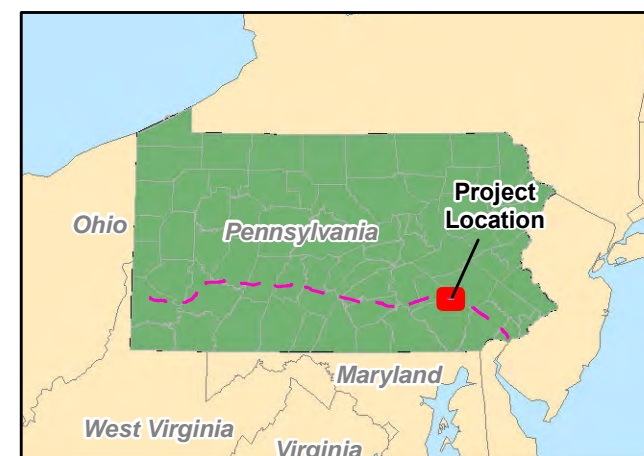


**Legend**

- PPP 1
- PPP 2
- Township Line
- Sheet Boundary
- Roads
- County Boundary

**Mapset Legend**

- |                                  |                           |             |
|----------------------------------|---------------------------|-------------|
| Sheet Boundary                   | Stations                  | Pond        |
| Roads                            | Ephemeral Stream          | PEM Wetland |
| PPP 1                            | Intermittent Stream       | PFO Wetland |
| PPP 2                            | Perennial Stream          | PSS Wetland |
| 8" Centerline                    | Ch. 105 Floodways         |             |
| 8" Pipeline Maintenance Corridor | Waived Ch. 105 Floodways  |             |
| PPP LOD                          | Ch. 106 Floodplain Fringe |             |



0 0.25 0.5 1 1.5 2 Miles

1 inch = 6000 feet

**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
Sheet 1 of 1

Prepared By:

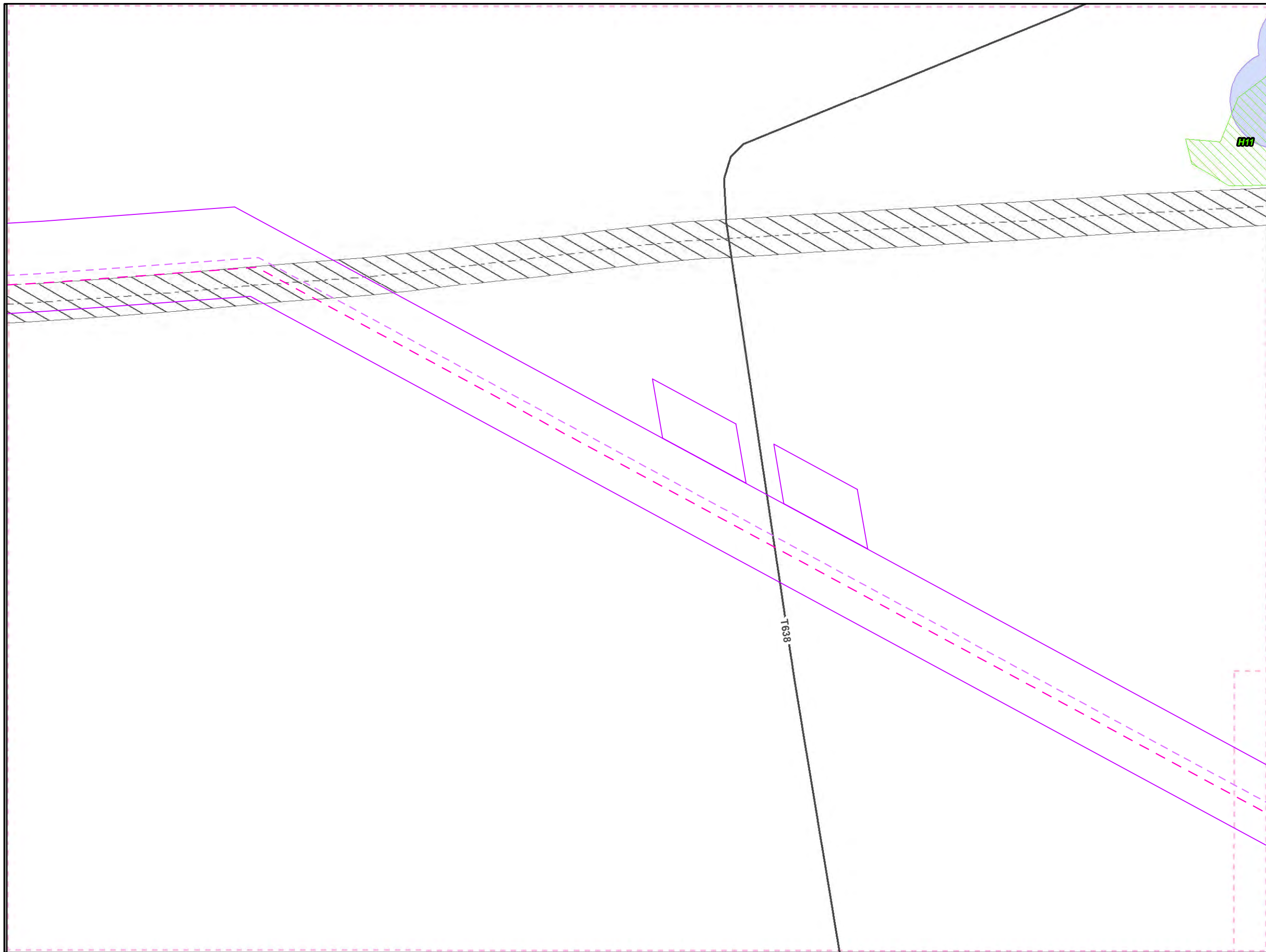


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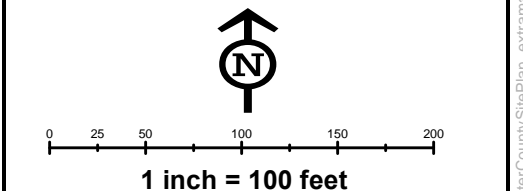
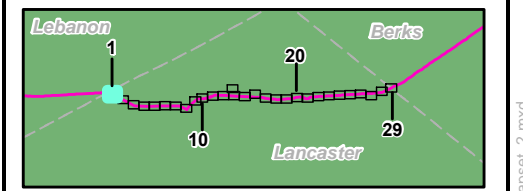
11/2016

Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet



- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

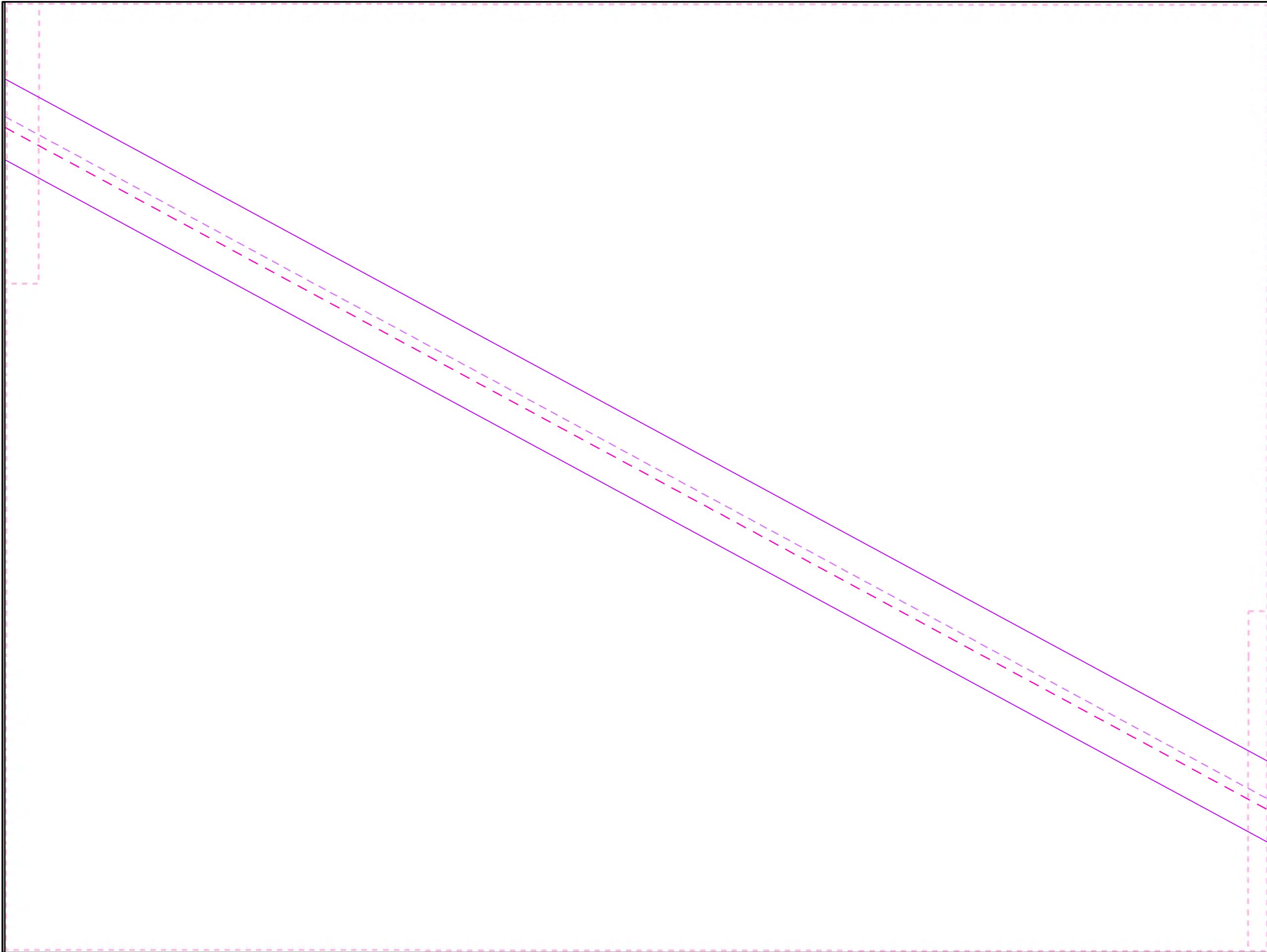


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
1 of 29**

<b>Prepared By:</b> 	<b>Date:</b> 11/2016
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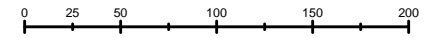
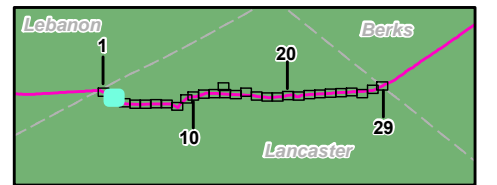
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- PPP 1
- PPP 2
- PPP LOD
- - - 8" Centerline
- 8" Pipeline Maintenance Corridor
- 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
- Roads
- Sheet Boundary



1 inch = 100 feet

**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
2 of 29**

**Prepared By:**

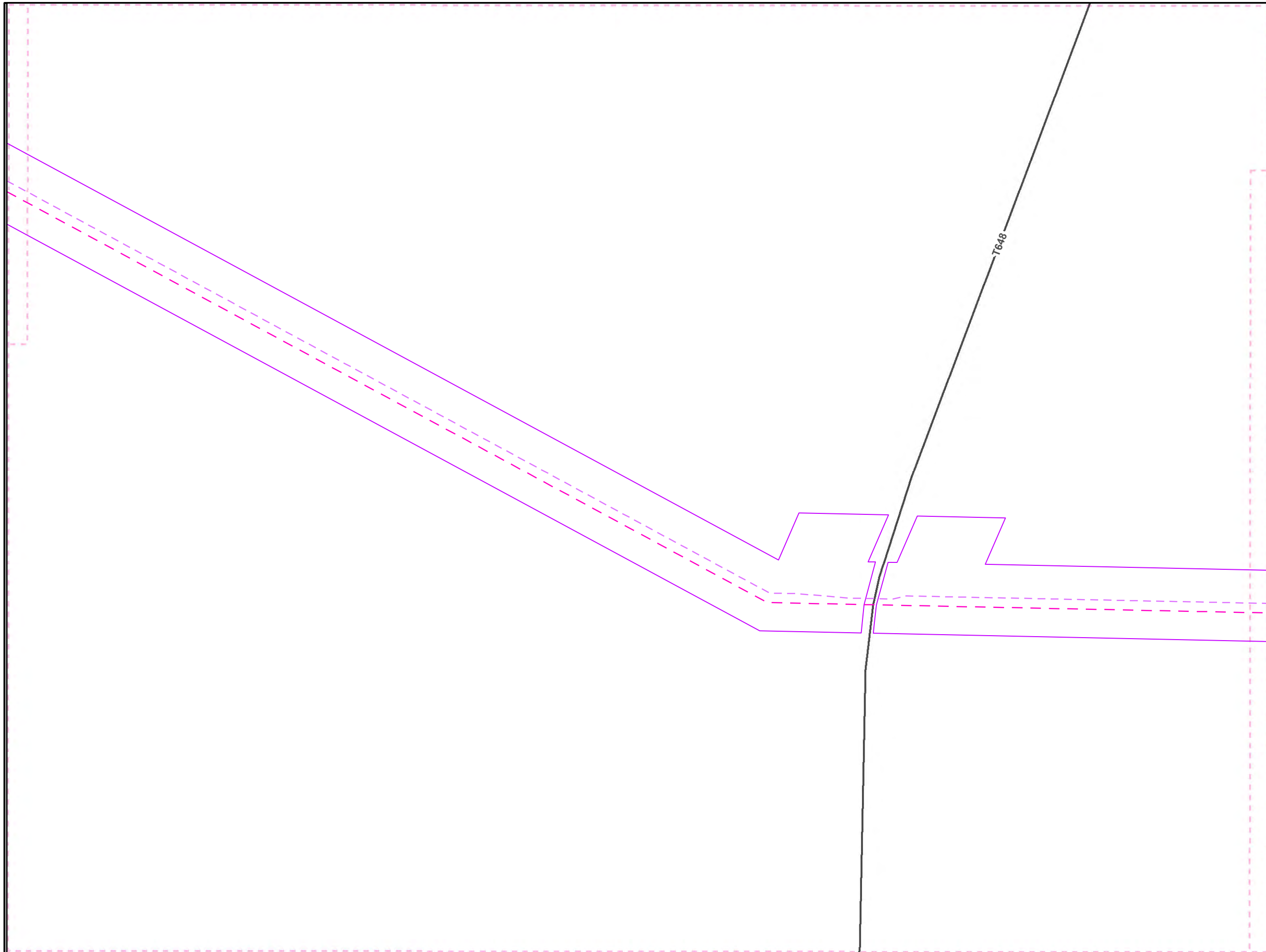


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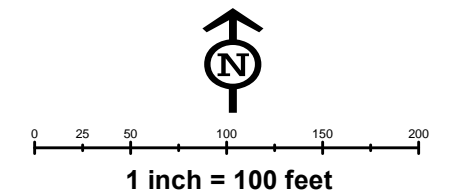
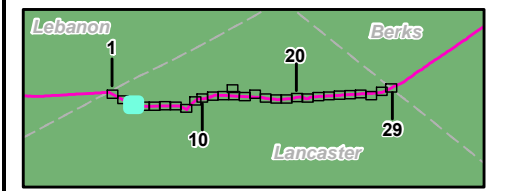
**11/2016**

Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet



- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - ▣ 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
  - Roads
  - Sheet Boundary

