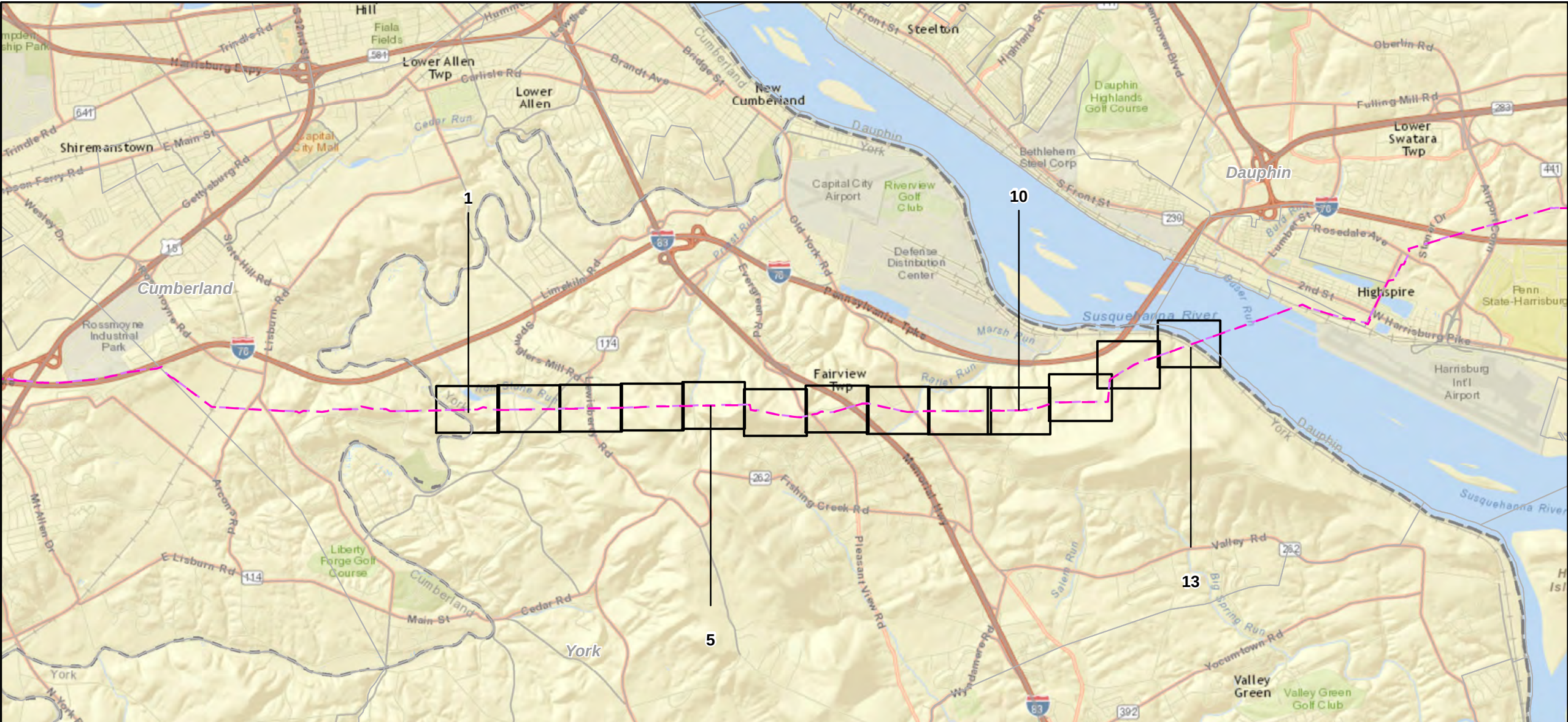
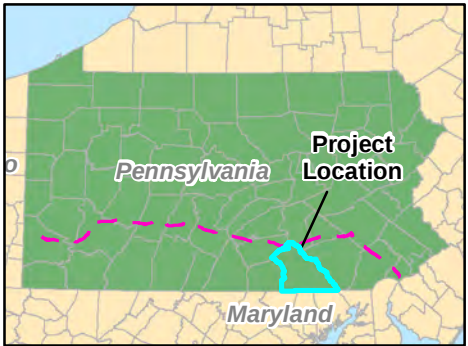


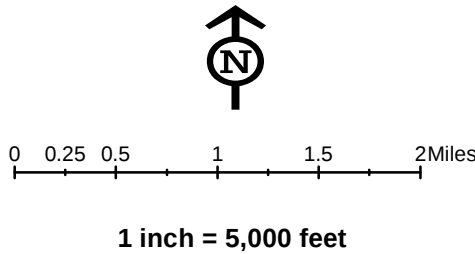


- Legend**
- Sheet Boundary
 - Swedesford Lateral
 - PPP 1
 - PPP 2
 - Township Line
 - Roads
 - County Boundary



Mapset Legend

- | | | | | |
|--------------------|------------------------------|----------------------------------|---------------------------|---|
| Sheet Boundary | Permanent ROW | Existing Buried Cable | Stream Photo | Pond |
| Roads | Temporary ROW | Existing Electric Line | PEM Photo | PEM Wetland |
| Municipal Boundary | ATWS | Existing Fiberoptic Cable | PFO Photo | PFO Wetland |
| Swedesford Lateral | Block Valve Setting LOD | Existing Gas Line | PSS Photo | PSS Wetland |
| PPP 1 | Existing Block Valve Setting | Existing Phone Line | Ephemeral Stream | PEM Extension |
| PPP 2 | Permanent Access Road | Existing Sanitary Sewer | Intermittent Stream | PFO Extension |
| PPP 1 Bore | Temporary Access Road | Existing Septic System | Perennial Stream | PSS Extension |
| PPP 2 Bore | Clearing Only | Existing Storm Sewer | Ch. 105 Floodways | Permanent Easement (no surface disturbance) |
| PPP 1 HDD | Travel Only | Existing TV Line | Waived Ch. 105 Floodways | Parcels |
| PPP 2 HDD | Stations | Existing Utility (unknown) | Ch. 106 Floodplain Fringe | Contours |
| | | Existing Water Line | | |
| | | 8" Centerline | | |
| | | 8" Pipeline Maintenance Corridor | | |

