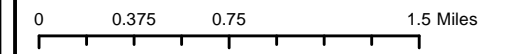
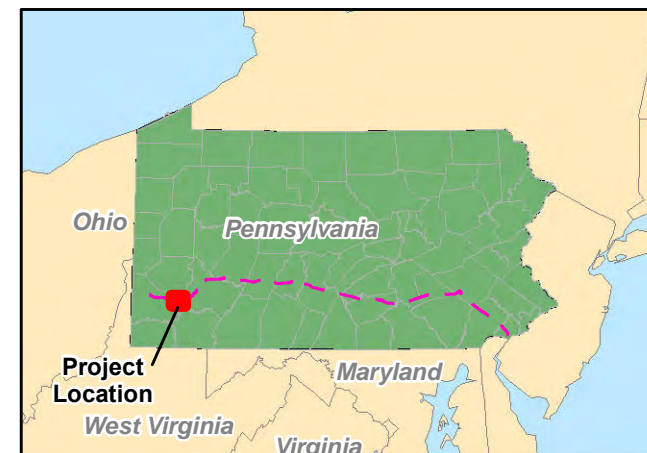


Legend

- 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 |
| ME1 12" Centerline | Ch. 105 Floodways | |
| ME1 12" Permanent ROW | Waived Ch. 105 Floodways | |
| PPP LOD | Ch. 106 Floodplain Fringe | |