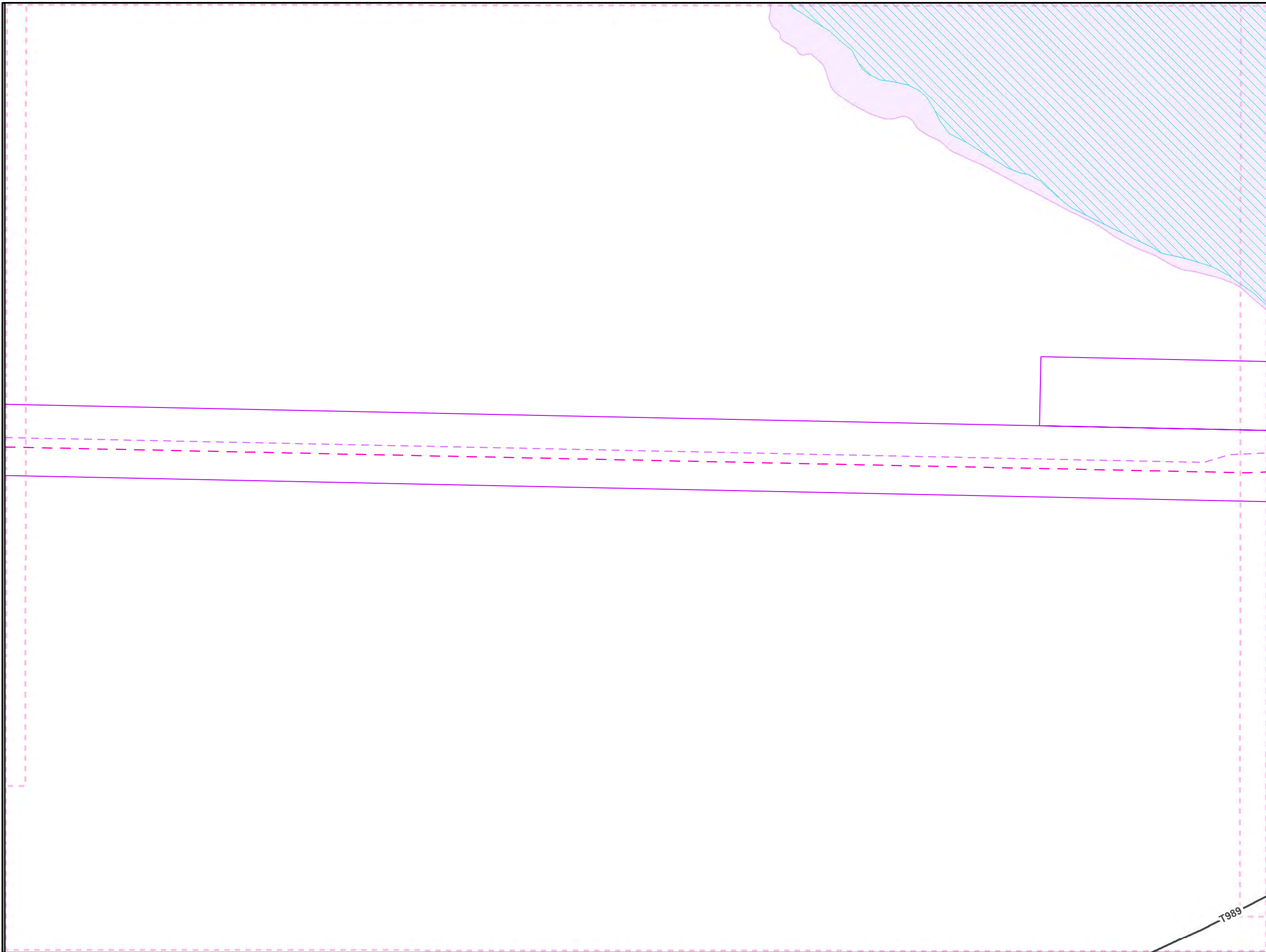


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
3 of 29**

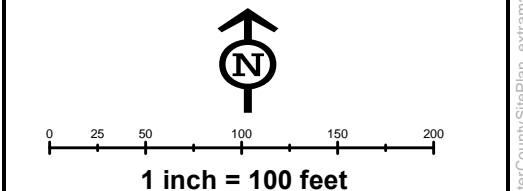
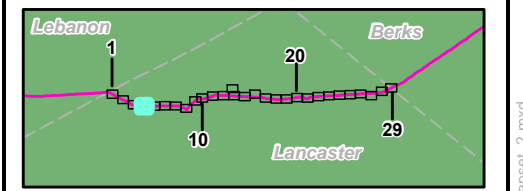
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - - - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

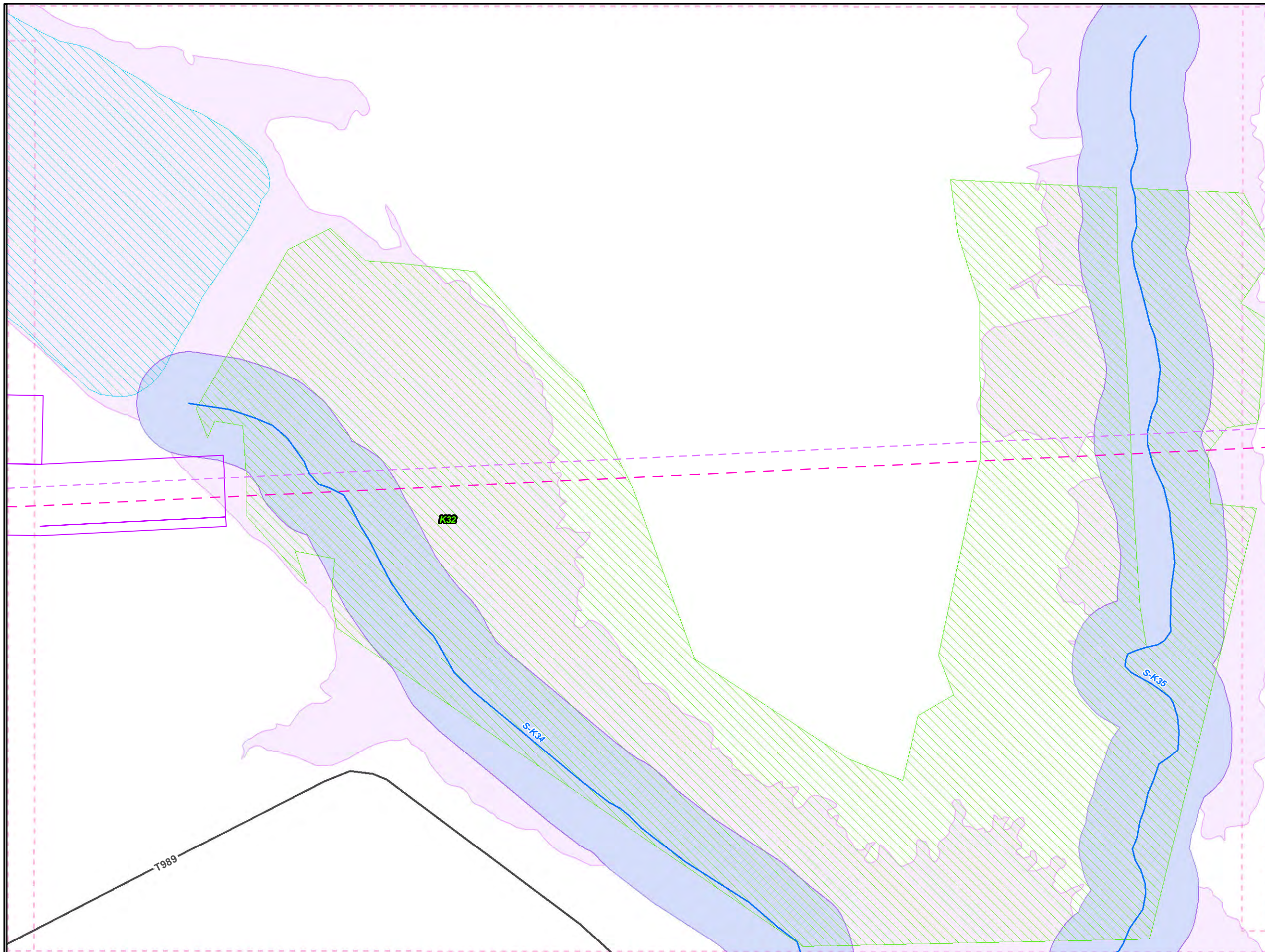


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
4 of 29**

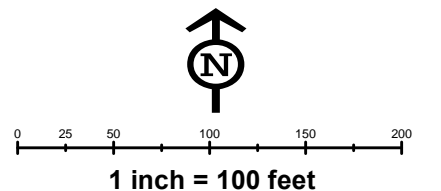
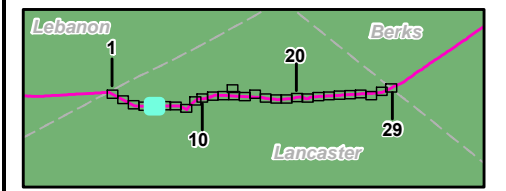
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

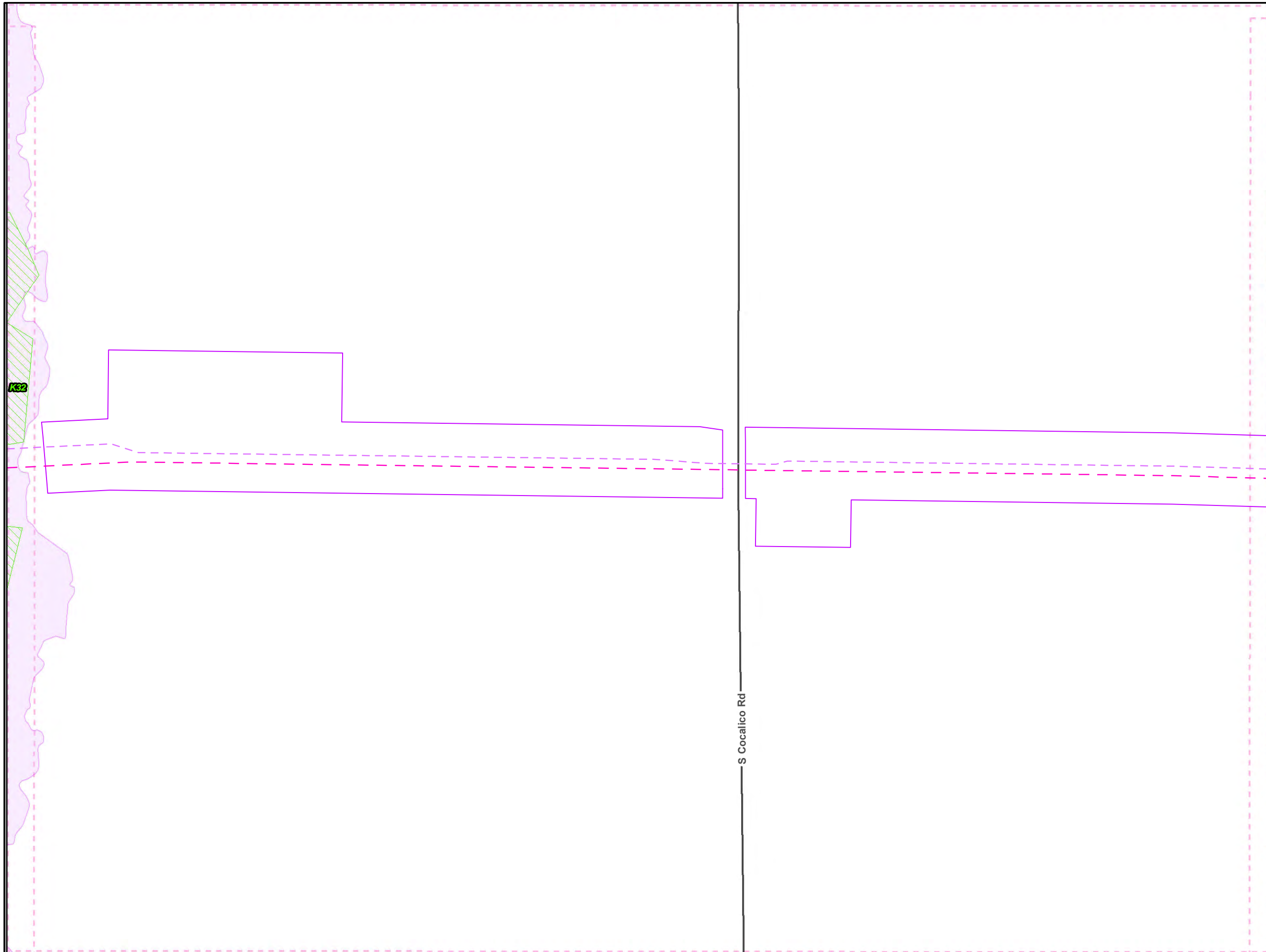


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
5 of 29**

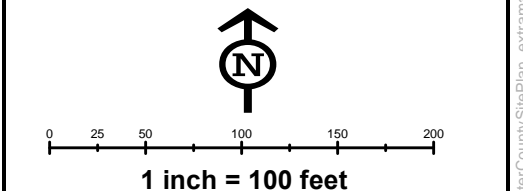
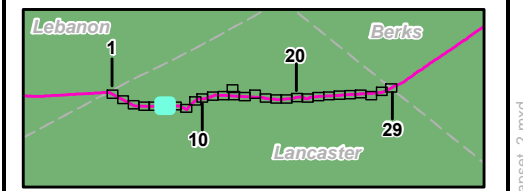
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - - - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

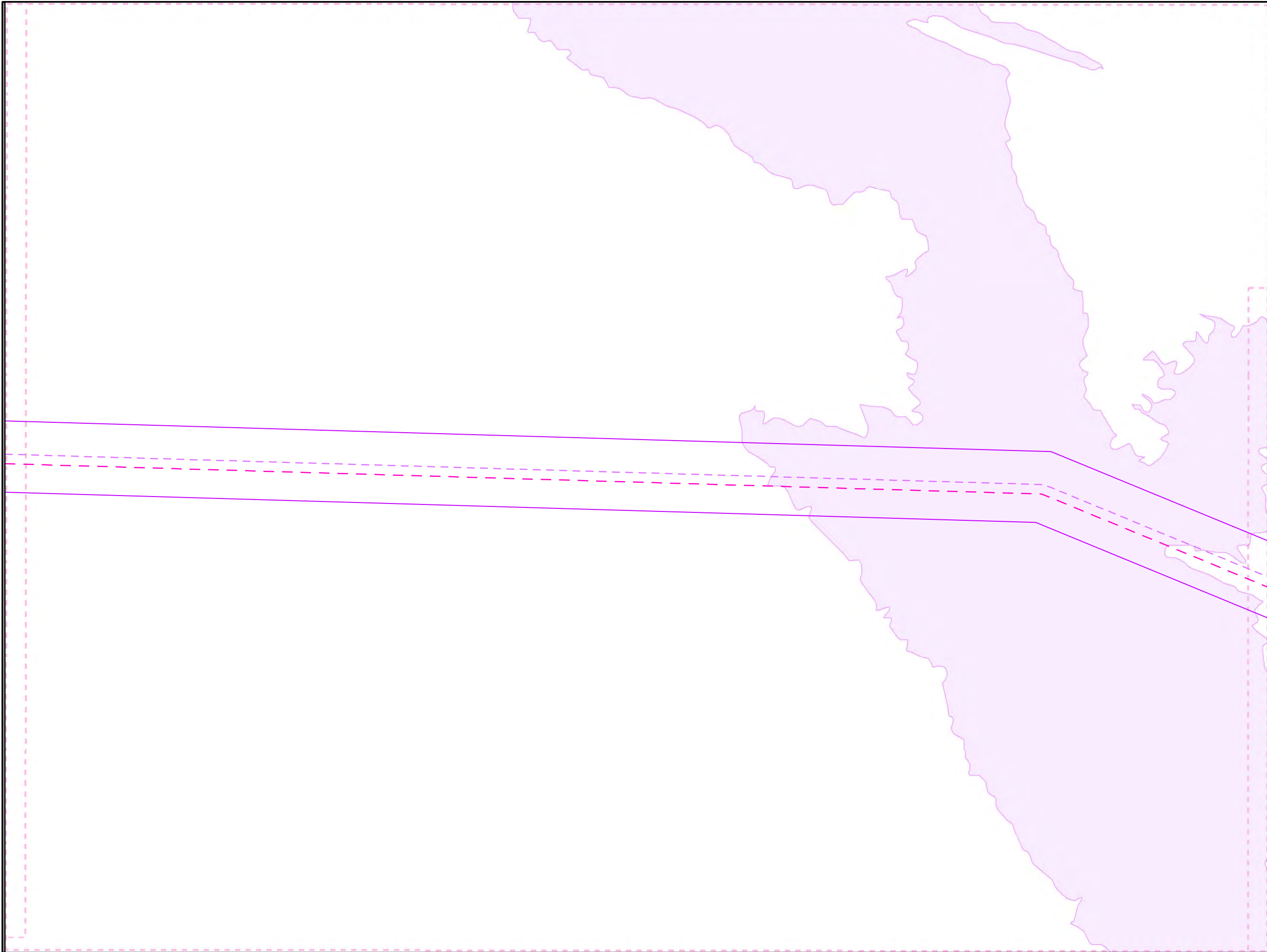


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
6 of 29**

<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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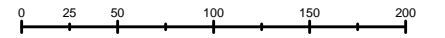
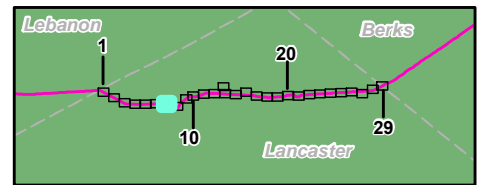
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- PPP 1
- PPP 2
- PPP LOD
- / / 8" Centerline
- 8" Pipeline Maintenance Corridor
- 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
- Roads
- Sheet Boundary