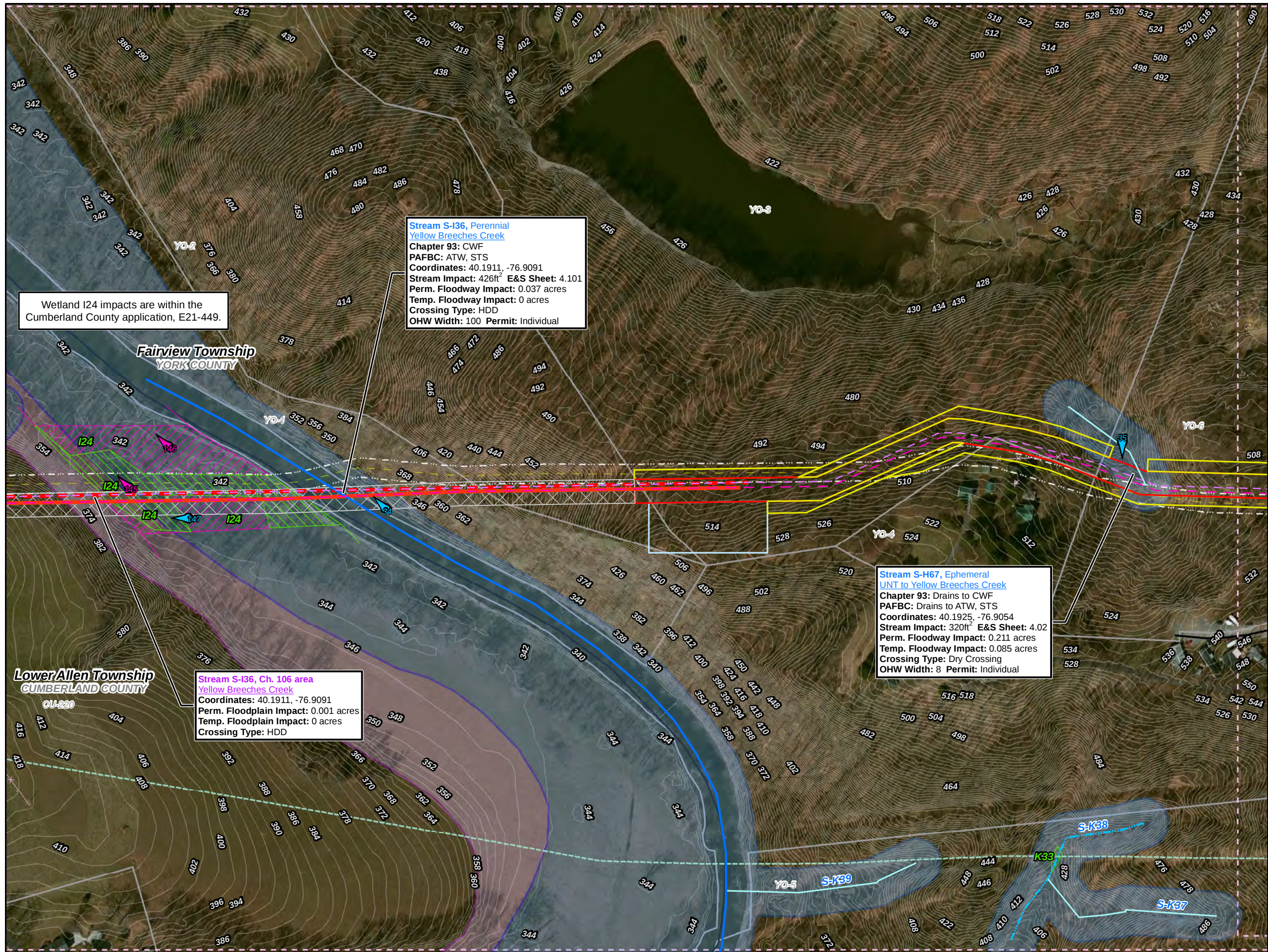


Site Plan Sheet Key for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 1 of 1

Prepared By: **TETRA TECH**
Date: 05/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Wetland I24 impacts are within the Cumberland County application, E21-449.

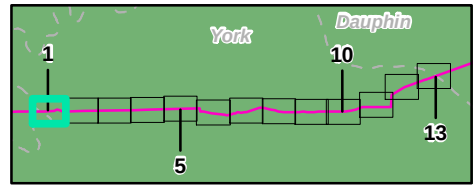
Stream S-I36, Perennial Yellow Breeches Creek
Chapter 93: CWF
PAFBC: ATW, STS
Coordinates: 40.1911, -76.9091
Stream Impact: 426ft² E&S Sheet: 4.101
Perm. Floodway Impact: 0.037 acres
Temp. Floodway Impact: 0 acres
Crossing Type: HDD
OHW Width: 100 Permit: Individual

Stream S-H67, Ephemeral UNT to Yellow Breeches Creek
Chapter 93: Drains to CWF
PAFBC: Drains to ATW, STS
Coordinates: 40.1925, -76.9054
Stream Impact: 320ft² E&S Sheet: 4.02
Perm. Floodway Impact: 0.211 acres
Temp. Floodway Impact: 0.085 acres
Crossing Type: Dry Crossing
OHW Width: 8 Permit: Individual

Stream S-I36, Ch. 106 area Yellow Breeches Creek
Coordinates: 40.1911, -76.9091
Perm. Floodplain Impact: 0.001 acres
Temp. Floodplain Impact: 0 acres
Crossing Type: HDD

Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
- Stations
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM Wetland
- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe



0 50 100 200 300 400

1 inch = 200 feet

Site Plan for the Sunoco
Pennsylvania Pipeline Project,
York County, PA.
Sheet 1 of 13

Prepared By:

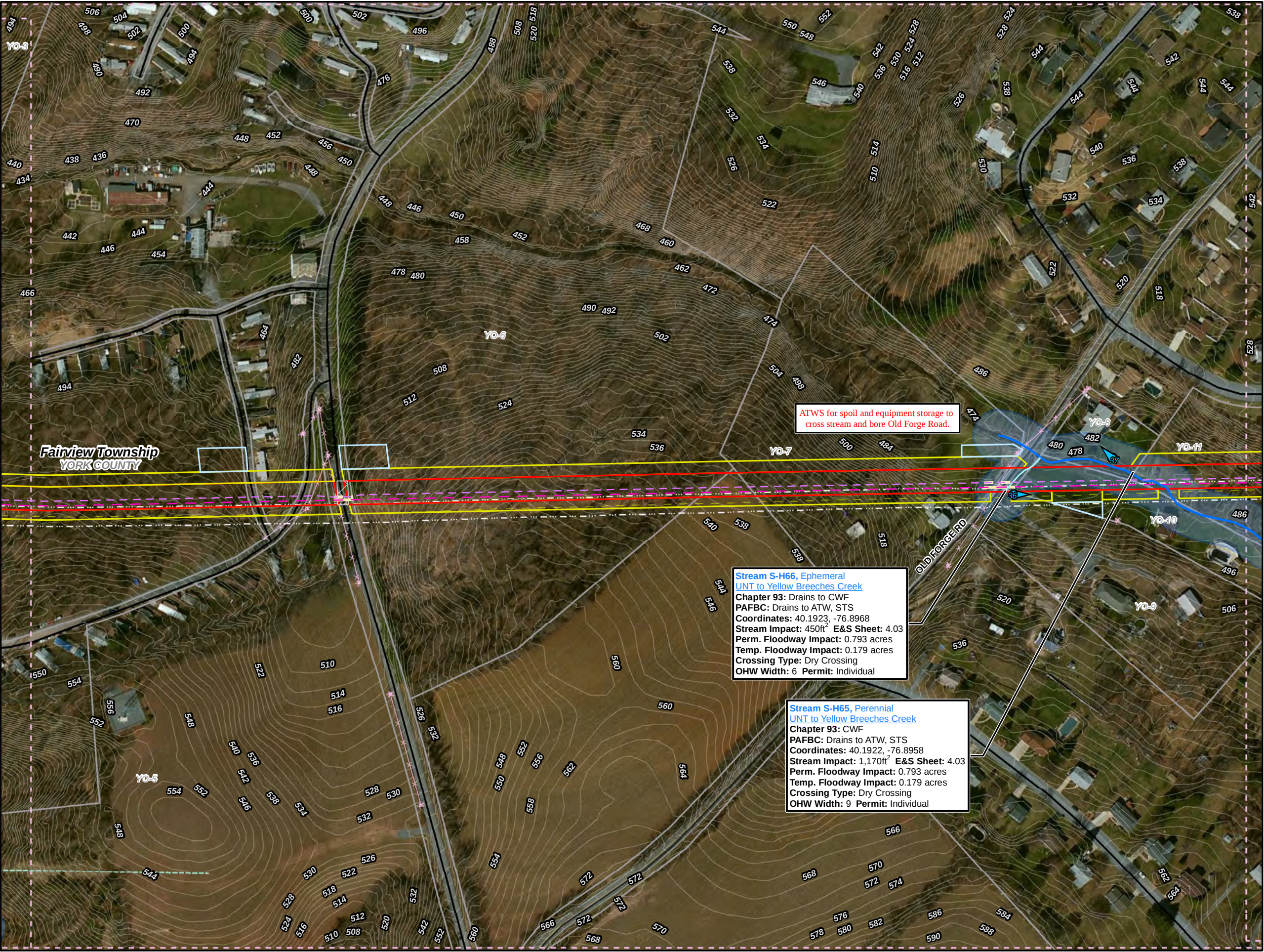


Date:

5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS
Geospatial Data Giveaway, 100-Year Floodplain from
FEMA National Flood Hazard Layer, downloaded 10/2015.

Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
- Stations
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM Wetland
- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 5 10 13

York Dauphin

N

0 50 100 200 300 400

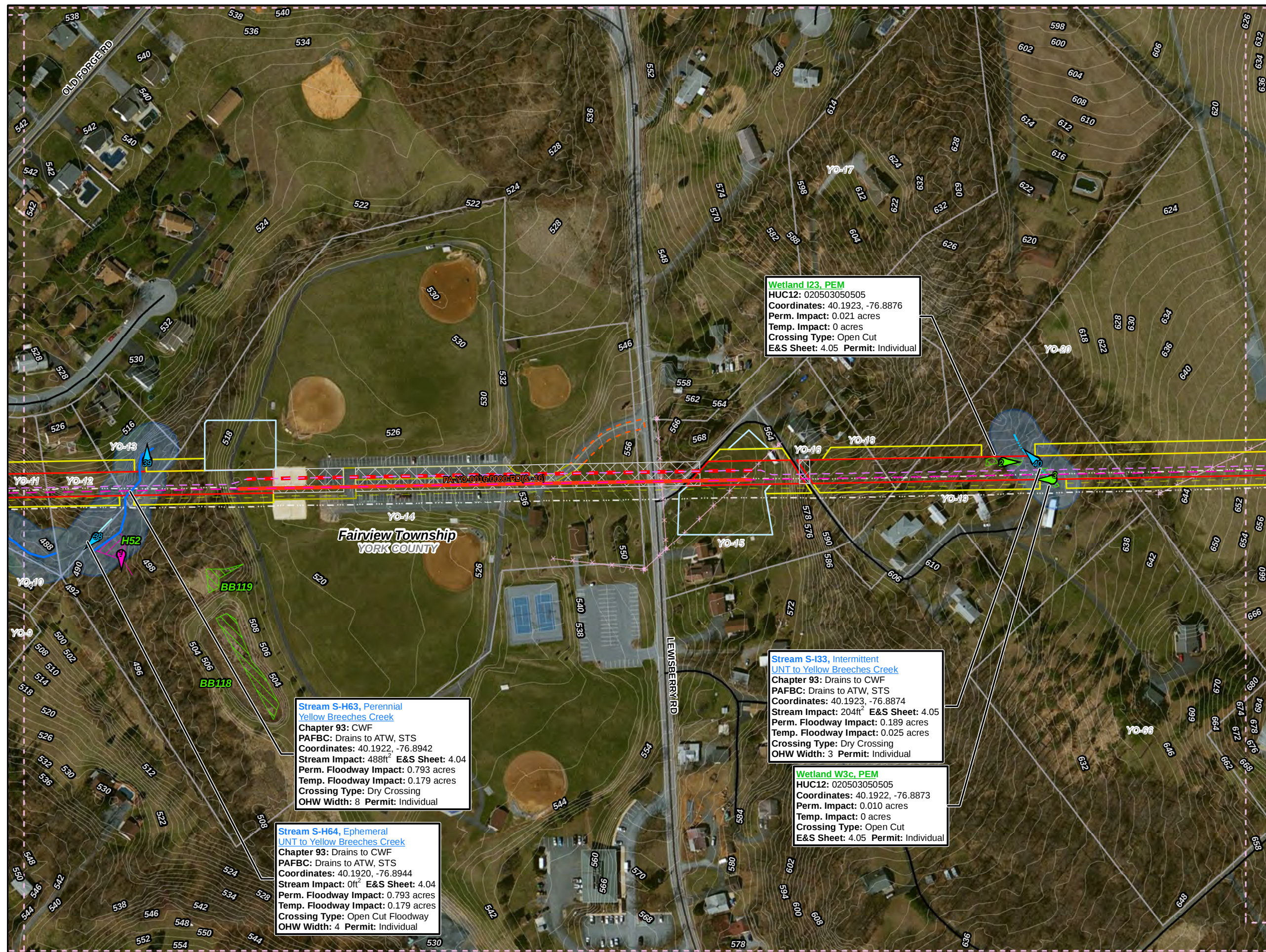
1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 2 of 13

Prepared By:	Date:
TETRA TECH	5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
- Stations
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM Wetland
- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 10 13 5

0 50 100 200 300 400

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.

Sheet 3 of 13

Prepared By:

TETRA TECH

Date:

5/2016

Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.

Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

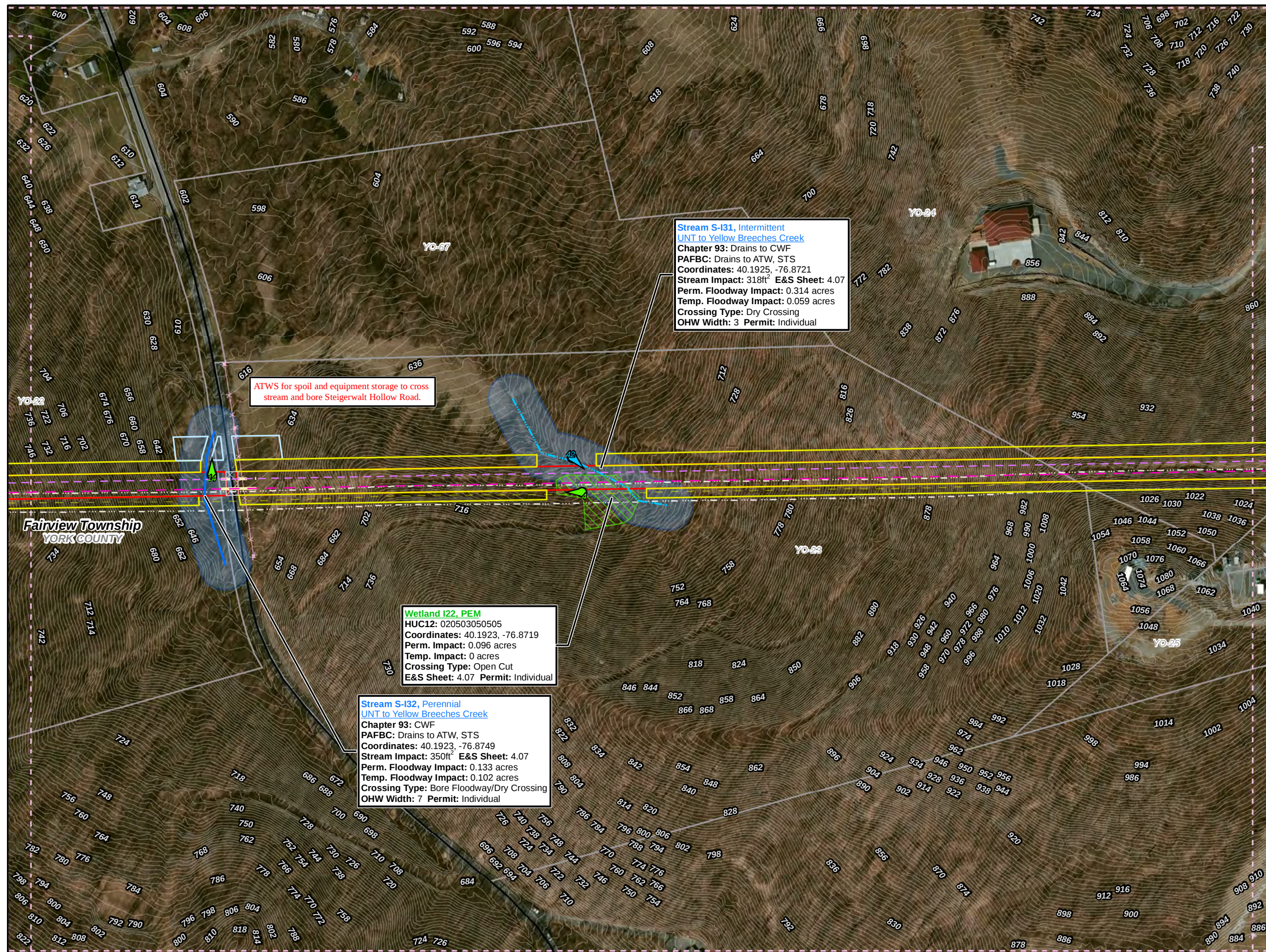
- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
- Stations
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM Wetland
- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 4 of 13

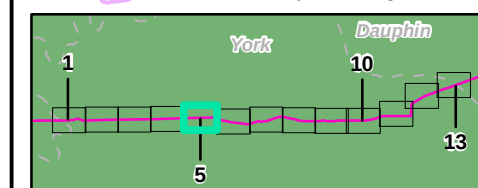
Prepared By:	Date:
TETRA TECH	5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
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- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe



0 50 100 200 300 400

1 inch = 200 feet

Site Plan for the Sunoco
Pennsylvania Pipeline Project,
York County, PA.
Sheet 5 of 13

Prepared By:

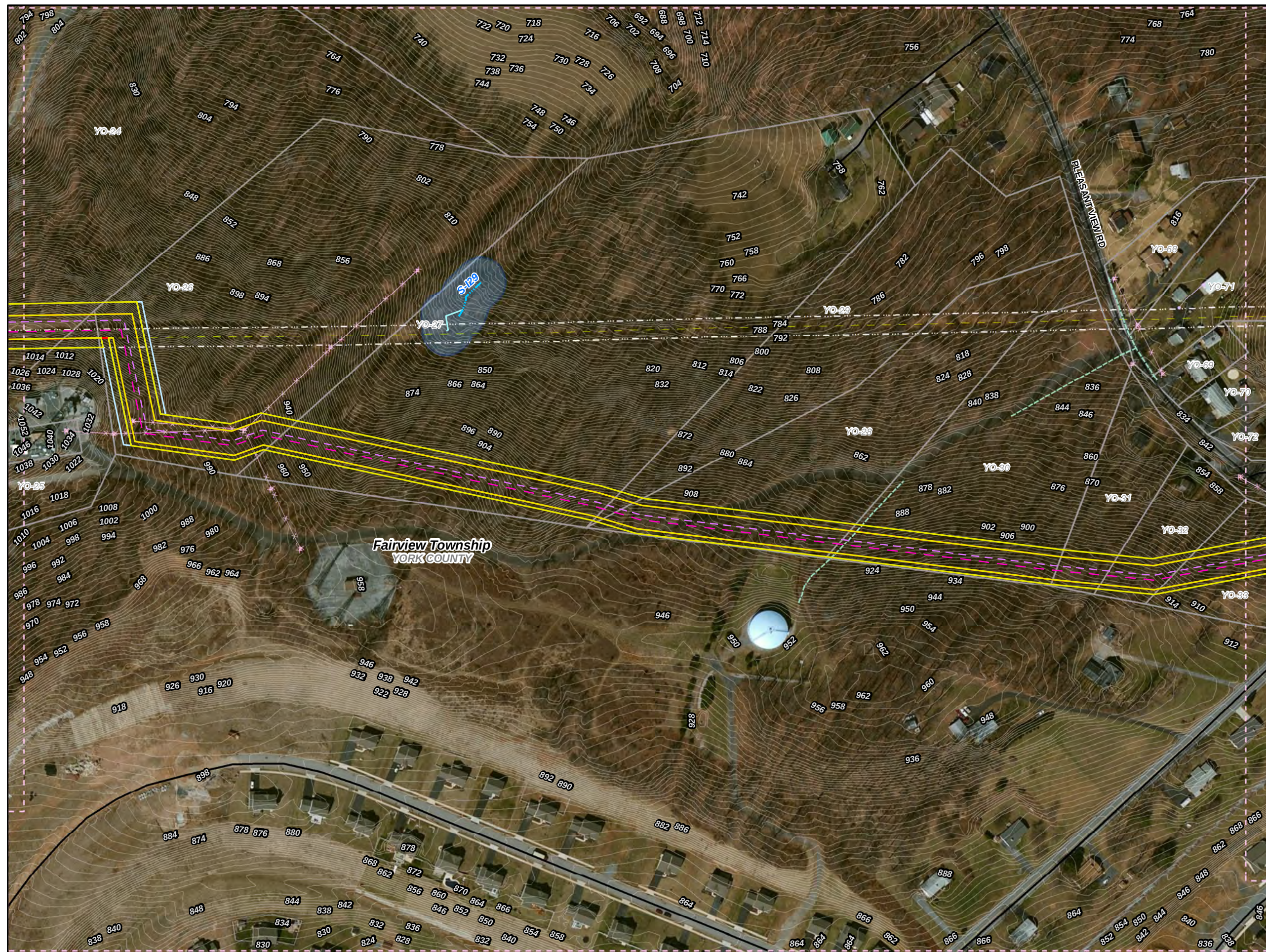


Date:

5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS
Geospatial Data Giveaway, 100-Year Floodplain from
FEMA National Flood Hazard Layer, downloaded 10/2015.

Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

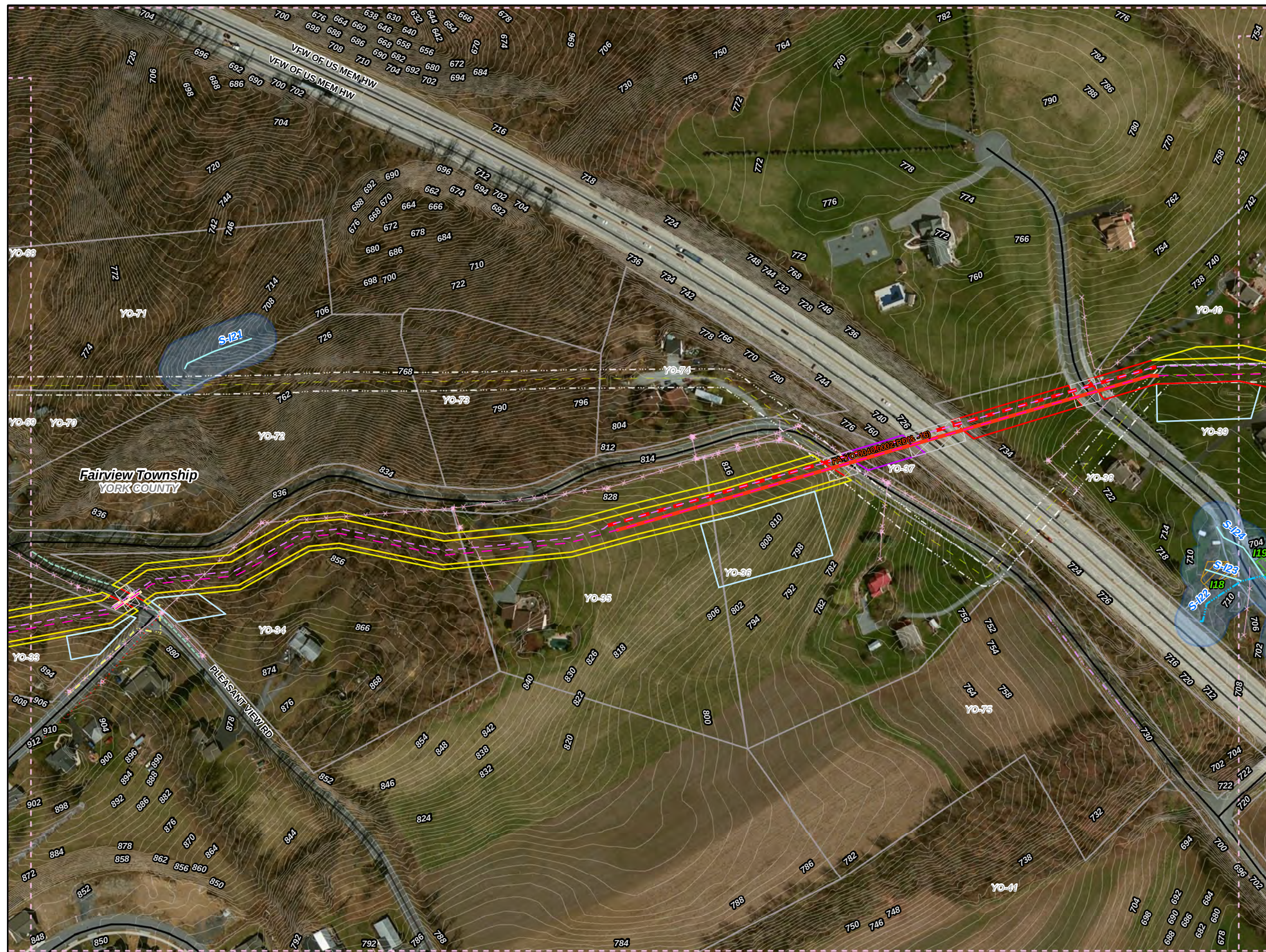
- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
- Permanent Access Road
- Temporary Access Road
- Clearing Only
- Travel Only
- Permanent Easement (no surface disturbance)
- Stations
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM Wetland
- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 6 of 13

Prepared By: 	Date: 5/2016
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Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

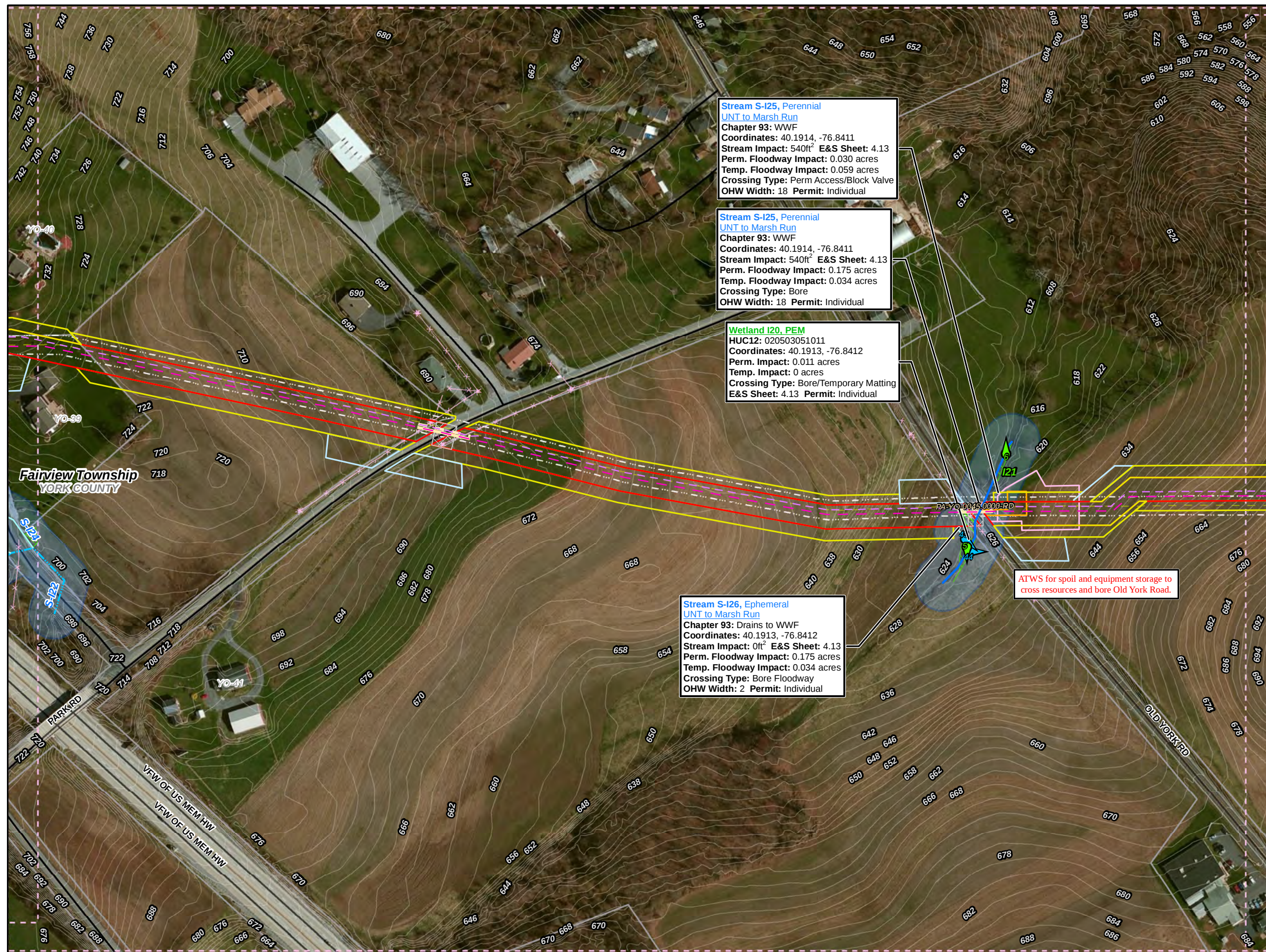
- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
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- Block Valve Setting LOD
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- Permanent Access Road
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- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