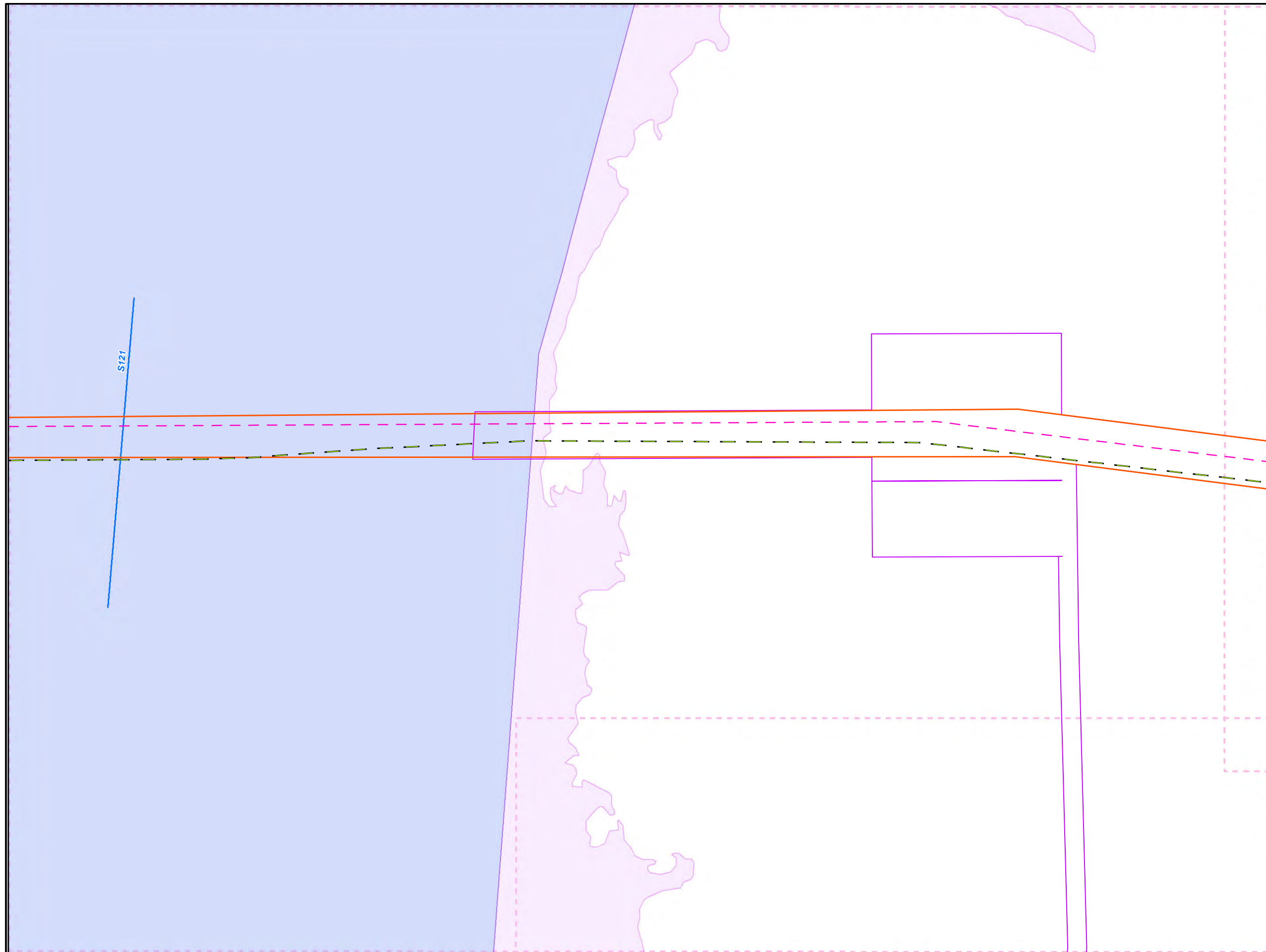


1 inch = 4,000 feet

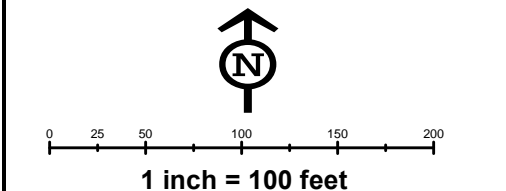
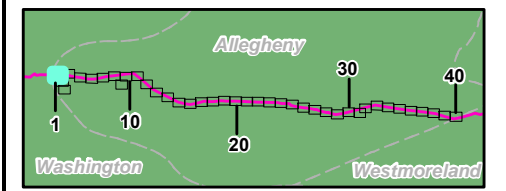
ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA.
Sheet 1 of 1

Prepared By: TETRA TECH	Date: 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



- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

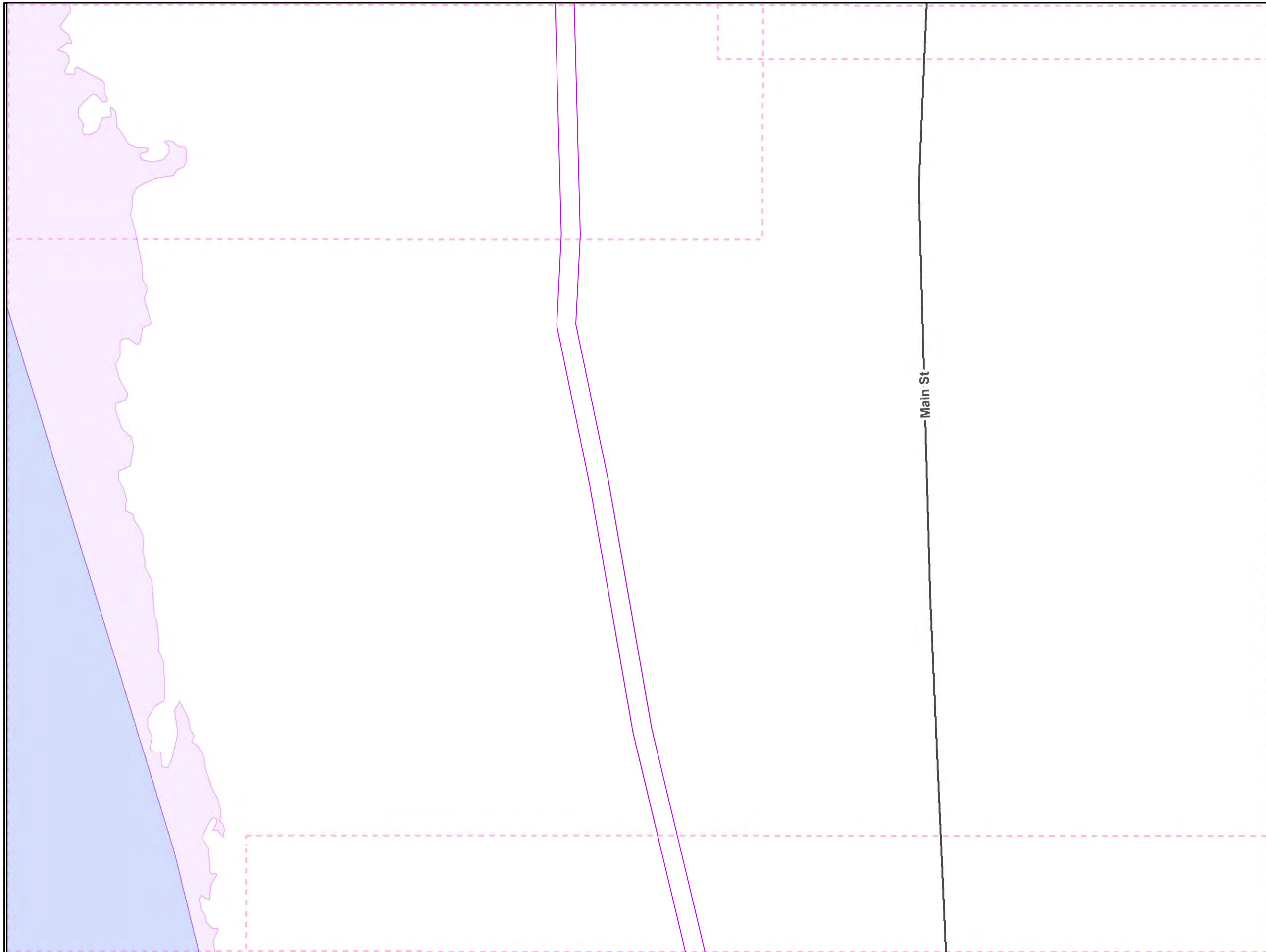


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 1 of 40**

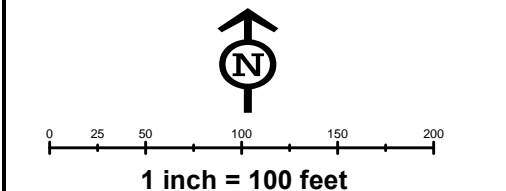
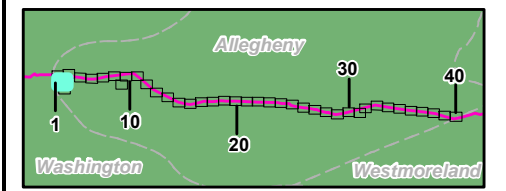
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