1 inch = 100 feet

**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
7 of 29**

**Prepared By:**



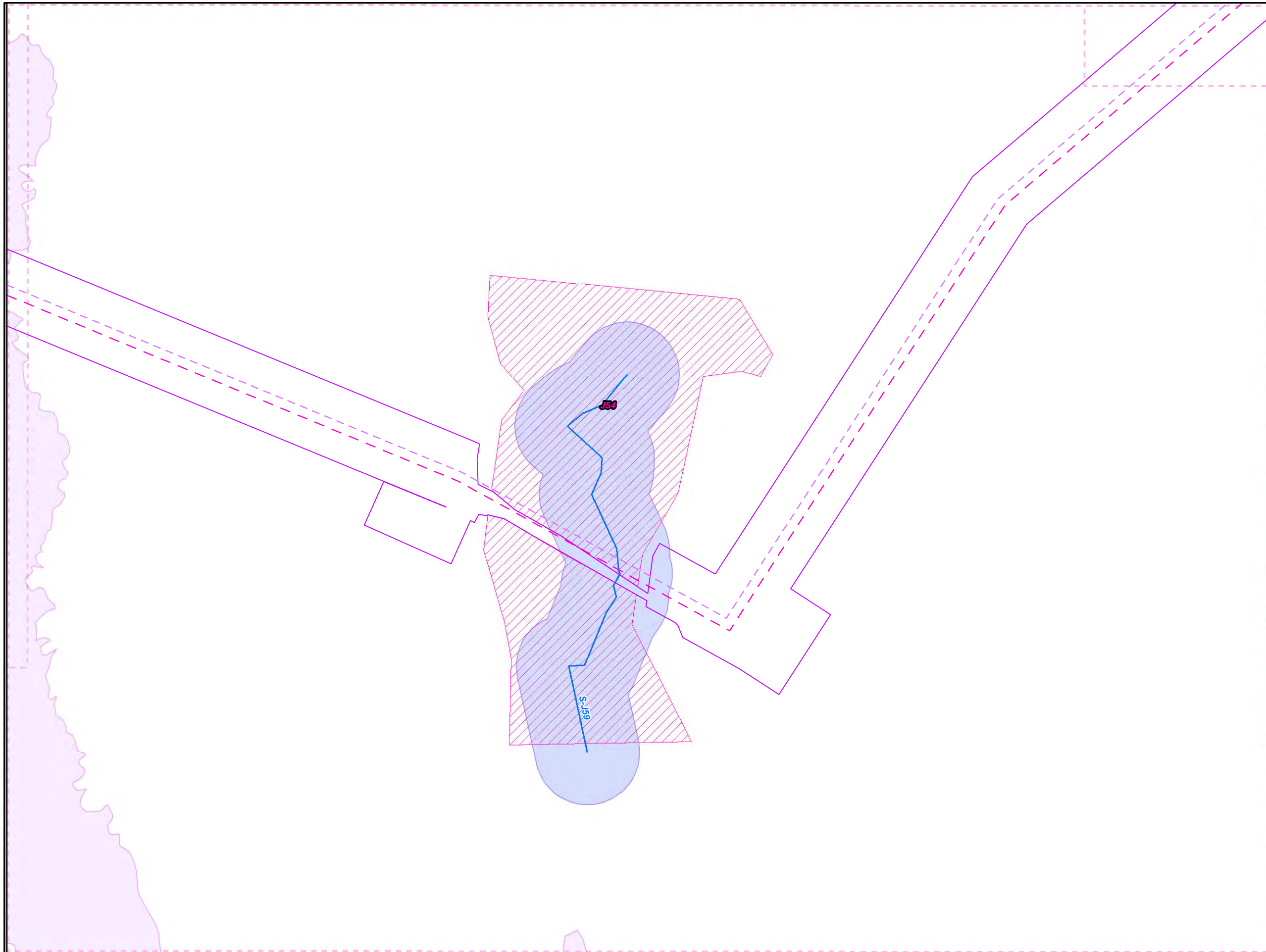
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**11/2016**

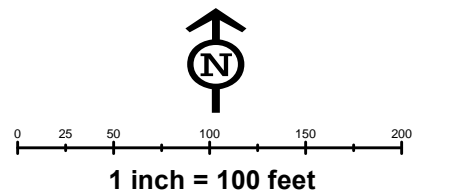
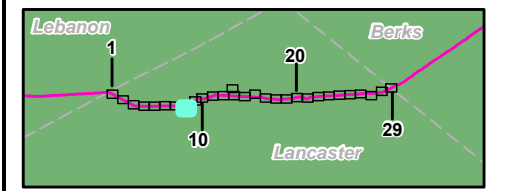
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

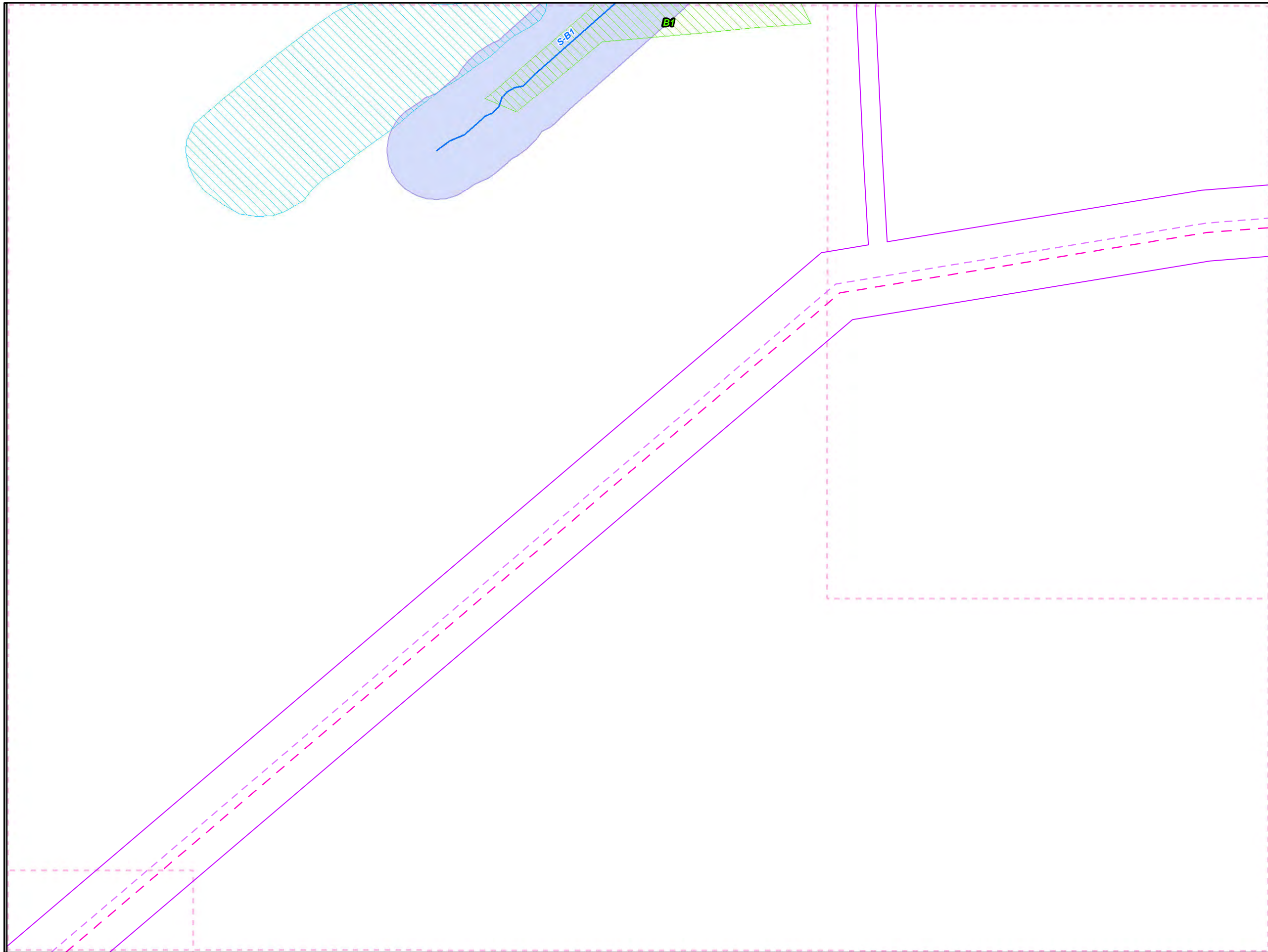


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
8 of 29**

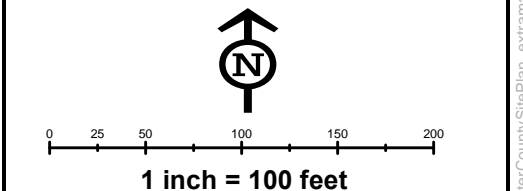
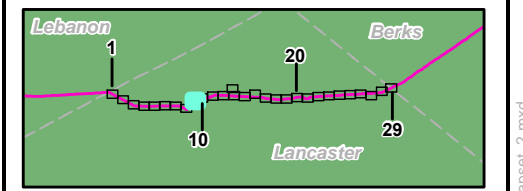
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - - - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

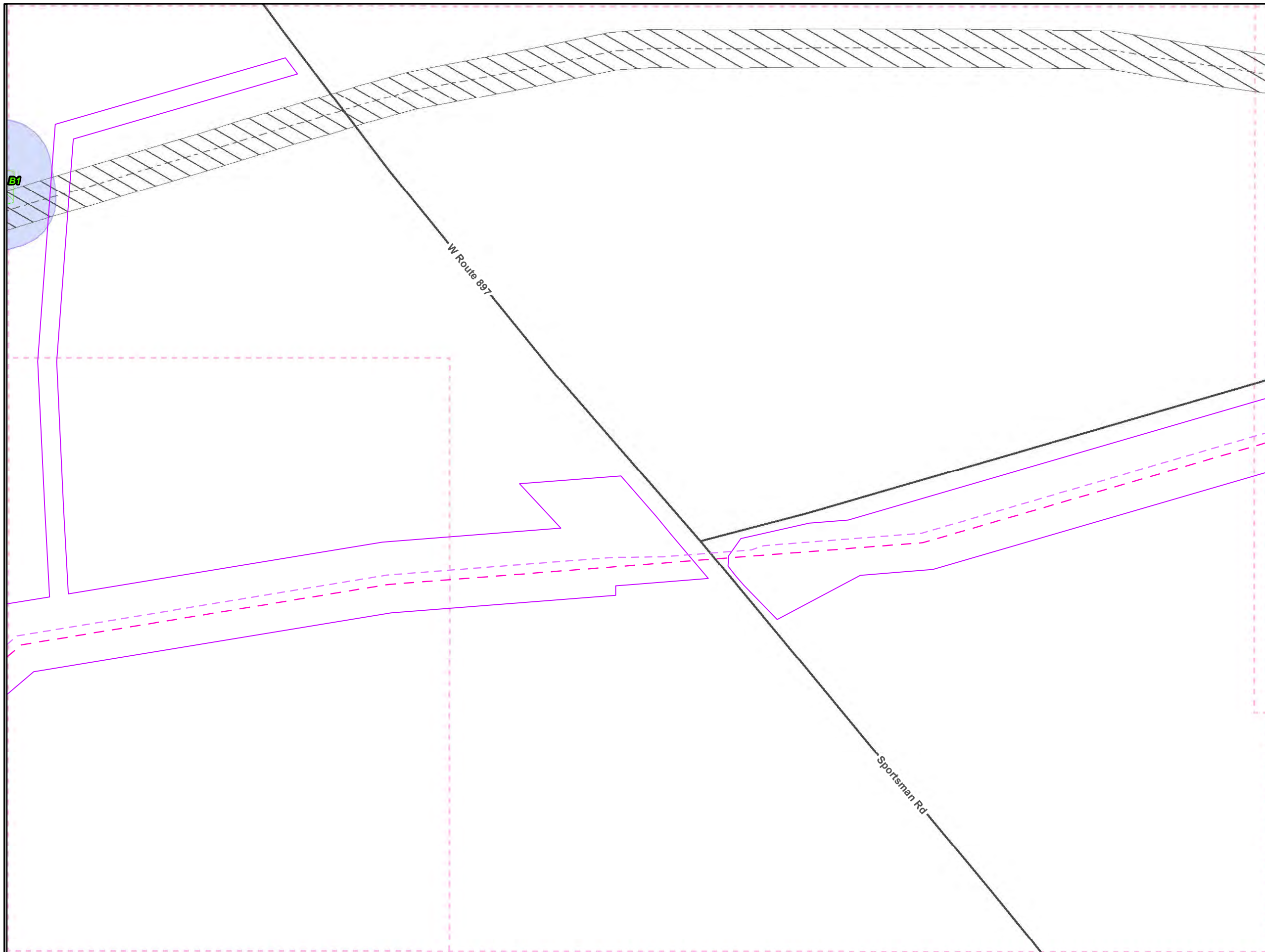


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
9 of 29**

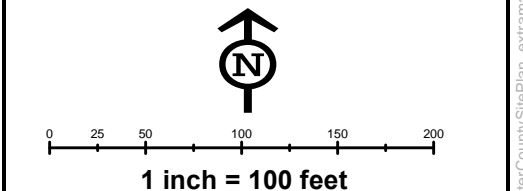
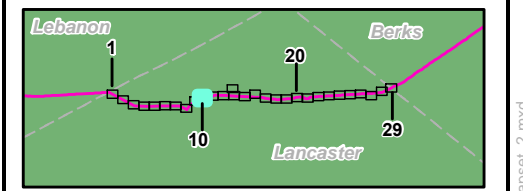
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