**Site Plan for the Sunoco Pennsylvania Pipeline Project,
York County, PA.
Sheet 7 of 13**

Prepared By:	Date:
TETRA TECH	5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

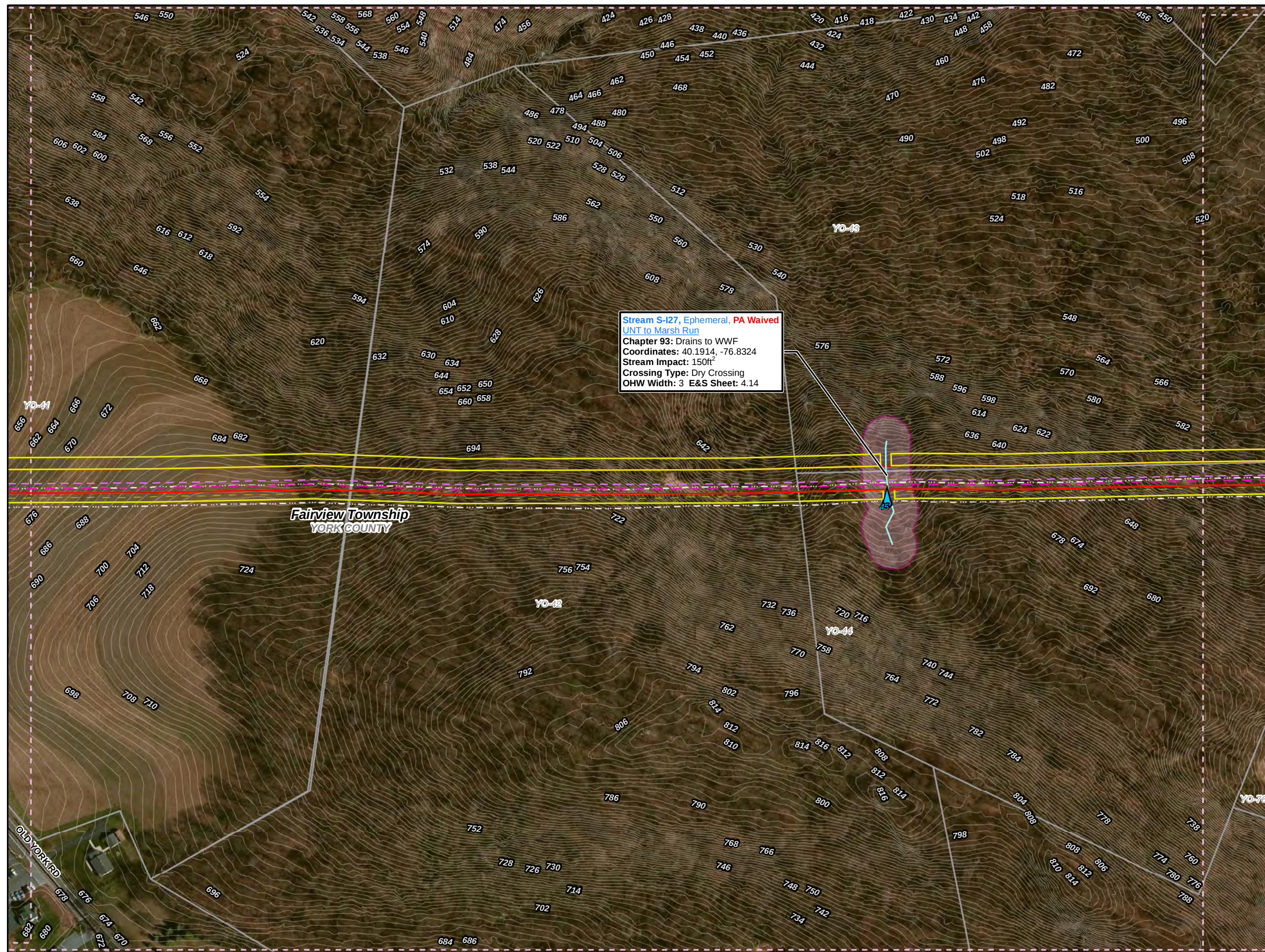
- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
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- Block Valve Setting LOD
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- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

**Site Plan for the Sunoco
Pennsylvania Pipeline Project,
York County, PA.
Sheet 8 of 13**

Prepared By: 	Date: 5/2016
-------------------------	------------------------

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
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- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