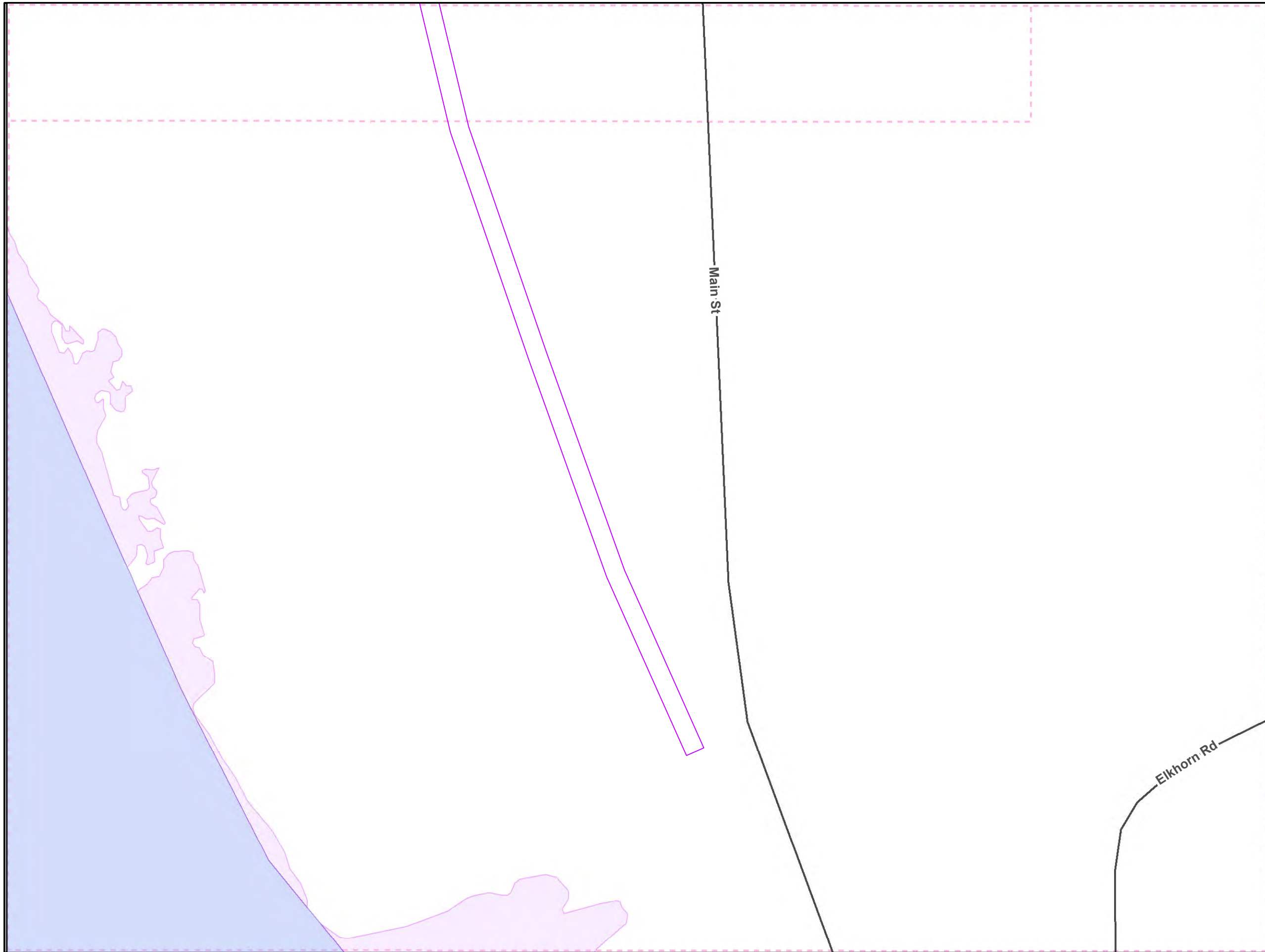


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 2 of 40**

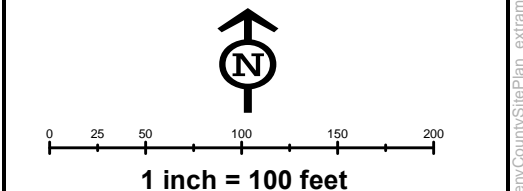
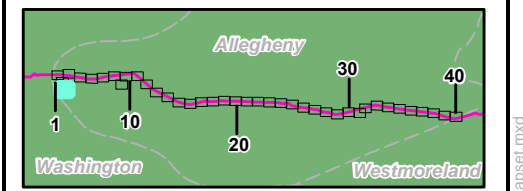
Prepared By: 	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

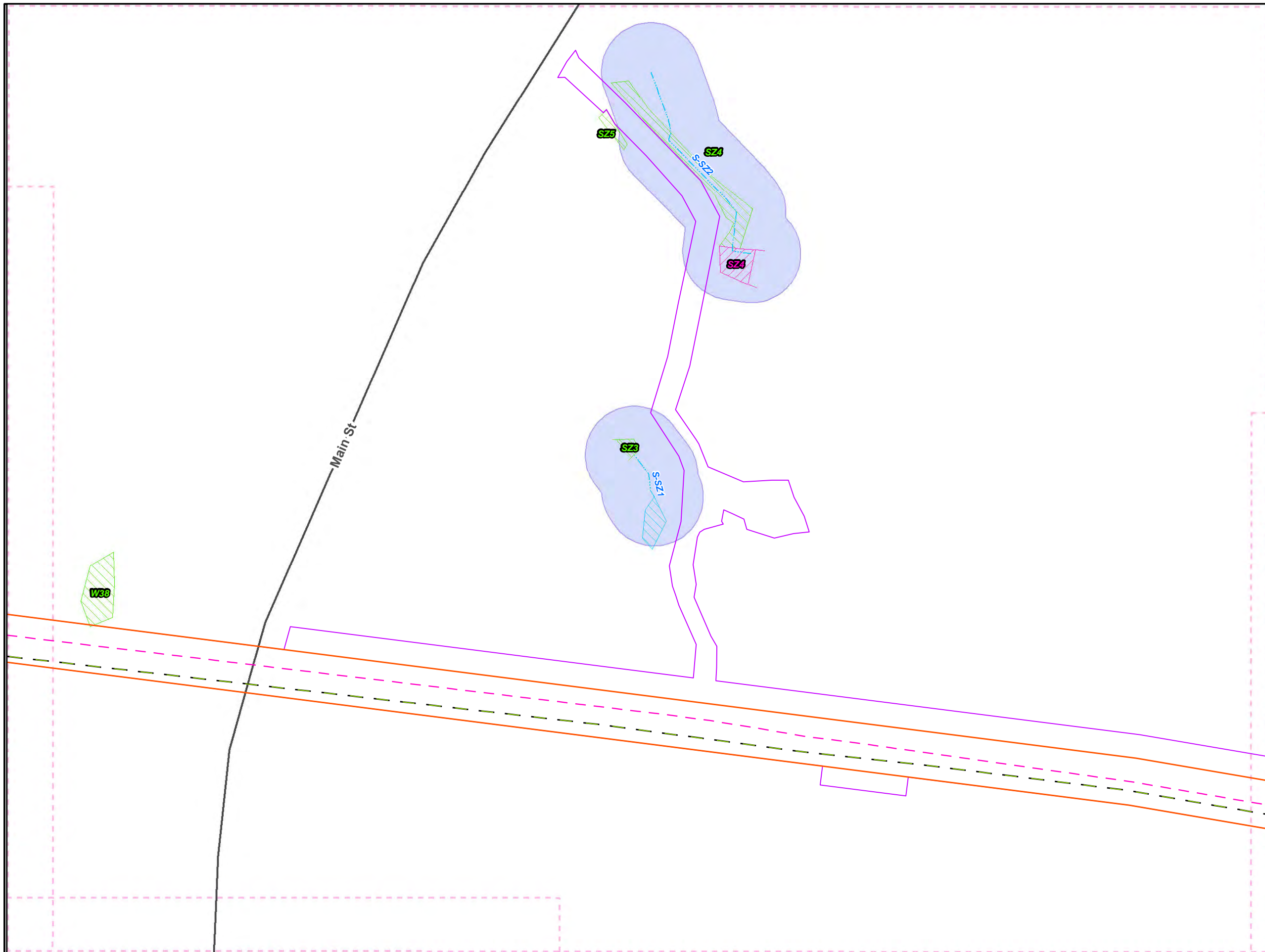


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 3 of 40**

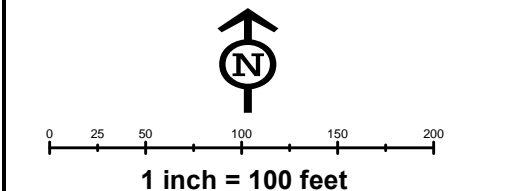
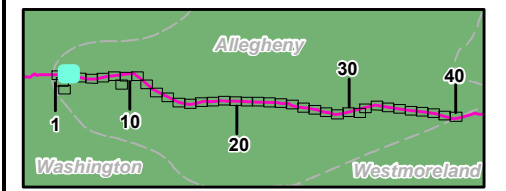
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