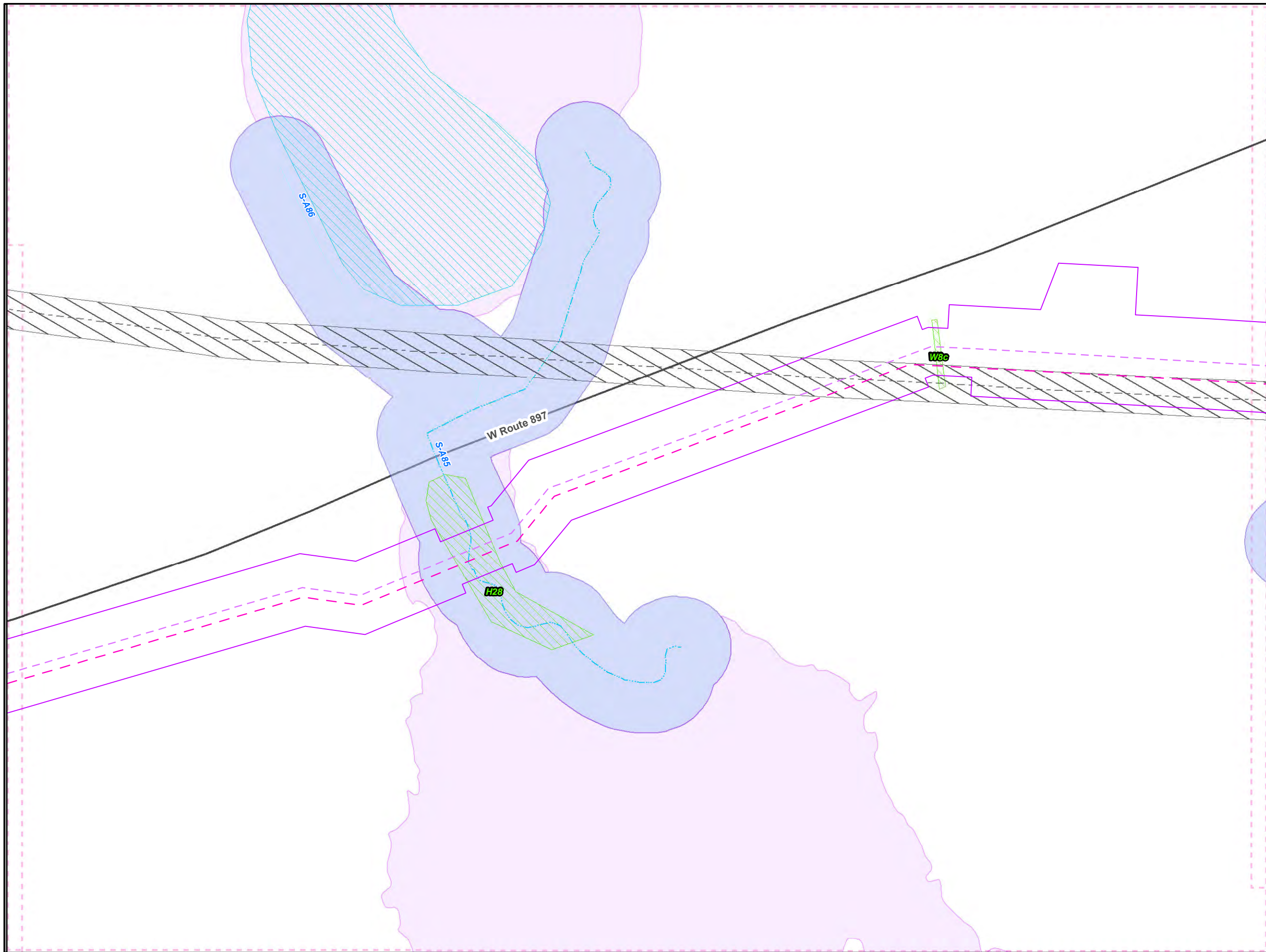


**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
10 of 29

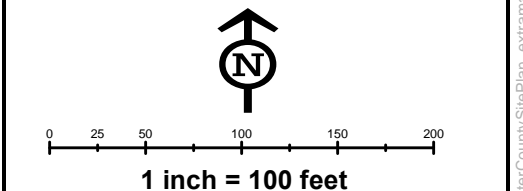
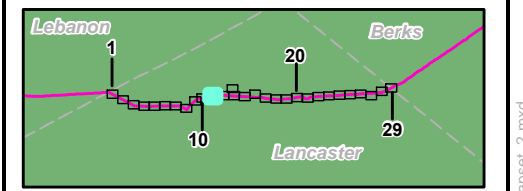
<b>Prepared By:</b> TETRA TECH	<b>Date:</b> 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - ▣ 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
  - Roads
  - - - Sheet Boundary

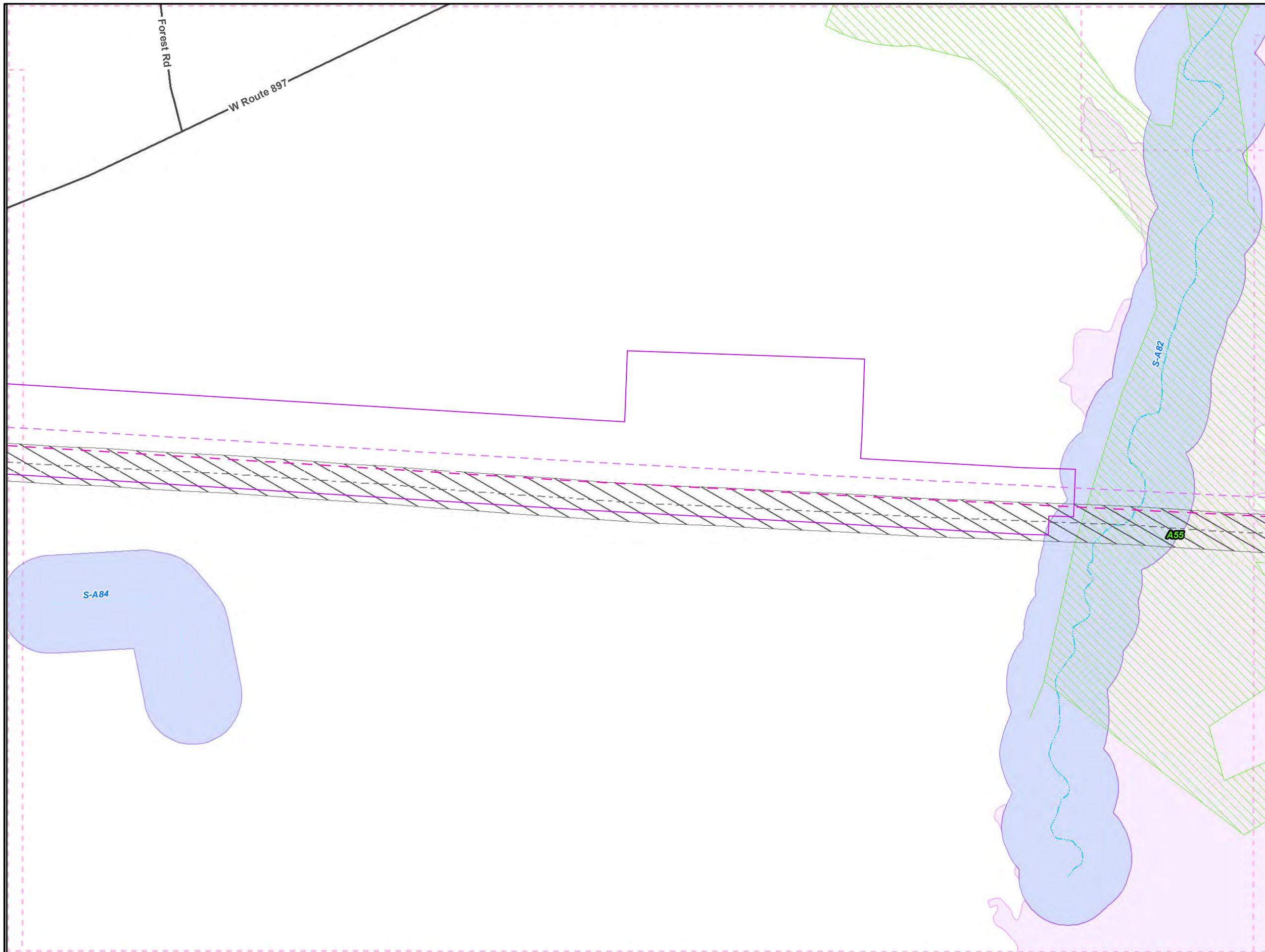


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
11 of 29**

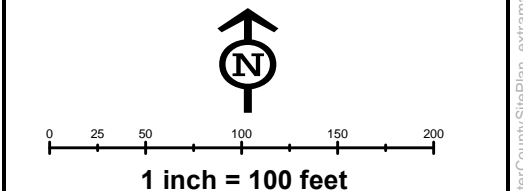
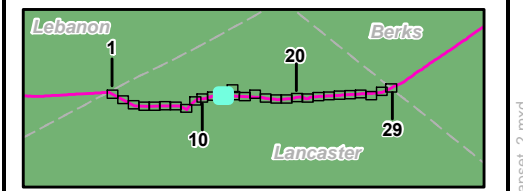
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - ▣ 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
  - Roads
  - Sheet Boundary

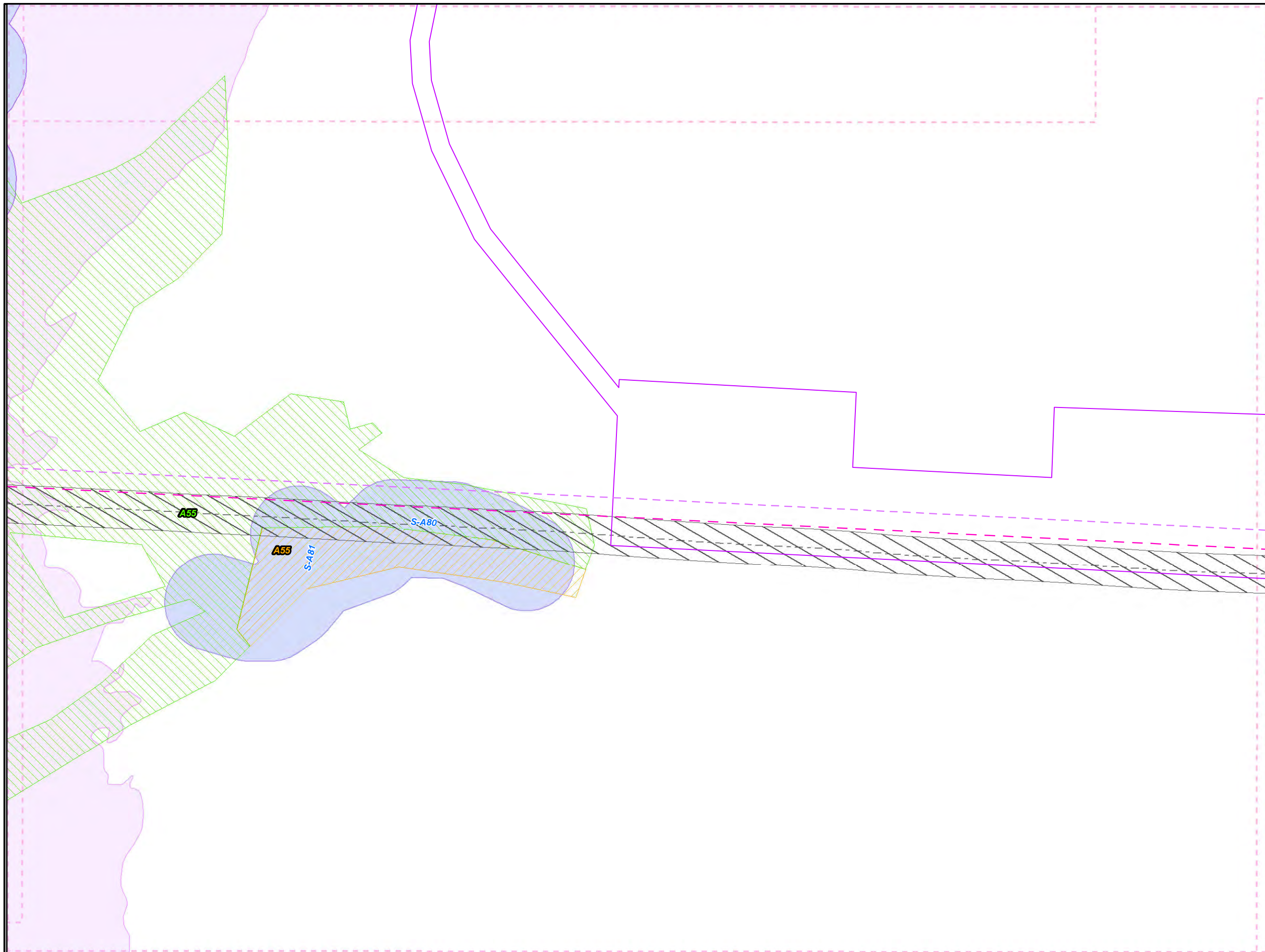


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
12 of 29**

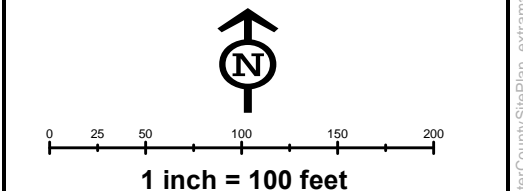
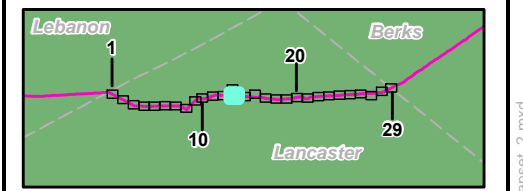
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - - - Sheet Boundary



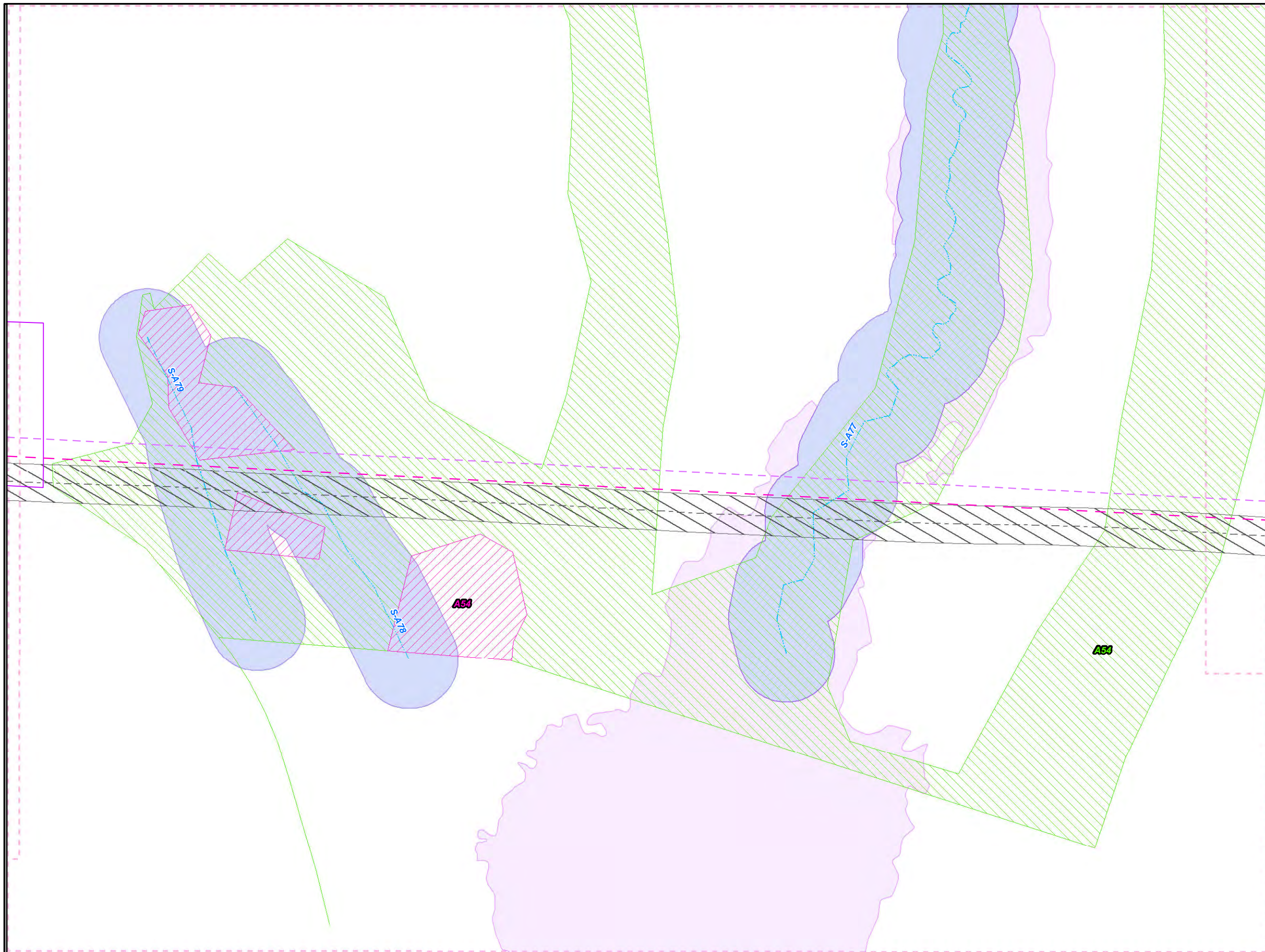
**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
 13 of 29