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York Dauphin

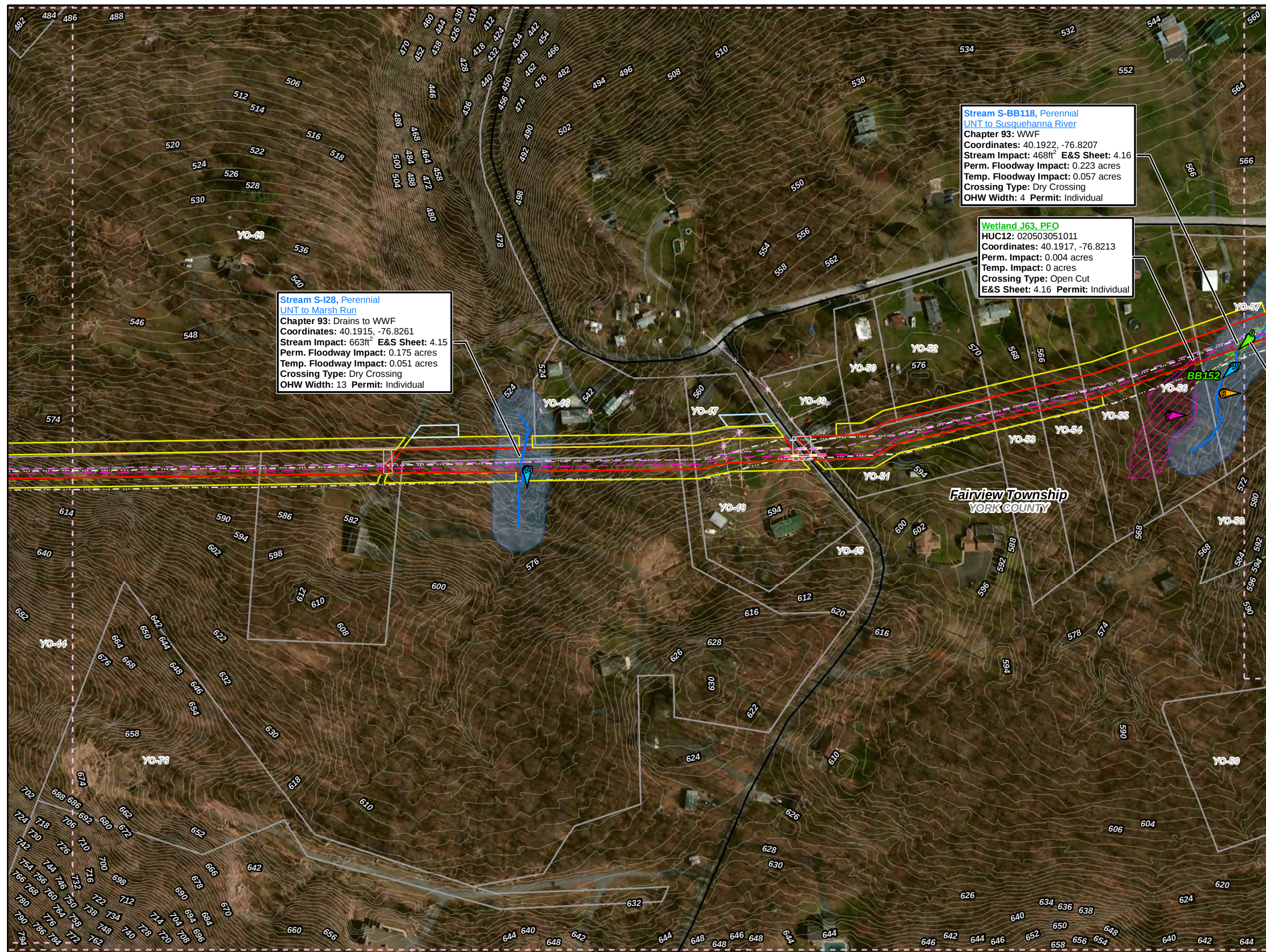
0 50 100 200 300 400

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 9 of 13

Prepared By: 	Date: 5/2016
-------------------------	------------------------

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

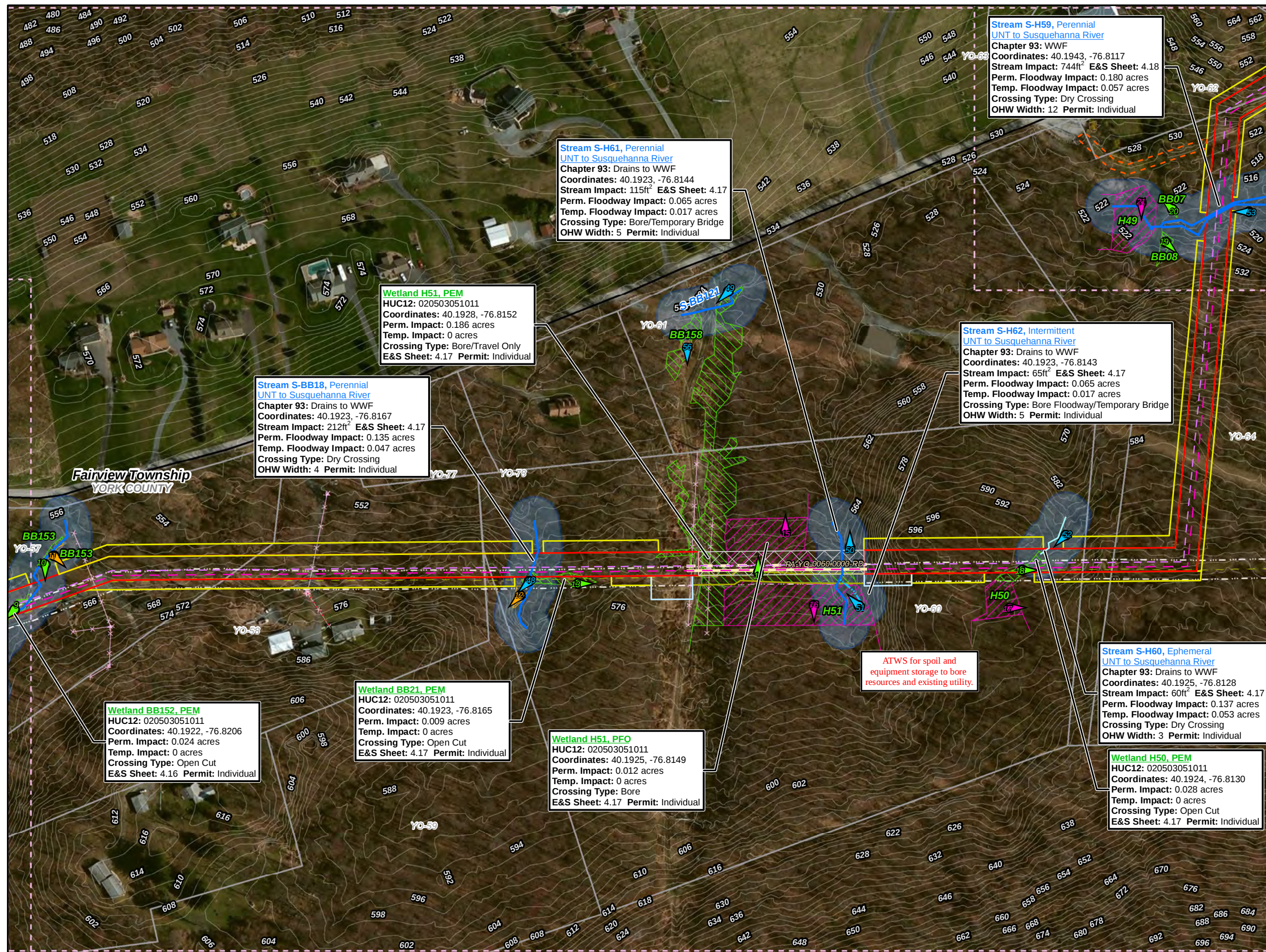
- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
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- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 10 of 13

Prepared By: TETRA TECH	Date: 5/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet



Legend

- Swedesford Lateral
- PPP 1
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- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
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- PFO Wetland
- PSS Wetland
- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