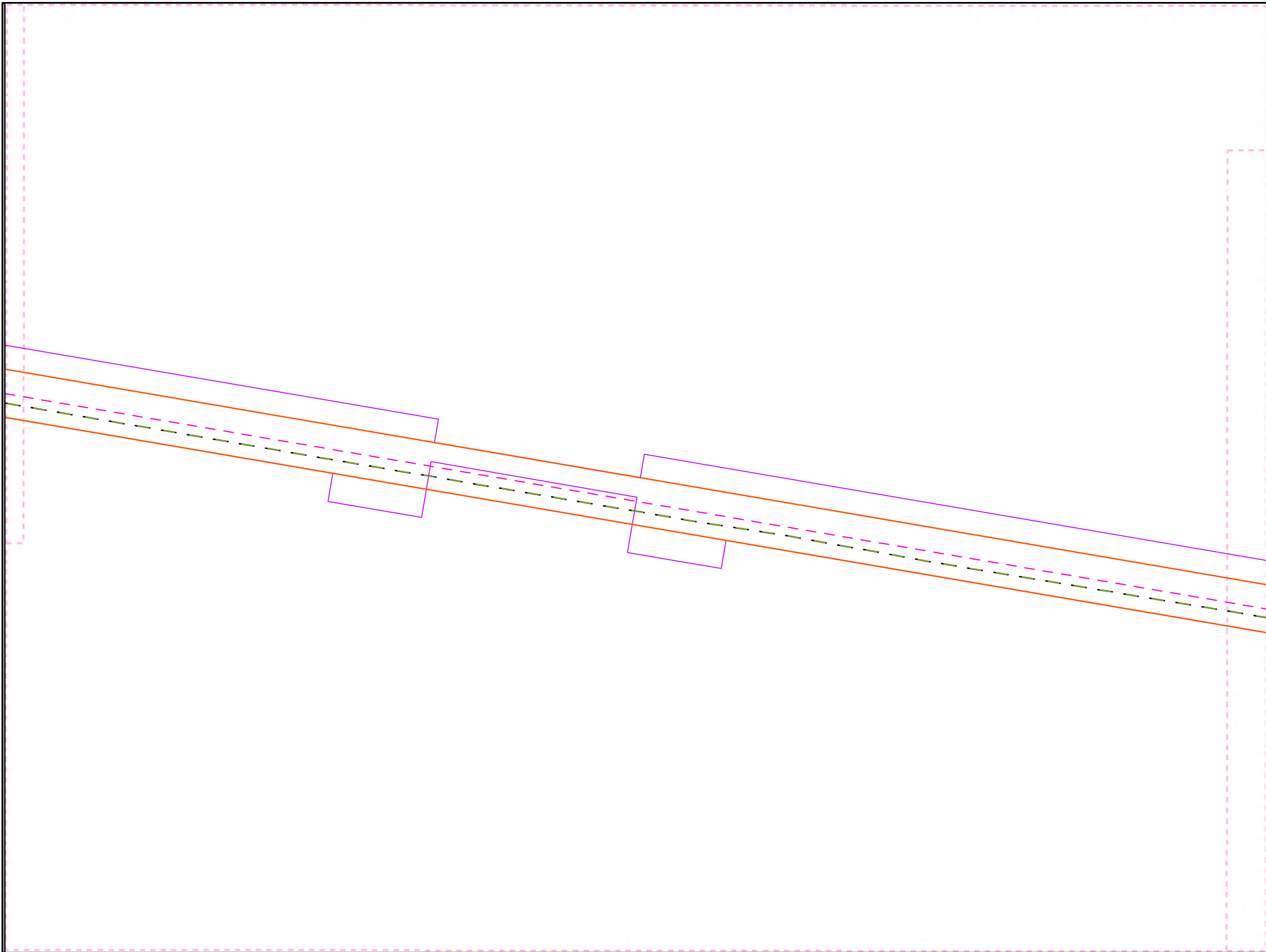


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA. Sheet 4 of 40

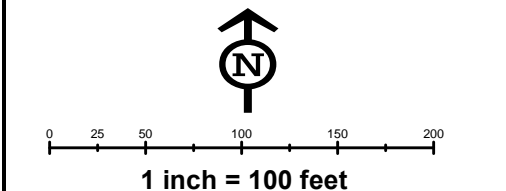
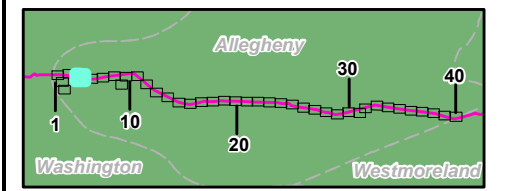
Prepared By: TETRA TECH	Date: 11/2016
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Base Map; ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