<b>Prepared By:</b> 	<b>Date:</b> 11/2016
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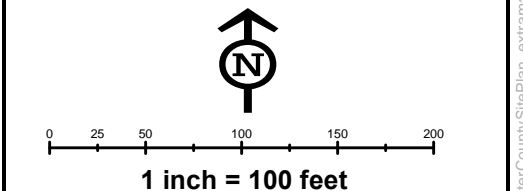
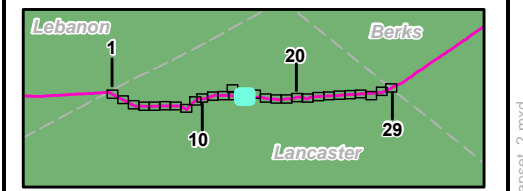
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - 8" Centerline
  - 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - Sheet Boundary

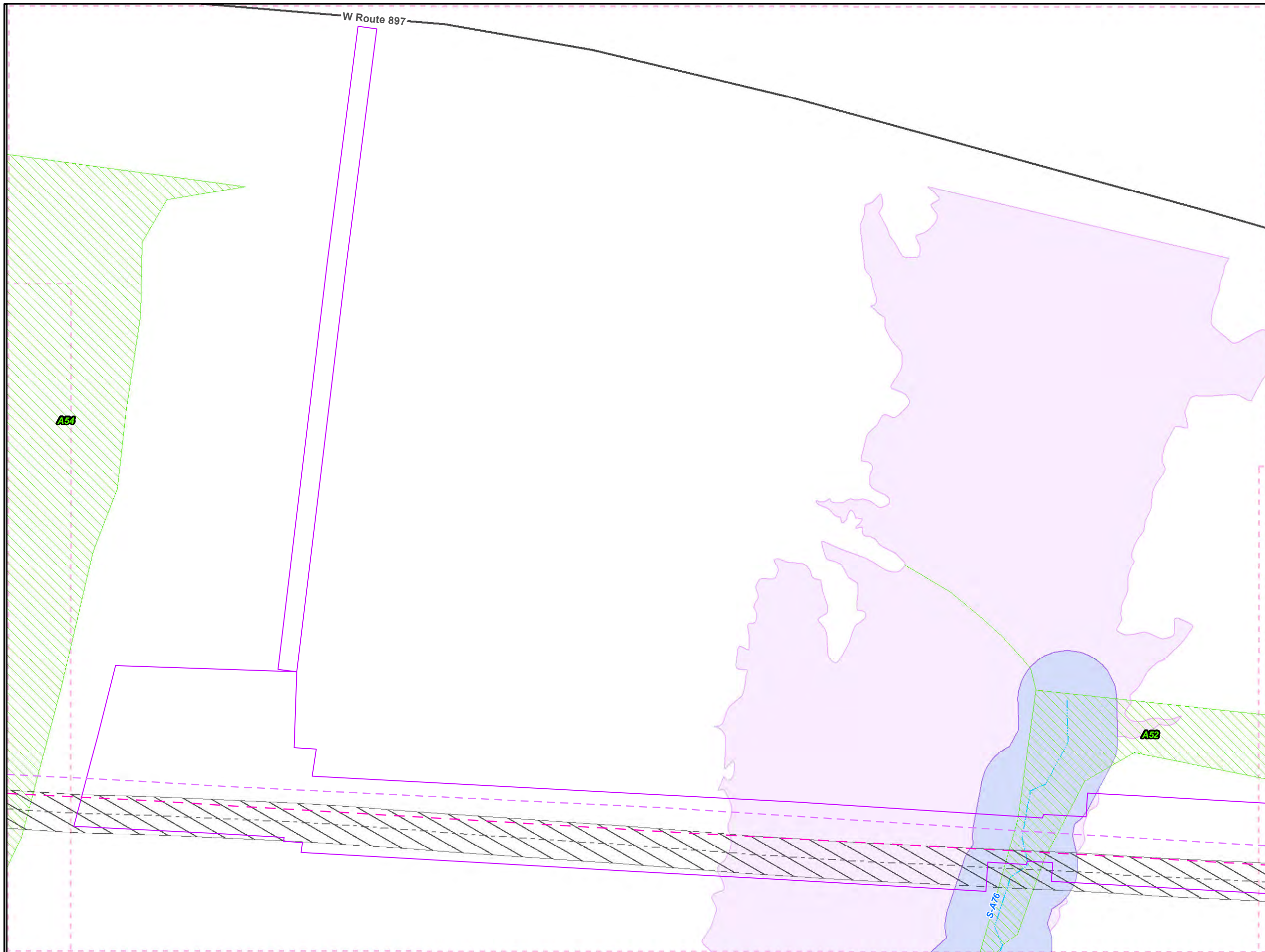


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
15 of 29**

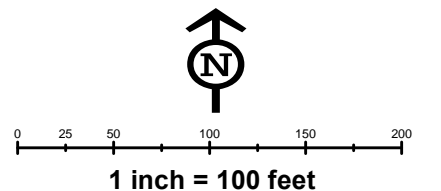
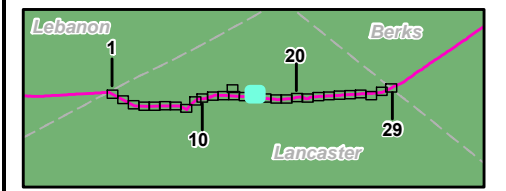
<b>Prepared By:</b> 	<b>Date:</b> 11/2016
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  - ~ Ch. 106 Floodplain Fringe
  - Roads
  - Sheet Boundary

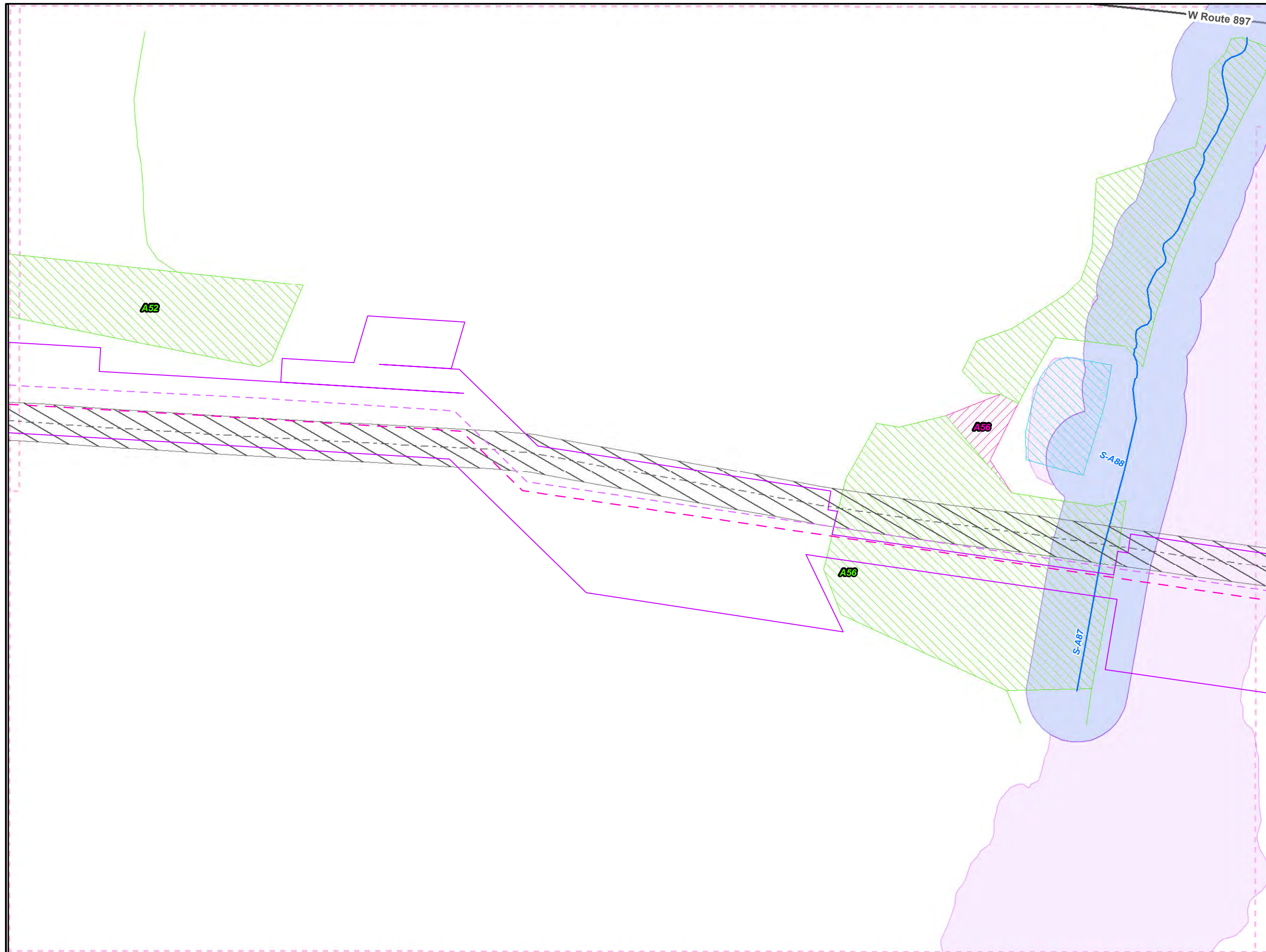


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
16 of 29**

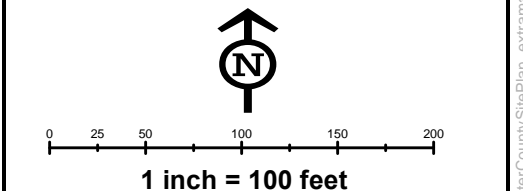
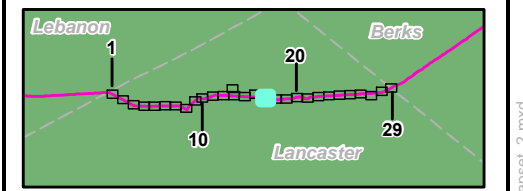
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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  - ▨ Ch. 105 Floodways
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  - ▨ Ch. 106 Floodplain Fringe
  - Roads
  - Sheet Boundary

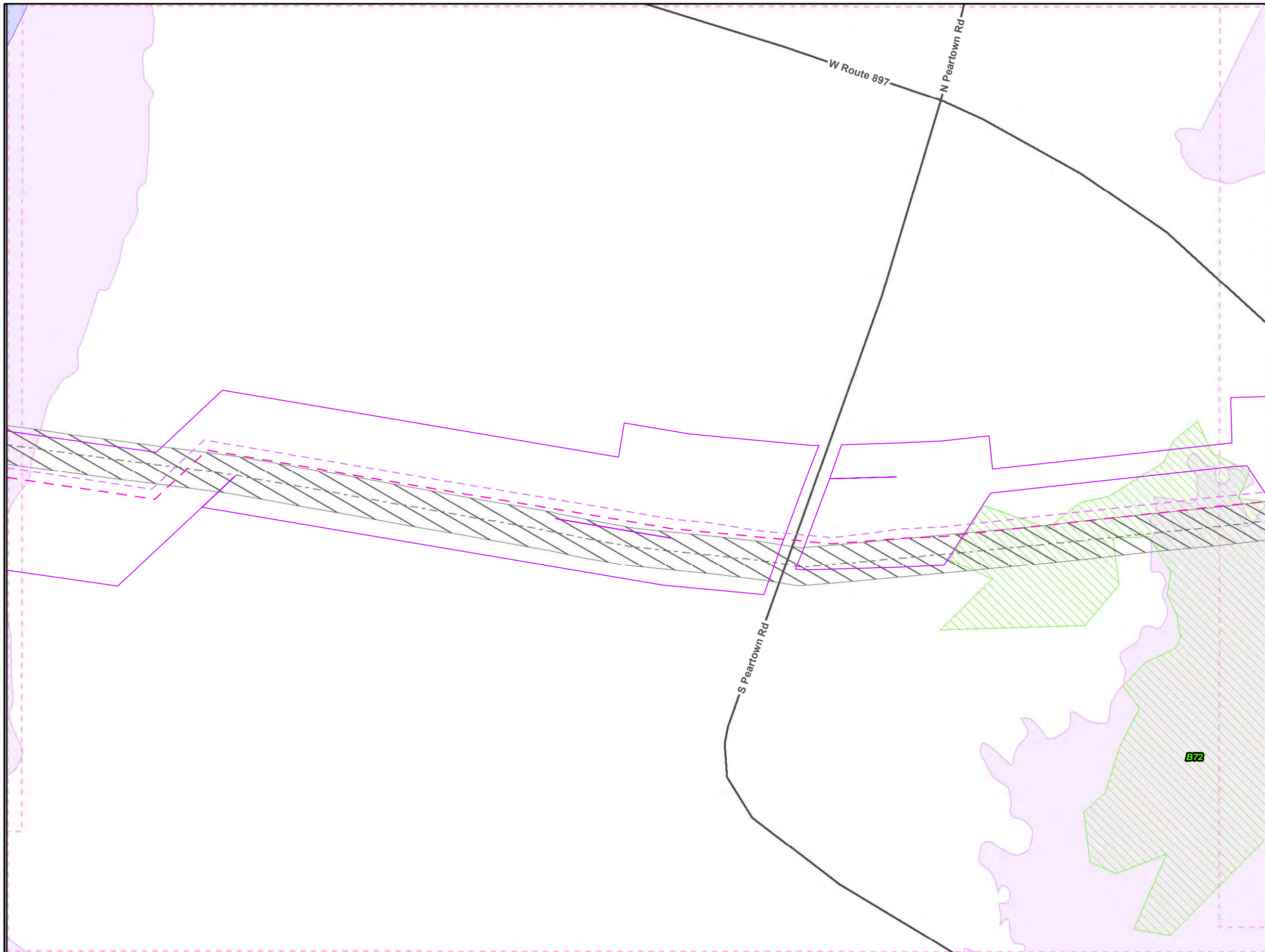


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
17 of 29**

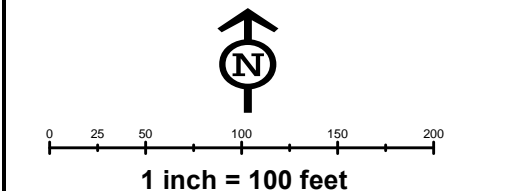
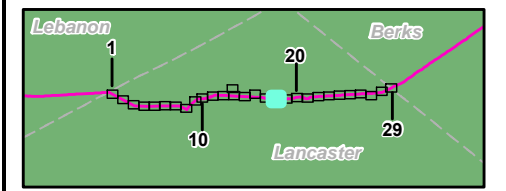
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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  - Roads
  - - - Sheet Boundary