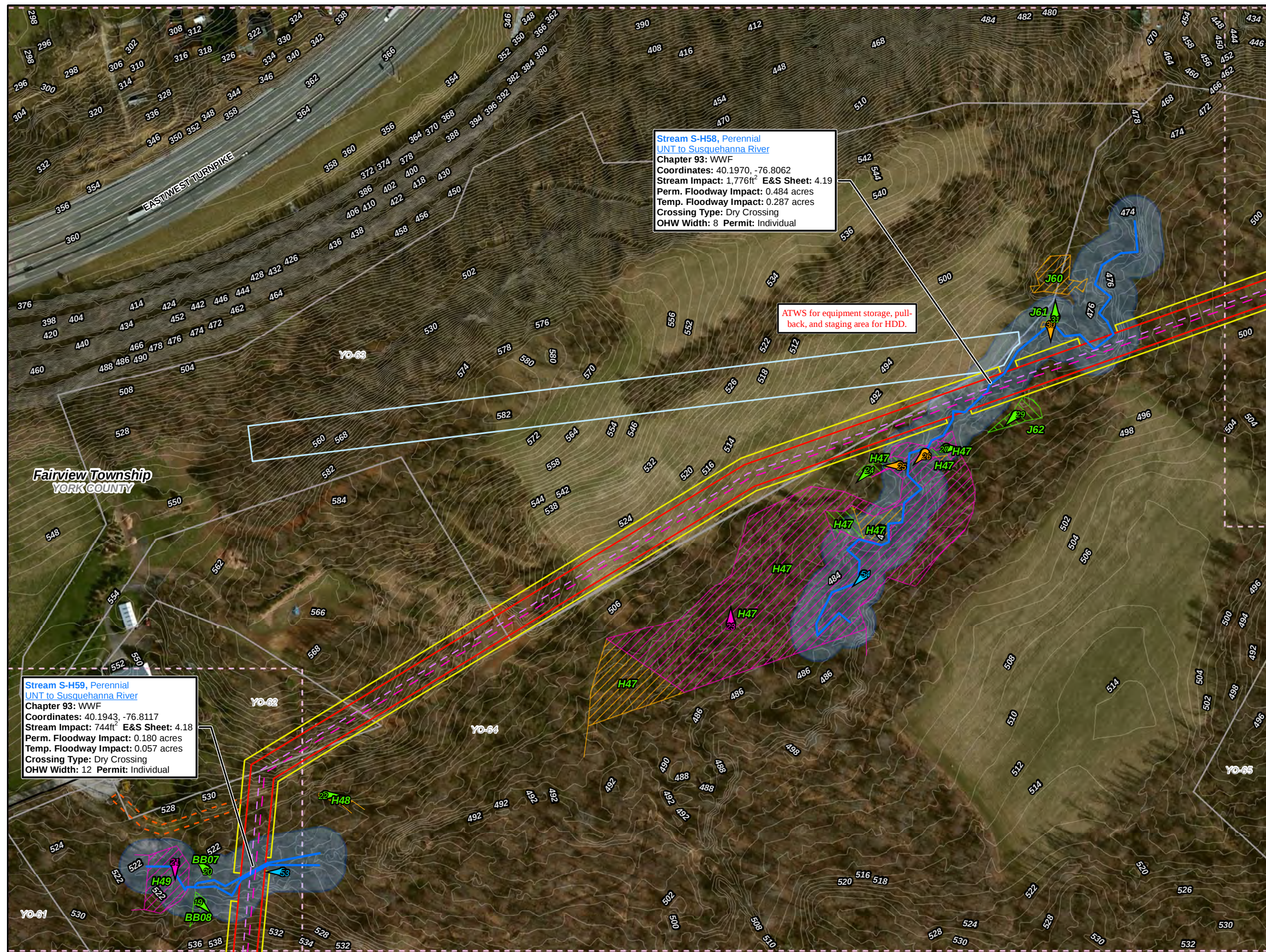
1 inch = 200 feet

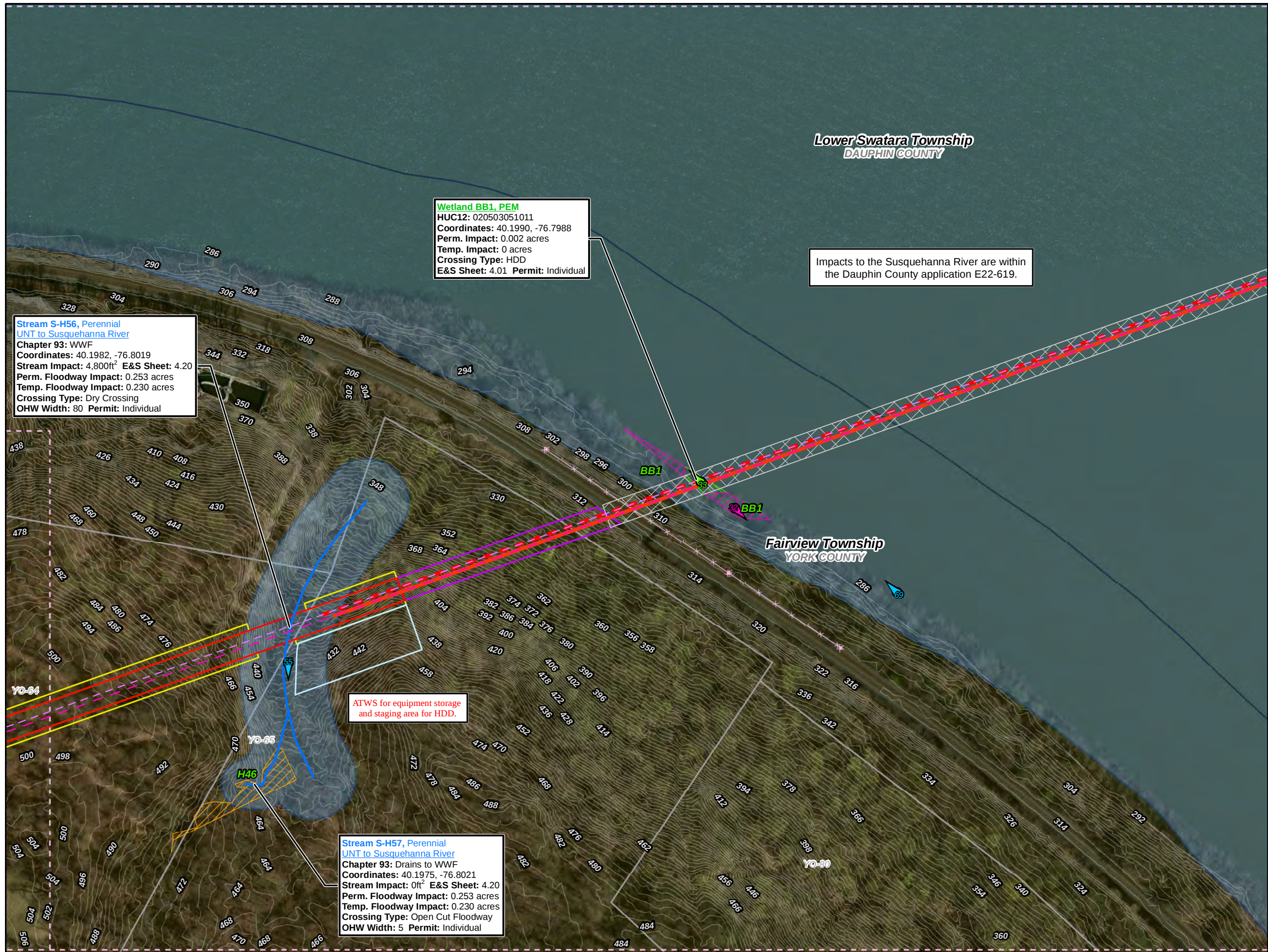
Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.

Sheet 11 of 13

Prepared By:	Date:
TETRA TECH	5/2016

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet





Legend

- Swedesford Lateral
- PPP 1
- PPP 2
- PPP 1 Bore
- PPP 2 Bore
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary ROW
- ATWS
- Block Valve Setting LOD
- Existing Block Valve Setting
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- Temporary Access Road
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- Ch. 105 Floodways
- Waived Ch. 105 Floodways
- Ch. 106 Floodplain Fringe

1 inch = 200 feet

Site Plan for the Sunoco Pennsylvania Pipeline Project, York County, PA.
Sheet 13 of 13

Prepared By: 	Date: 5/2016
-------------------------	------------------------

Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 10/2015.
Coordinate System: NAD 83 Stateplane, PA South, Feet