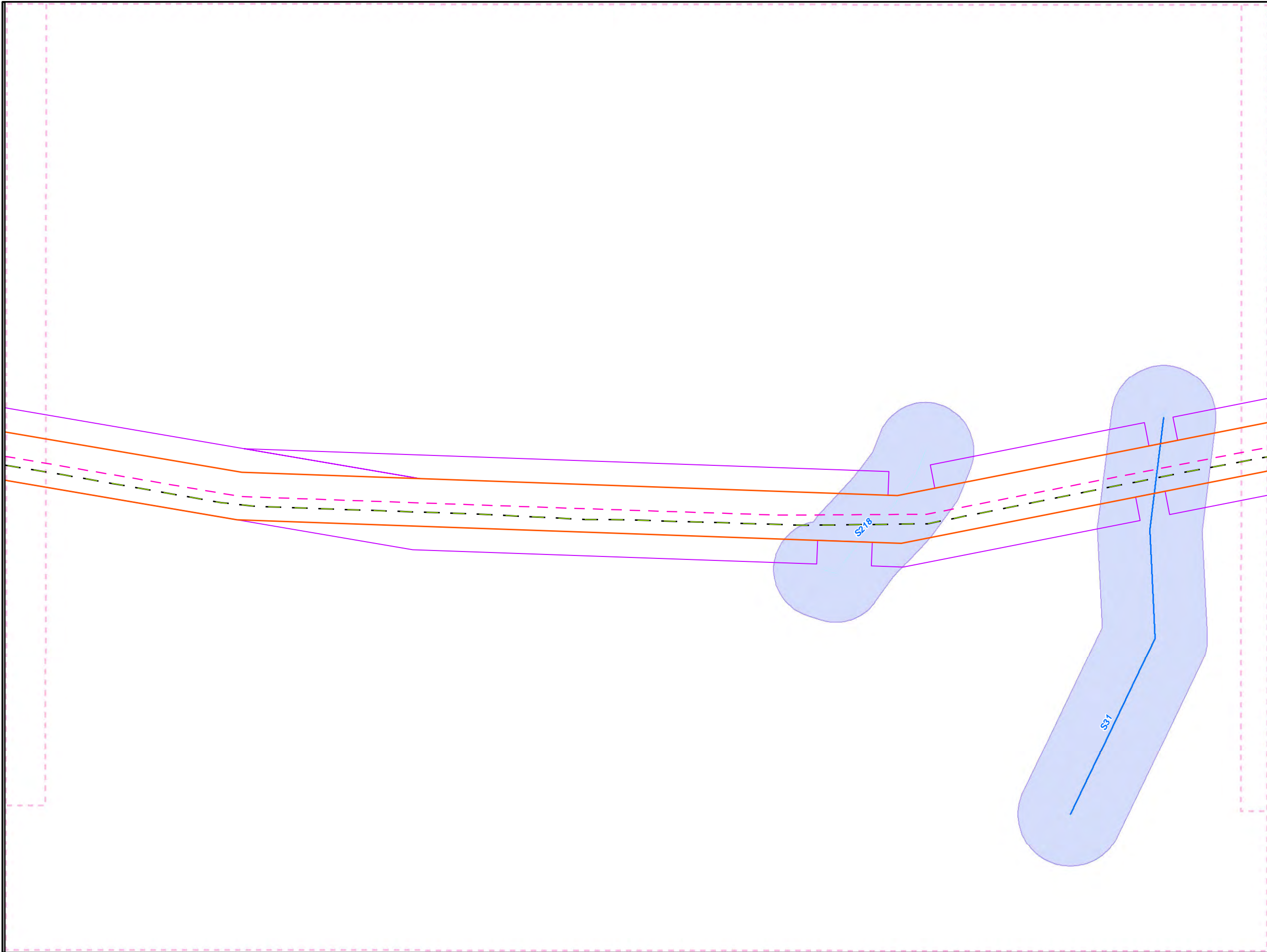


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA. Sheet 5 of 40

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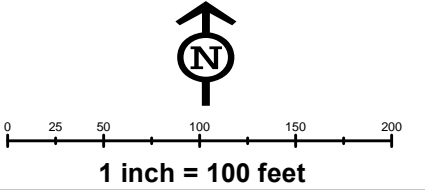
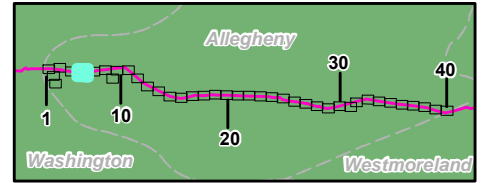
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

