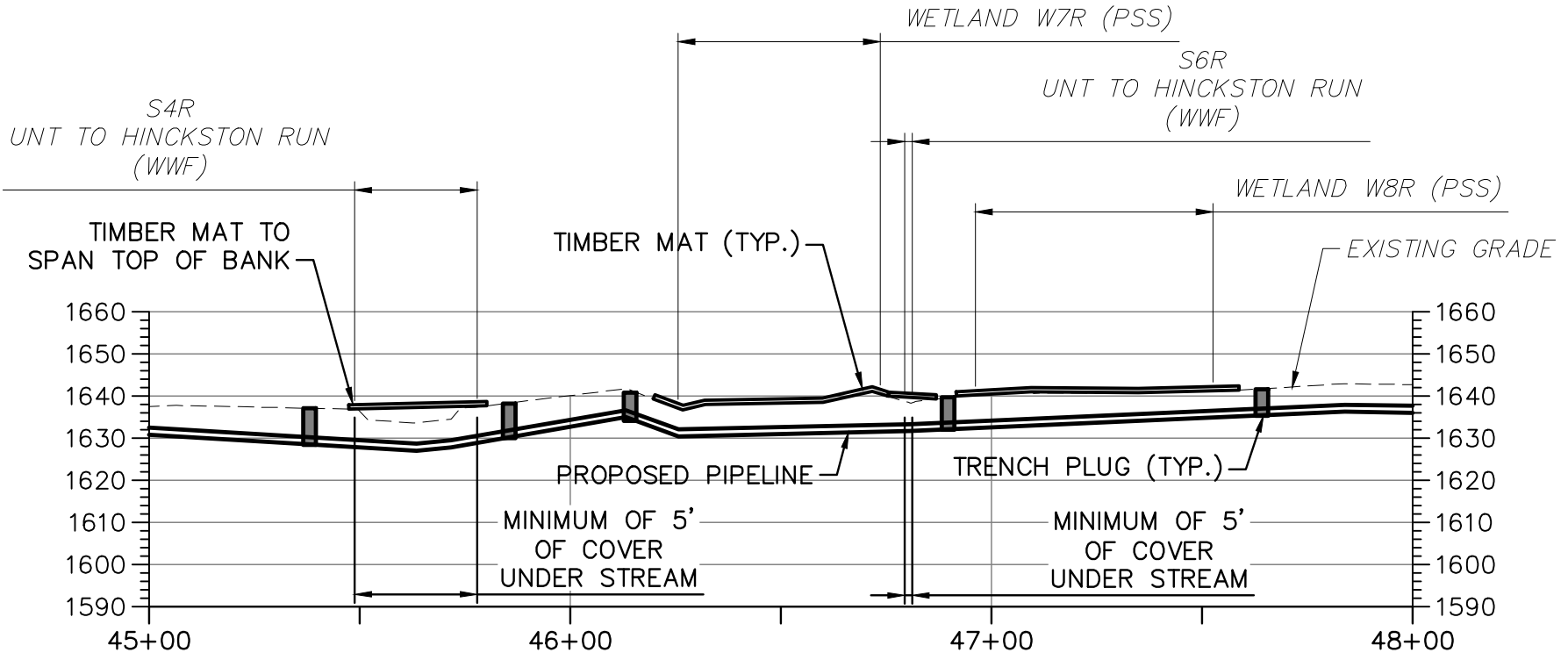
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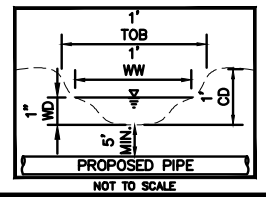
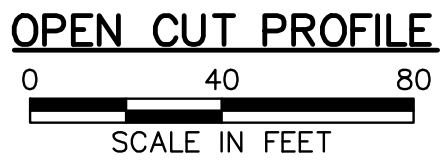
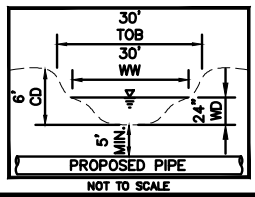
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SHEET:	6 OF 8
COPYRIGHT TETRA TECH INC.	
FIGURE 6	



S4R CHANNEL DATA	
TOP OF BANK (TOB)	30'
CHANNEL DEPTH (CD)	6'
WATER WIDTH (WW)	30'
WATER DEPTH (WD)	24"

S6R CHANNEL DATA	
1'	TOP OF BANK (TOB)
1'	CHANNEL DEPTH (CD)
1'	WATER WIDTH (WW)
1'	WATER DEPTH (WD)