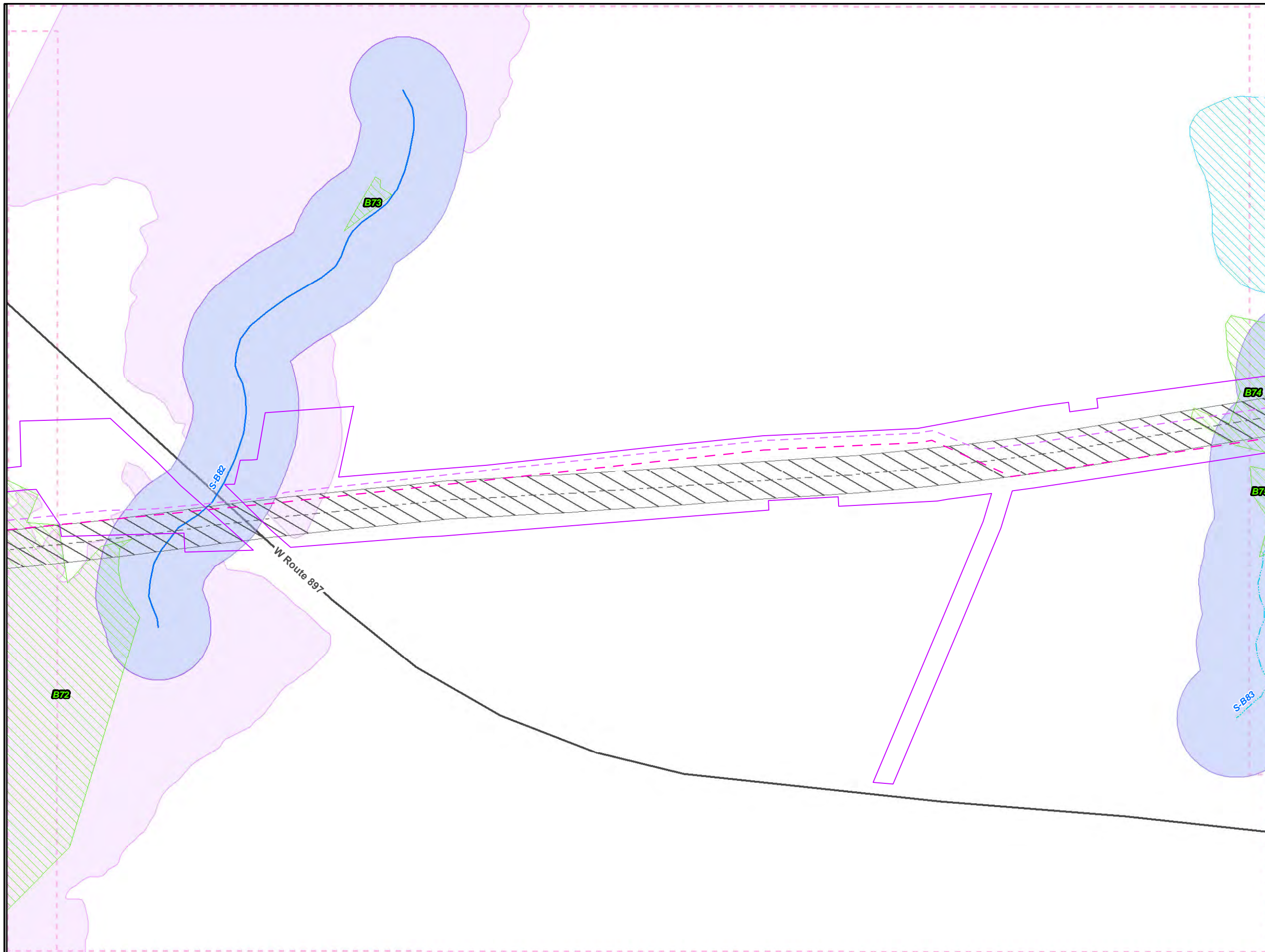


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
18 of 29**

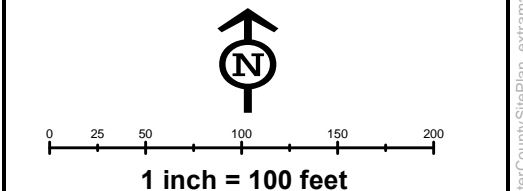
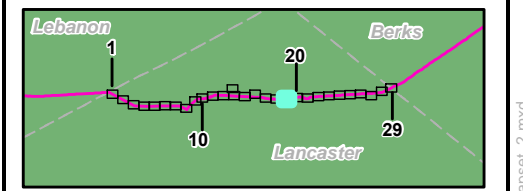
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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  - ⋯ Intermittent Stream
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  - ▨ Waived Ch. 105 Floodways
  - ▨ Ch. 106 Floodplain Fringe
  - Roads
  - - - Sheet Boundary

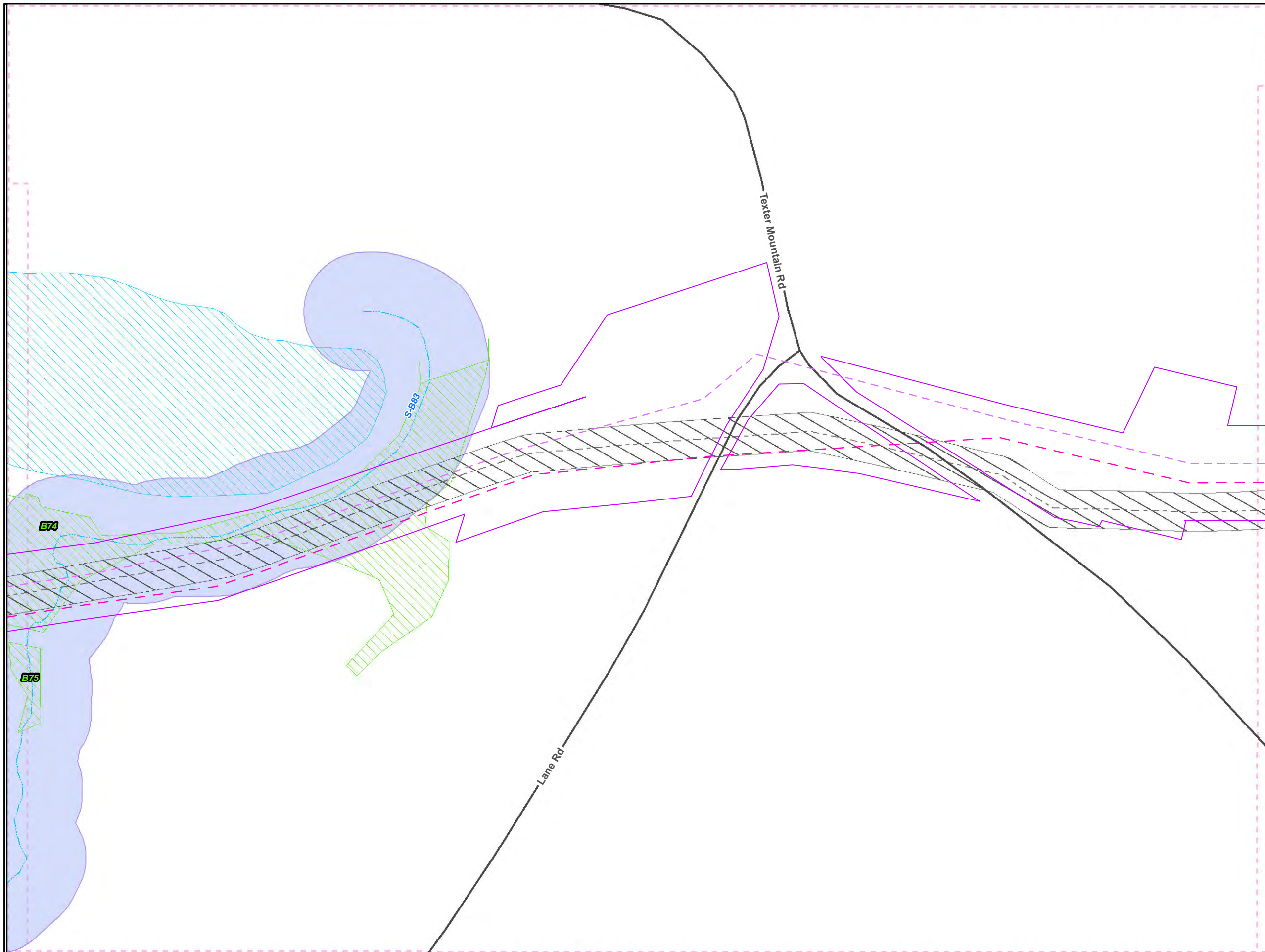


**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
 19 of 29

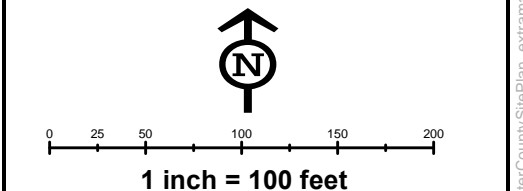
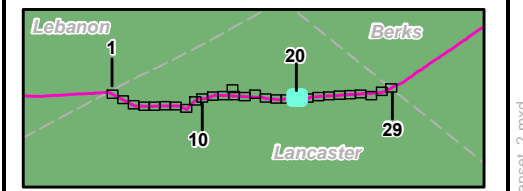
<b>Prepared By:</b> 	<b>Date:</b> 11/2016
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  - - - Sheet Boundary

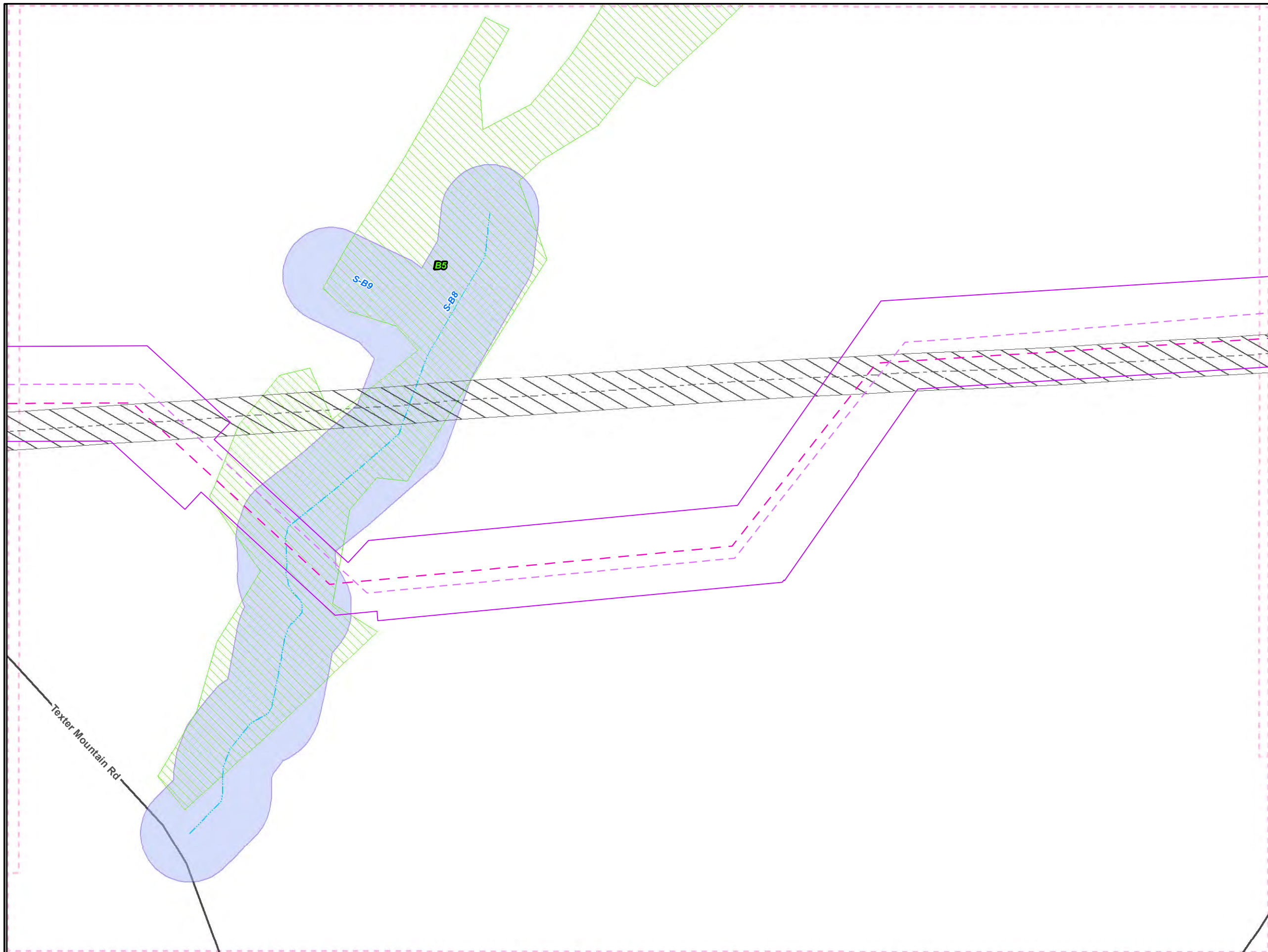


**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
 20 of 29

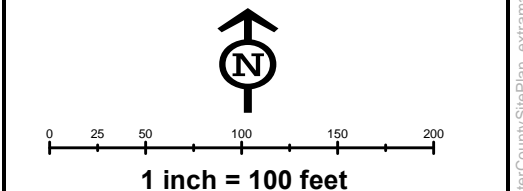
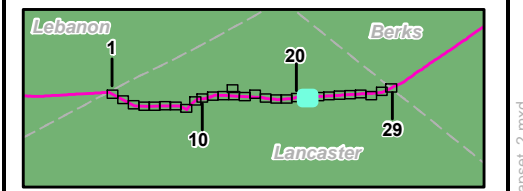
<b>Prepared By:</b> 	<b>Date:</b> 11/2016
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  - Roads
  - Sheet Boundary

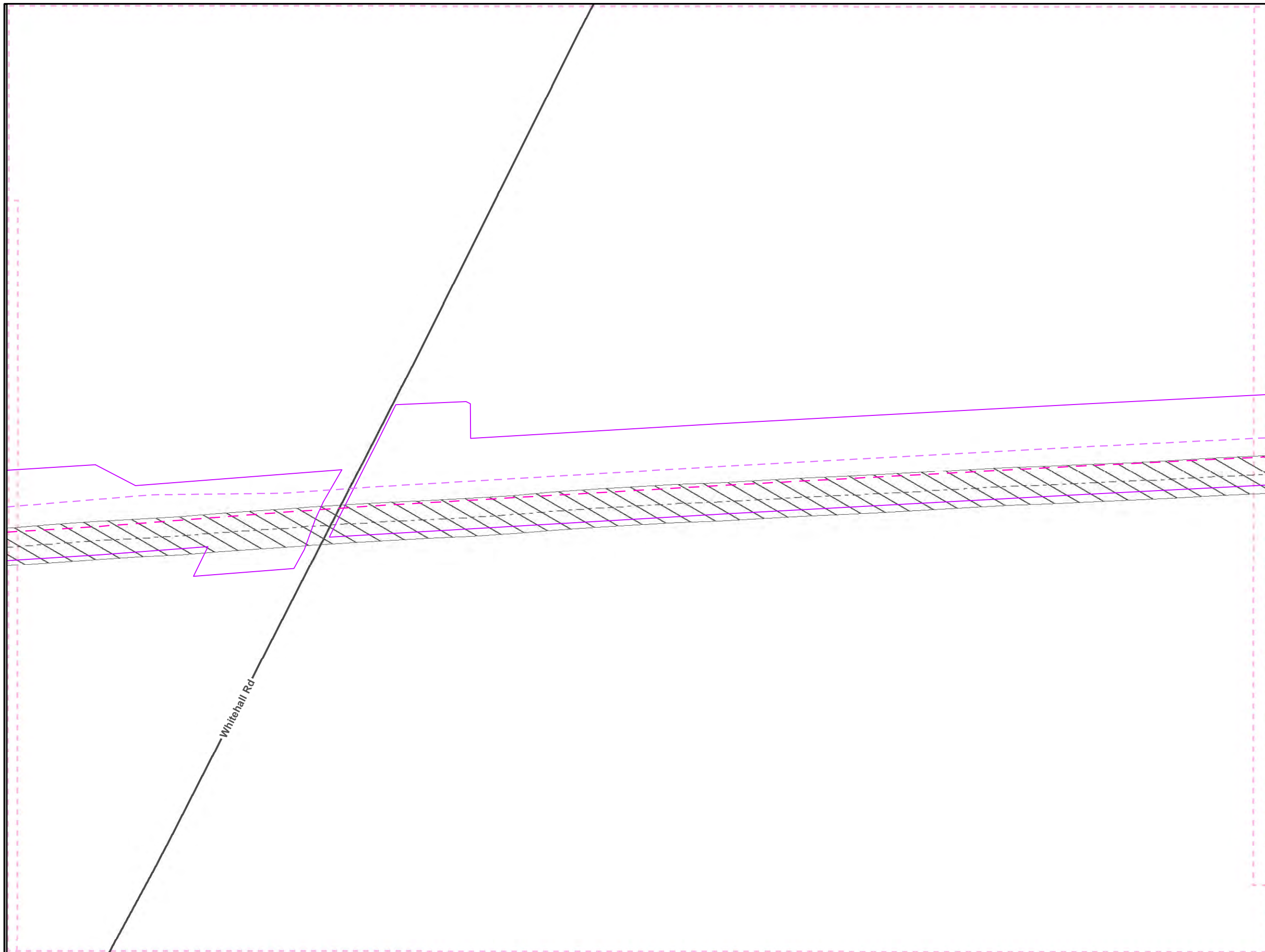


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
21 of 29**

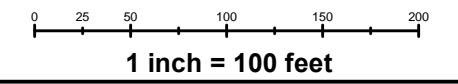
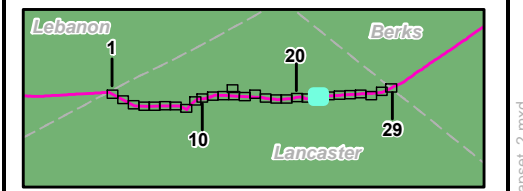
<b>Prepared By:</b> <b>TETRA TECH</b>	<b>Date:</b> <b>11/2016</b>
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- Legend**
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  - - - Sheet Boundary