- PPP 1
- PPP 2
- ME1 12" Centerline
- ME1 12" Permanent ROW
- PPP LOD
- 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

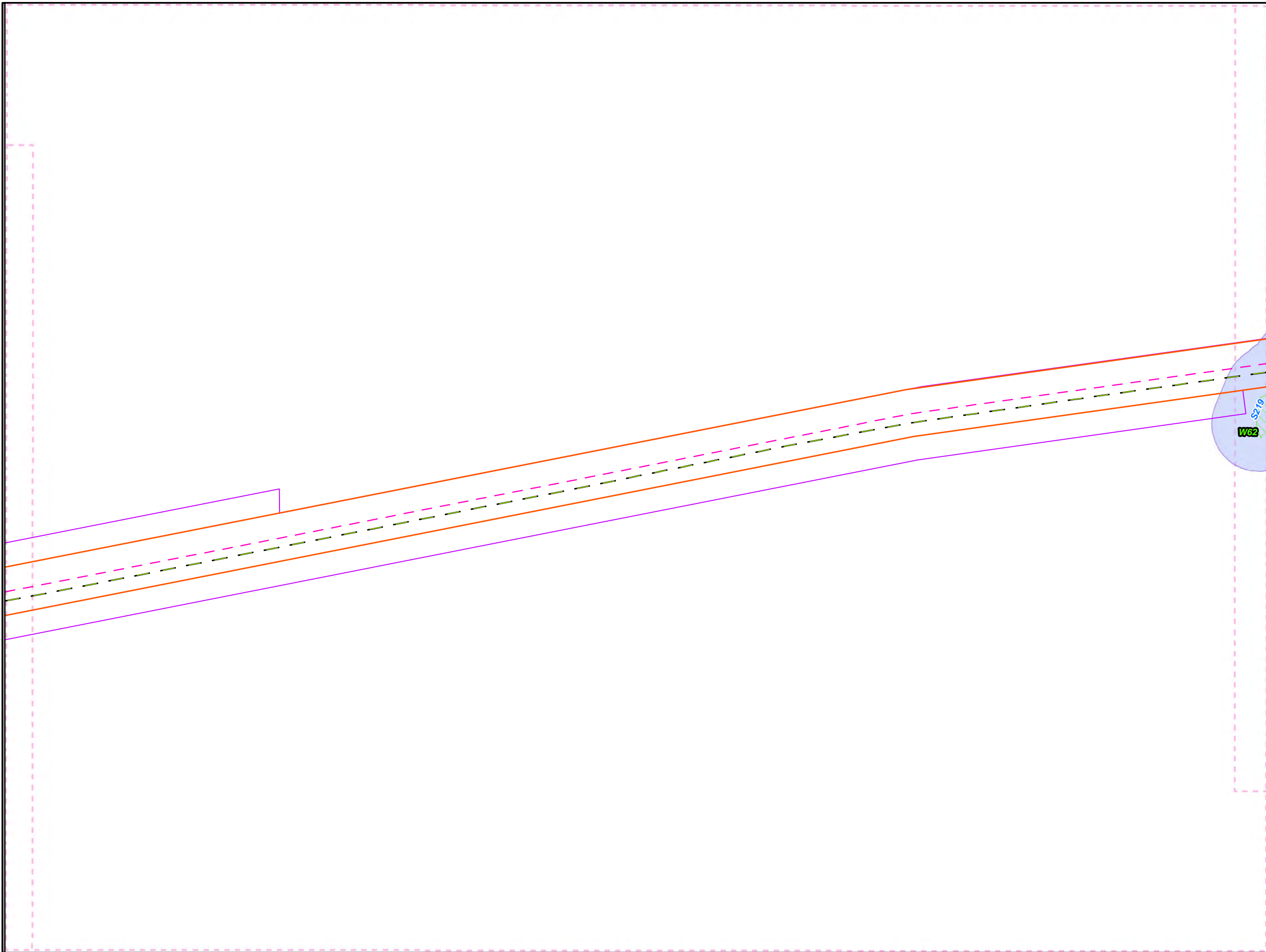


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 6 of 40**

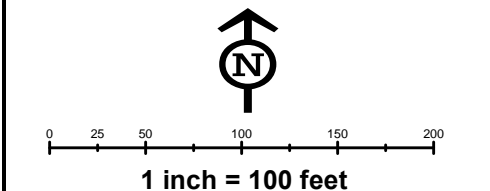
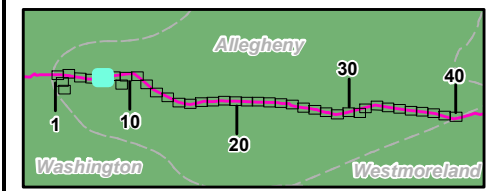
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