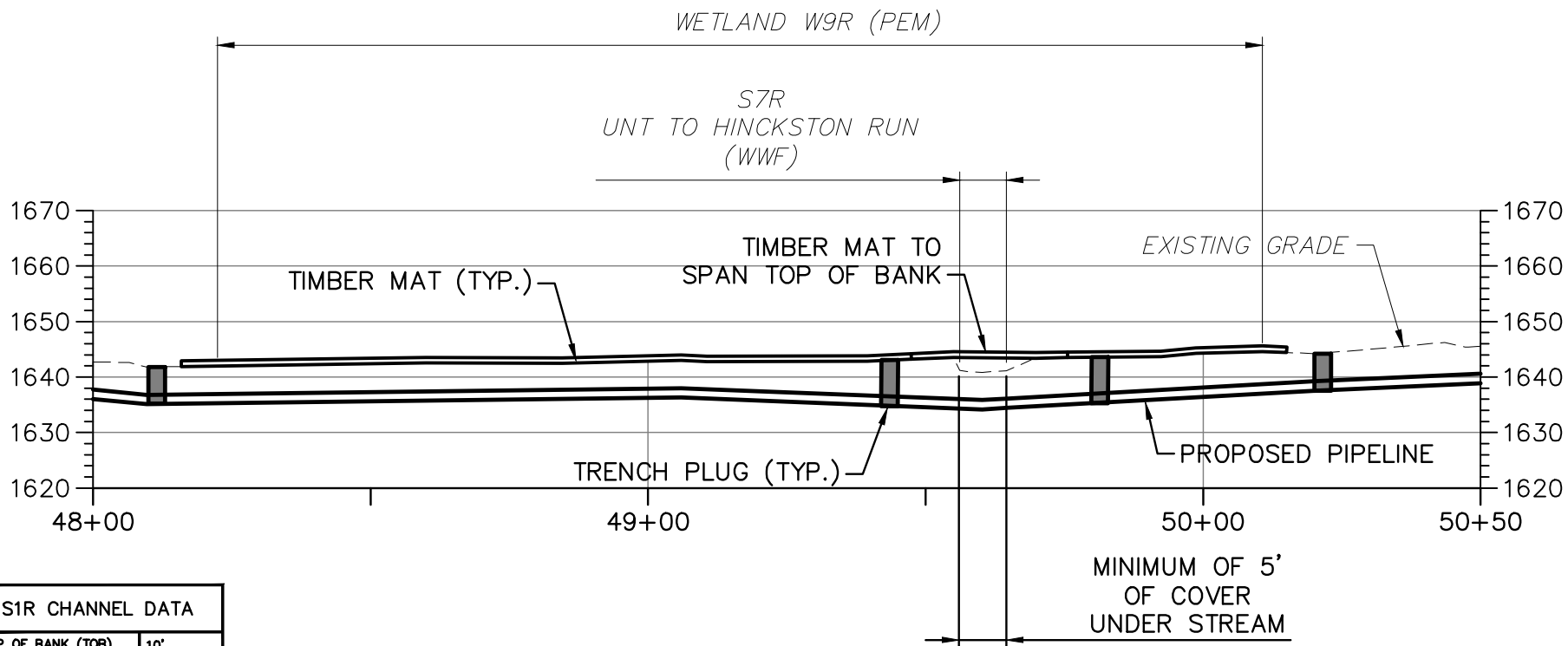


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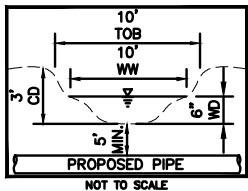
661 ANDERSEN DRIVE - FOSTER PLAZA 7
 PITTSBURGH, PA 15220
 T: (412) 921-7090 | F: (412) 921-4040

SUNOC PIPELINE, L.P.
 SINKING SPRING, PENNSYLVANIA
 PENNSYLVANIA PIPELINE PROJECT
 CAMBRIA COUNTY CONSERVATION DISTRICT
STREAMS S4R & S6R & WETLANDS W7R & W8R CROSS-SECTIONS

DATE:	4/1/19
PROJECT NO.:	BF-00037
DESIGNED BY:	BH
DRAWN BY:	BH
CHECKED BY:	RS
SHEET:	7 OF 8
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FIGURE 7	



S1R CHANNEL DATA	
TOP OF BANK (TOB)	10'
CHANNEL DEPTH (CD)	3'
WATER WIDTH (WW)	10'
WATER DEPTH (WD)	6"