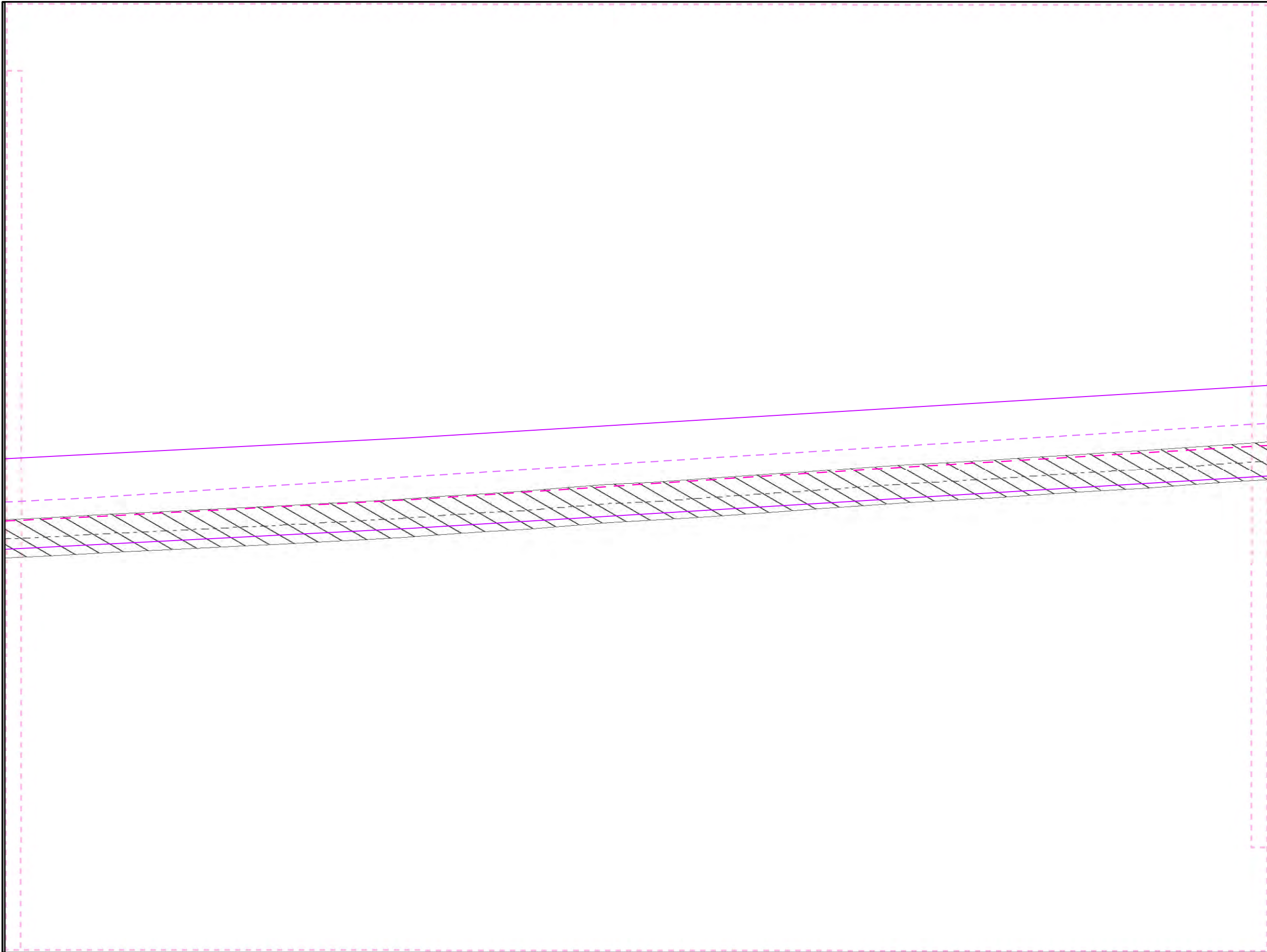


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
22 of 29**

<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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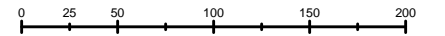
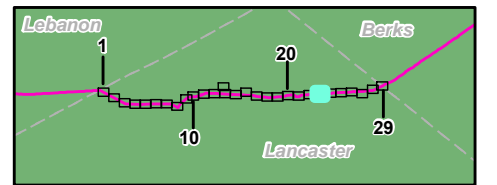
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**Legend**

- PPP 1
- PPP 2
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- 8" Pipeline Maintenance Corridor
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1 inch = 100 feet

**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
23 of 29**

**Prepared By:**

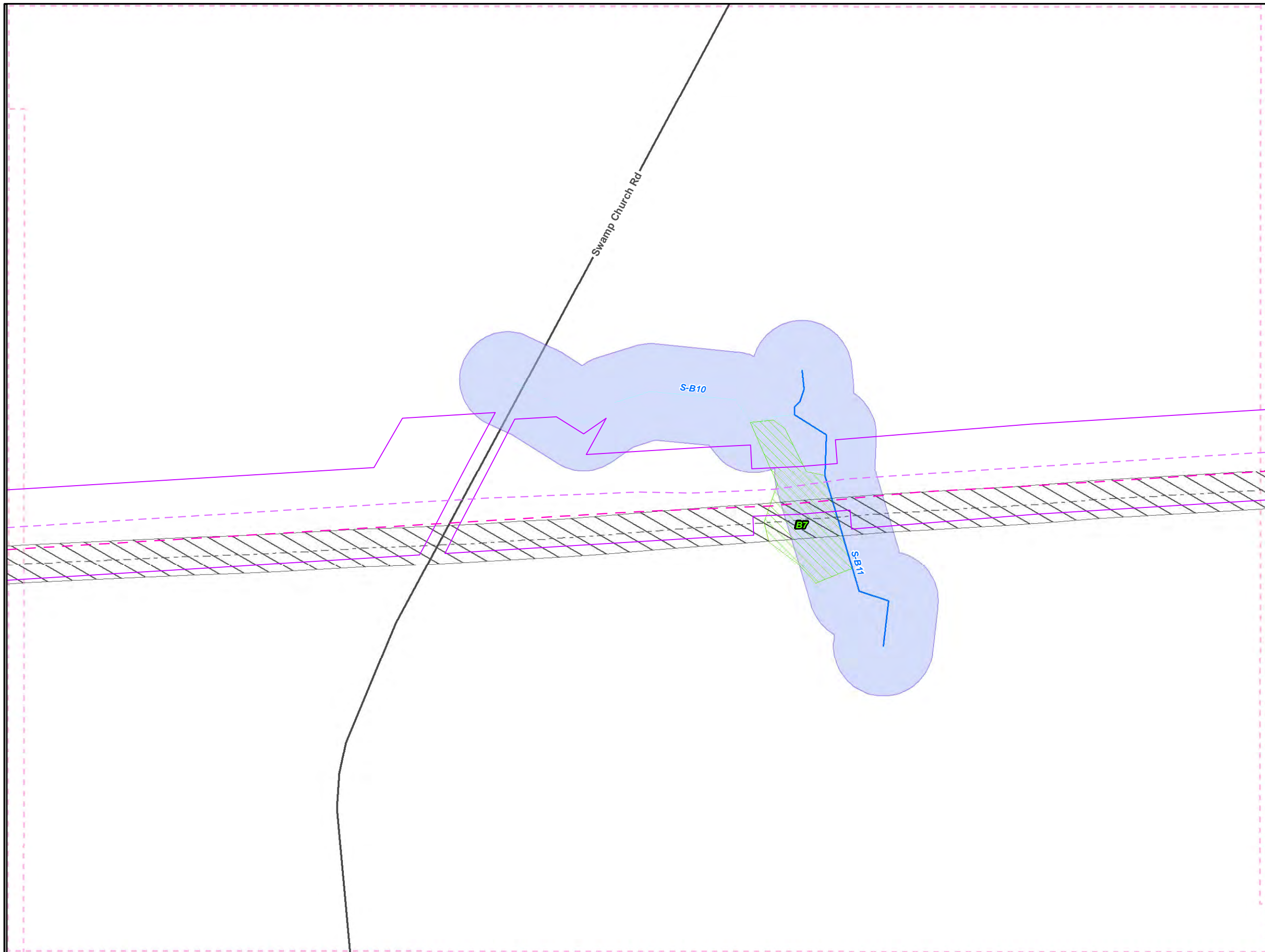


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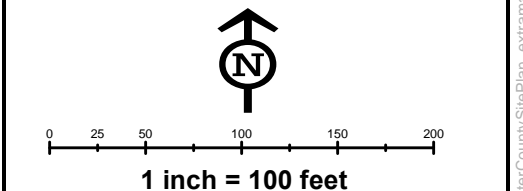
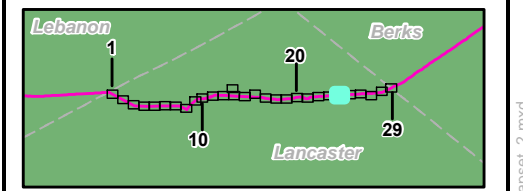
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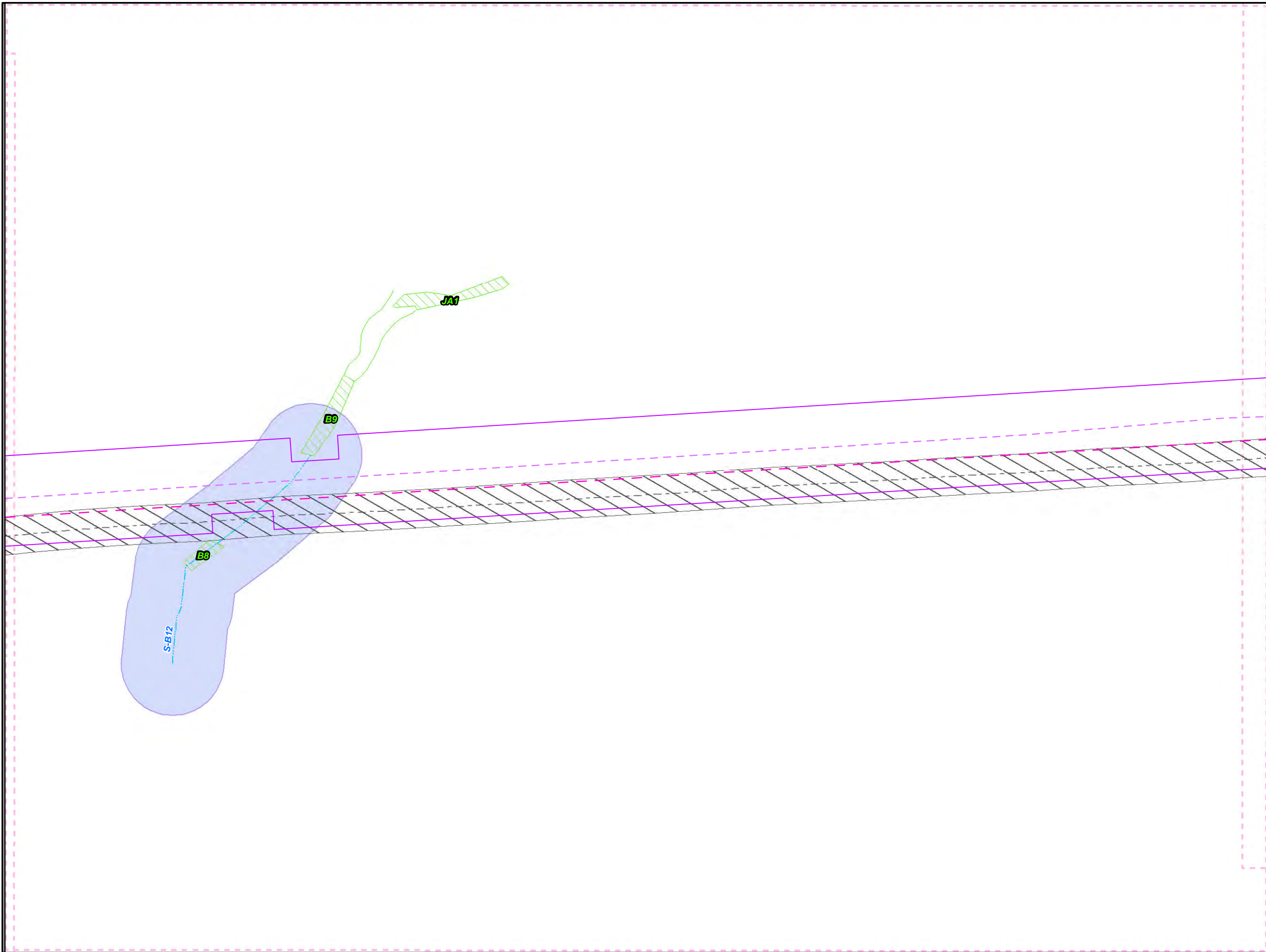


**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
24 of 29

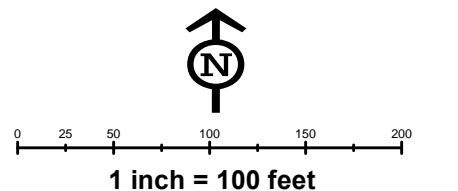
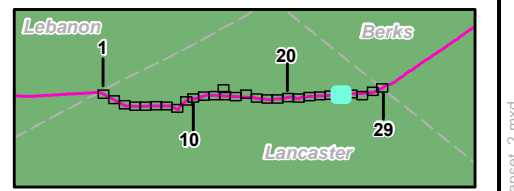
<b>Prepared By:</b> TETRA TECH	<b>Date:</b> 11/2016
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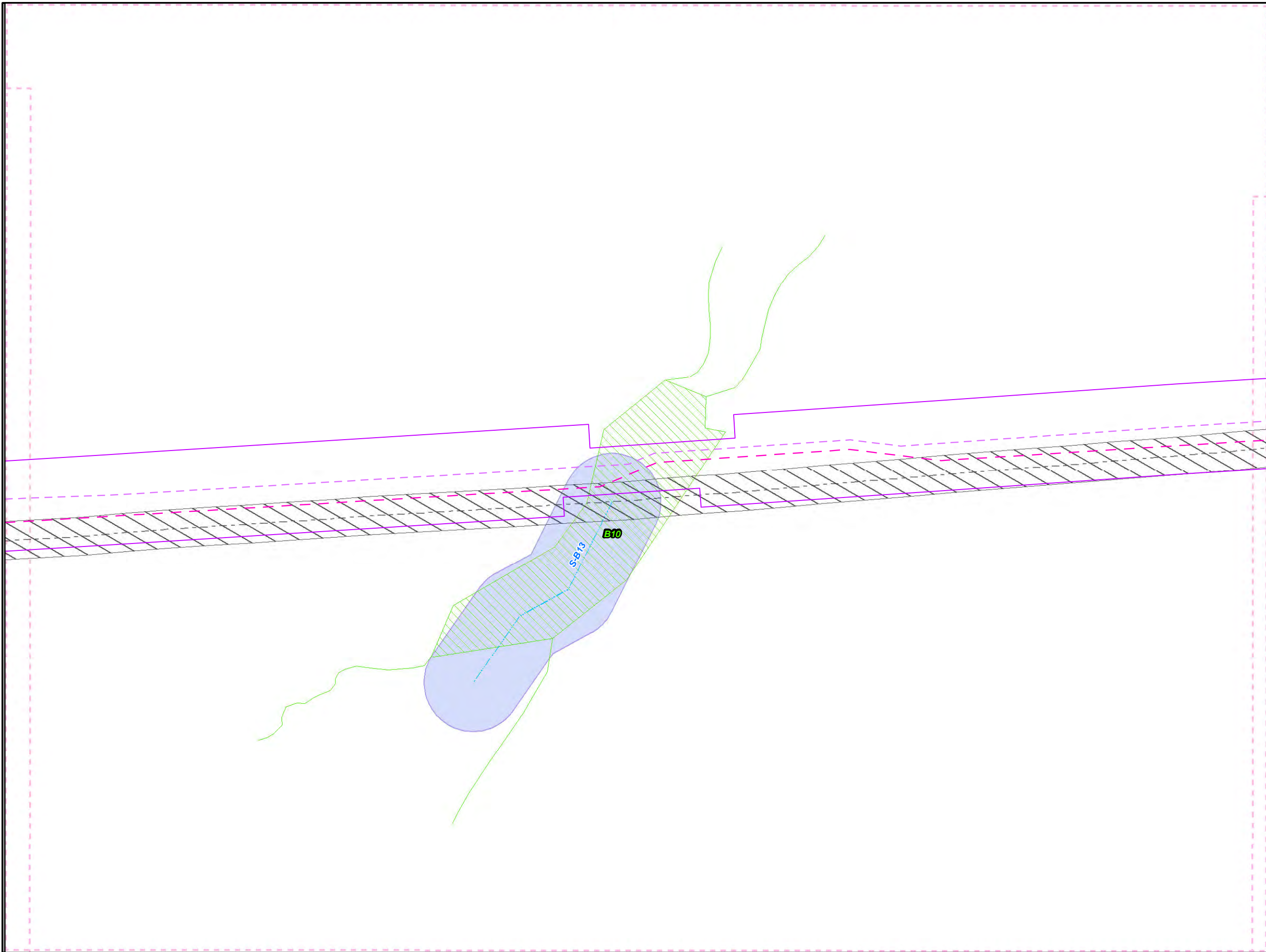


**ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Lancaster County, PA.**  
25 of 29

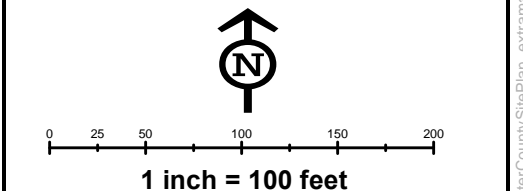
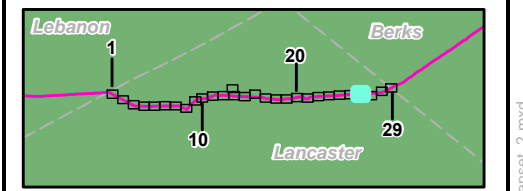
<b>Prepared By:</b> TETRA TECH	<b>Date:</b> 11/2016
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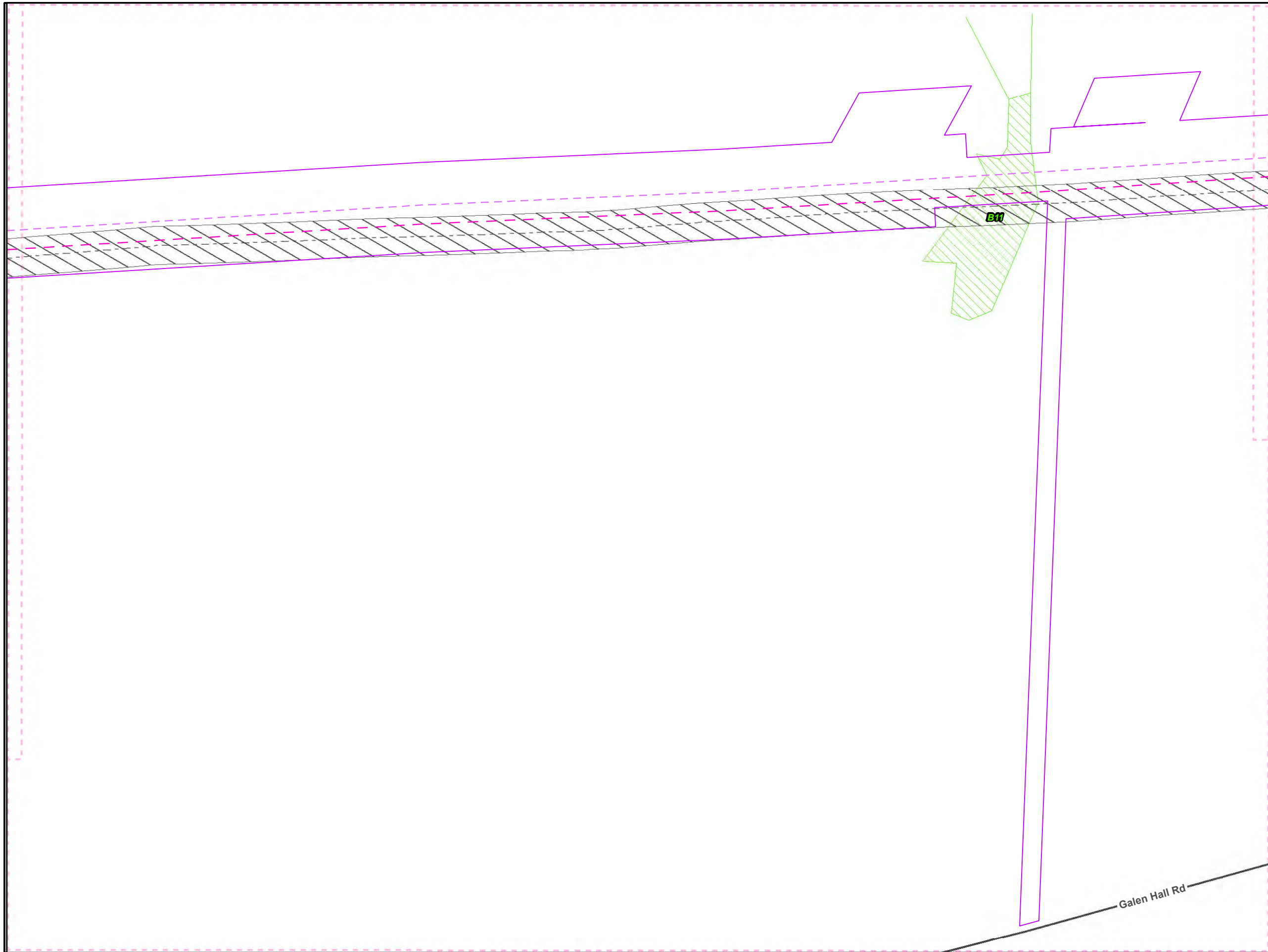


**ME1 8" and 12" Overlap with the  
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26 of 29**

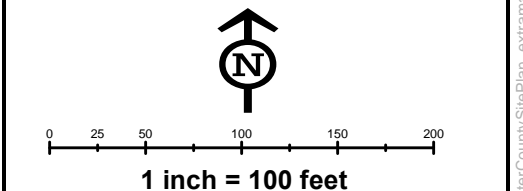
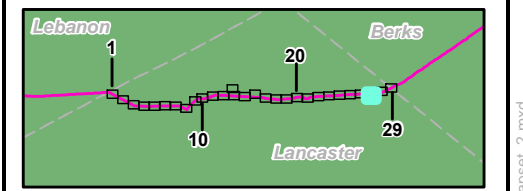
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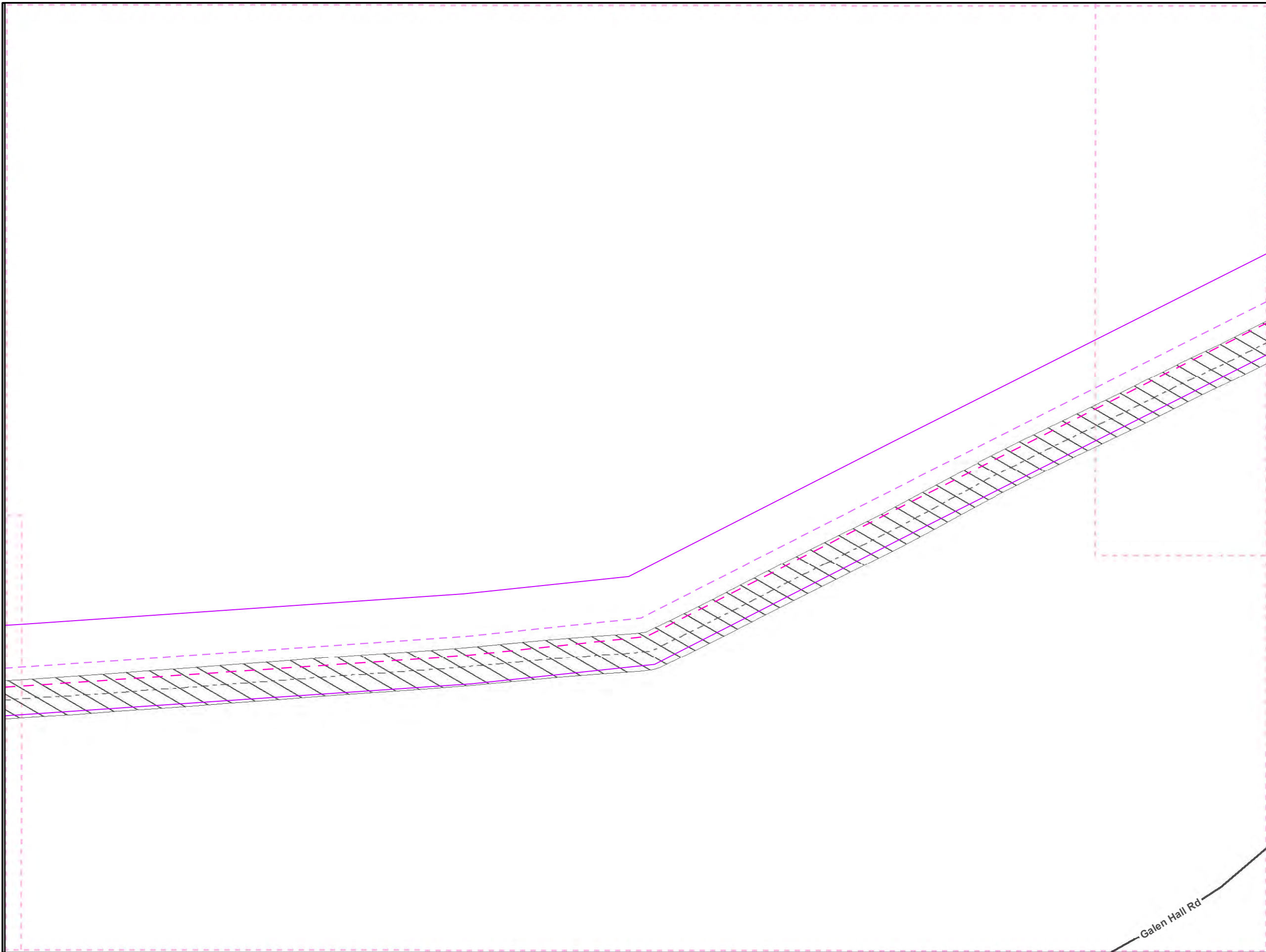


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
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27 of 29**

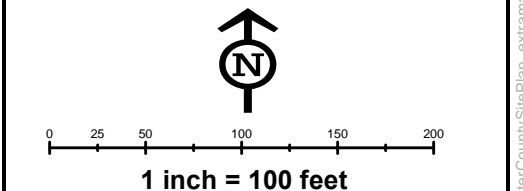
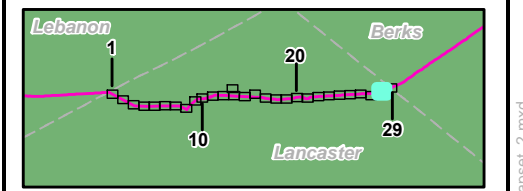
<b>Prepared By:</b> 	<b>Date:</b> <b>11/2016</b>
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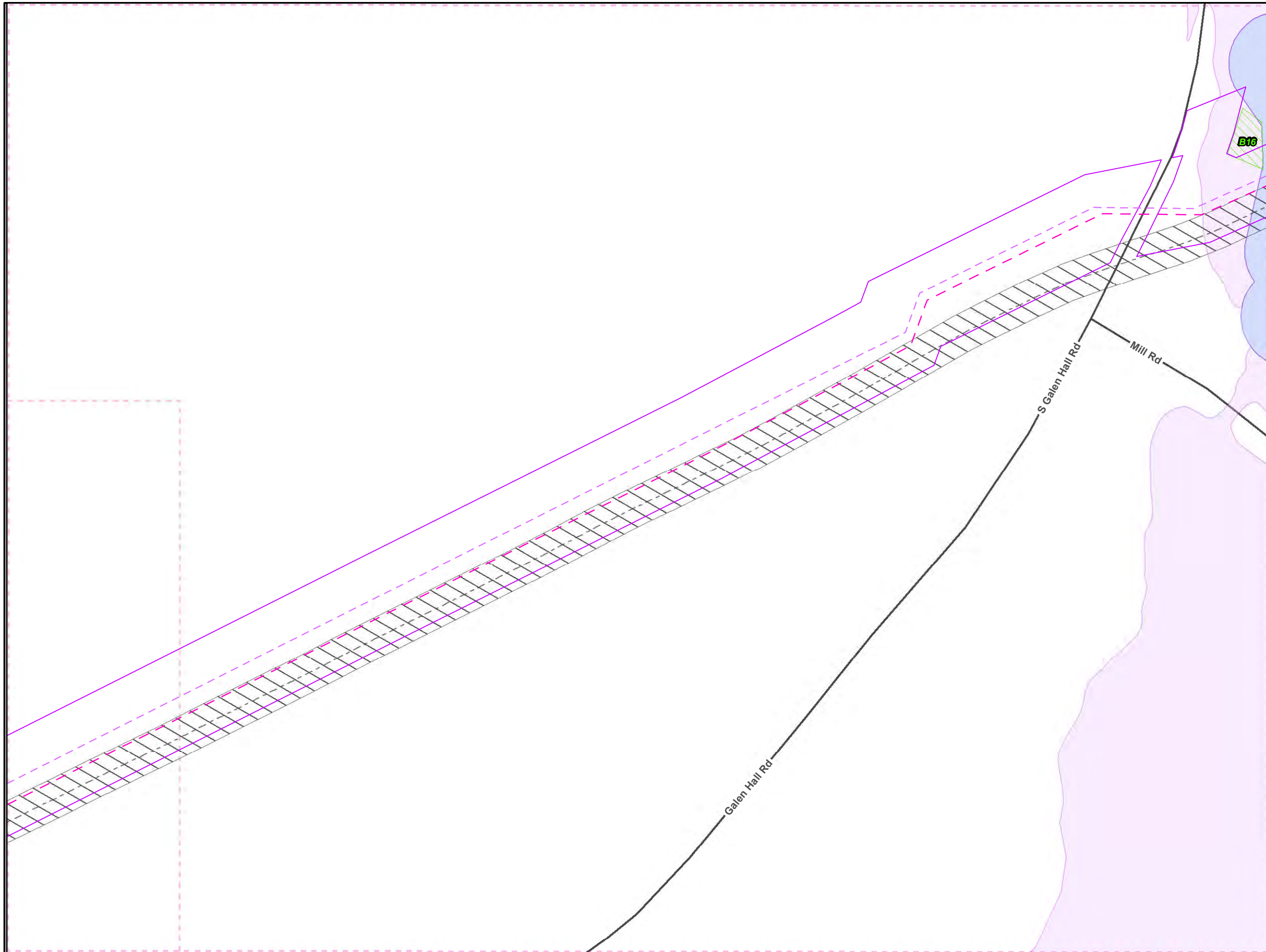


**ME1 8" and 12" Overlap with the  
Proposed Pennsylvania Pipeline  
Lancaster County, PA.  
28 of 29**

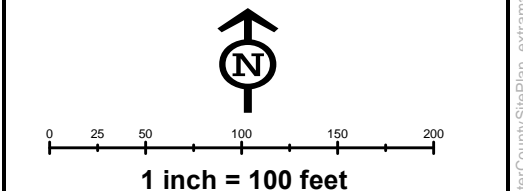
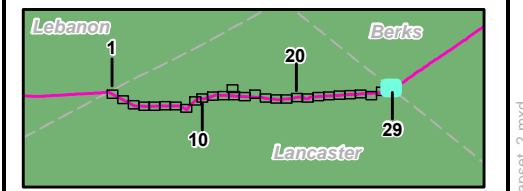
<b>Prepared By:</b> <b>TETRA TECH</b>	<b>Date:</b> <b>11/2016</b>
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
  - PPP 2
  - PPP LOD
  - - - 8" Centerline
  - ▨ 8" Pipeline Maintenance Corridor
  - 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
  - Roads
  - - - Sheet Boundary



**ME1 8" and 12" Overlap with the  
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29 of 29**

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