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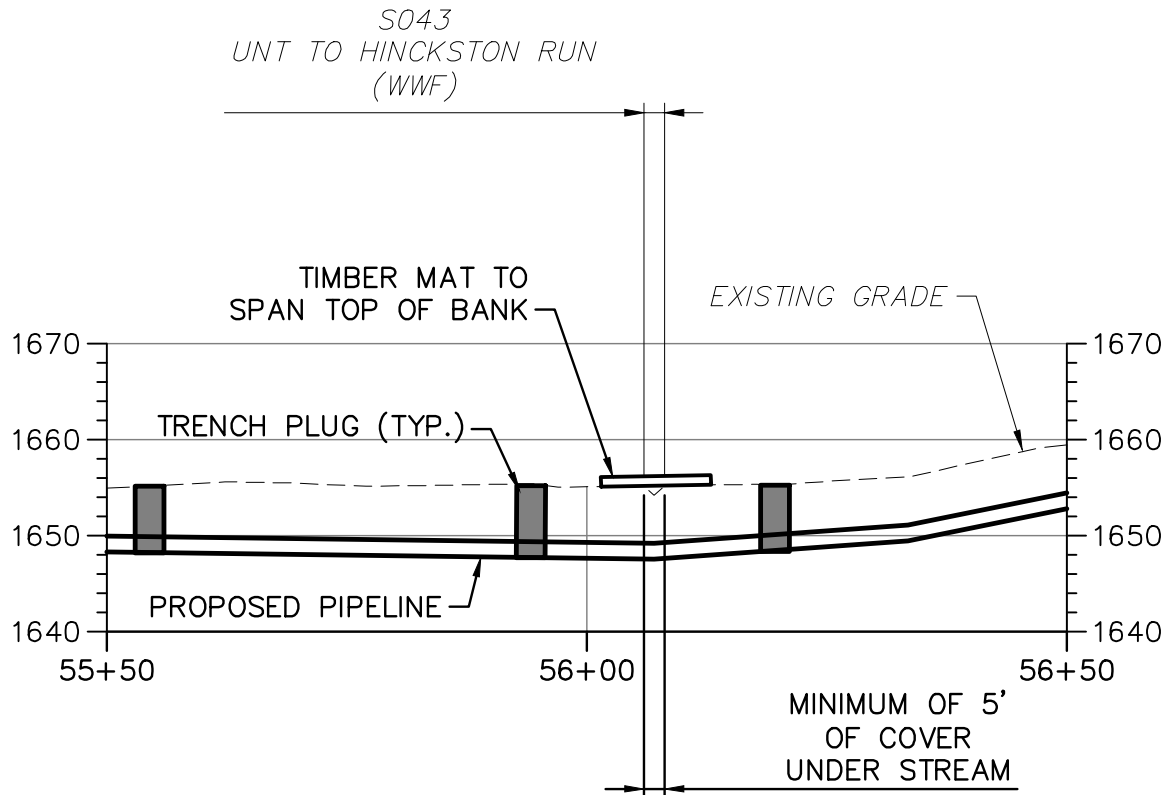
661 ANDERSEN DRIVE - FOSTER PLAZA 7
PITTSBURGH, PA 15220
T: (412) 921-7090 | F: (412) 921-4040

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PENNSYLVANIA PIPELINE PROJECT
CAMBRIA COUNTY CONSERVATION DISTRICT
STREAM S7R & WETLAND W9R CROSS-SECTION

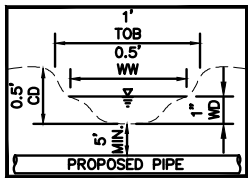
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FIGURE 8



S043 CHANNEL DATA	
TOP OF BANK (TOB)	1'
CHANNEL DEPTH (CD)	0.5'
WATER WIDTH (WW)	0.5'
WATER DEPTH (WD)	1"



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PENNSYLVANIA PIPELINE PROJECT
CAMBRIA COUNTY CONSERVATION DISTRICT
STREAM S043 CROSS-SECTION

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FIGURE 9

ATTACHMENT C

PHMC Concurrence of Negative Finding



[Home](#) > [Search](#) > Survey

Survey Detail

[Main](#) | [Location](#) | [Administration](#) | [Links](#) | [WorkFlow Communication](#)

Report Number: **Record Id:** RPT_16230 **Status:** Approved

Report Title *

Negative Survey From, Pennsylvania Pipeline Project, Goldfinch Reroute, Jackson Township, Cambria County

Author/Organization/Agency

Author * Organization

Final Report Date * No. of Pages *

Reason for Survey * Agency Type ↓

Agency ↓

Repository

Item	Repository
Report (Digital)	PHMC-Historic Preservation Office

◀ ◁ 1 ▷ ▶ ▶▶

Report *

Report Type	No. Properties	Area Surveyed	How area determined
Negative Survey Form	0	4	Imported spatial data

◀ ◁ 1 ▷ ▶ ▶▶