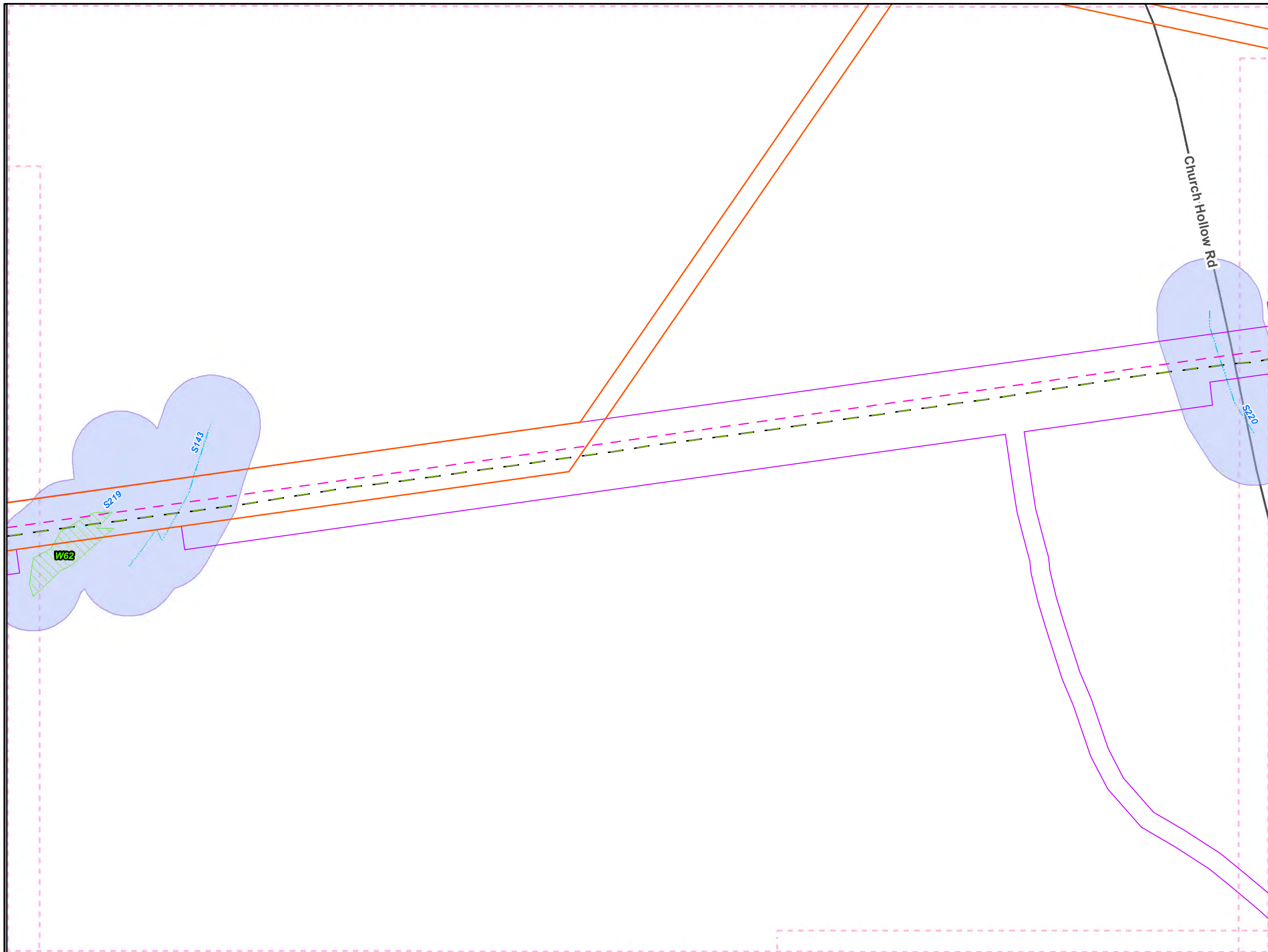


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA. Sheet 7 of 40

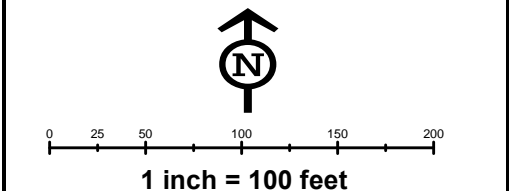
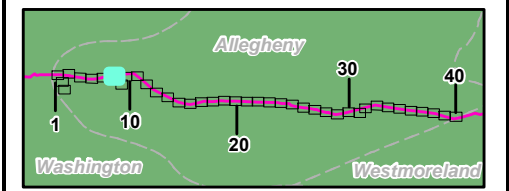
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

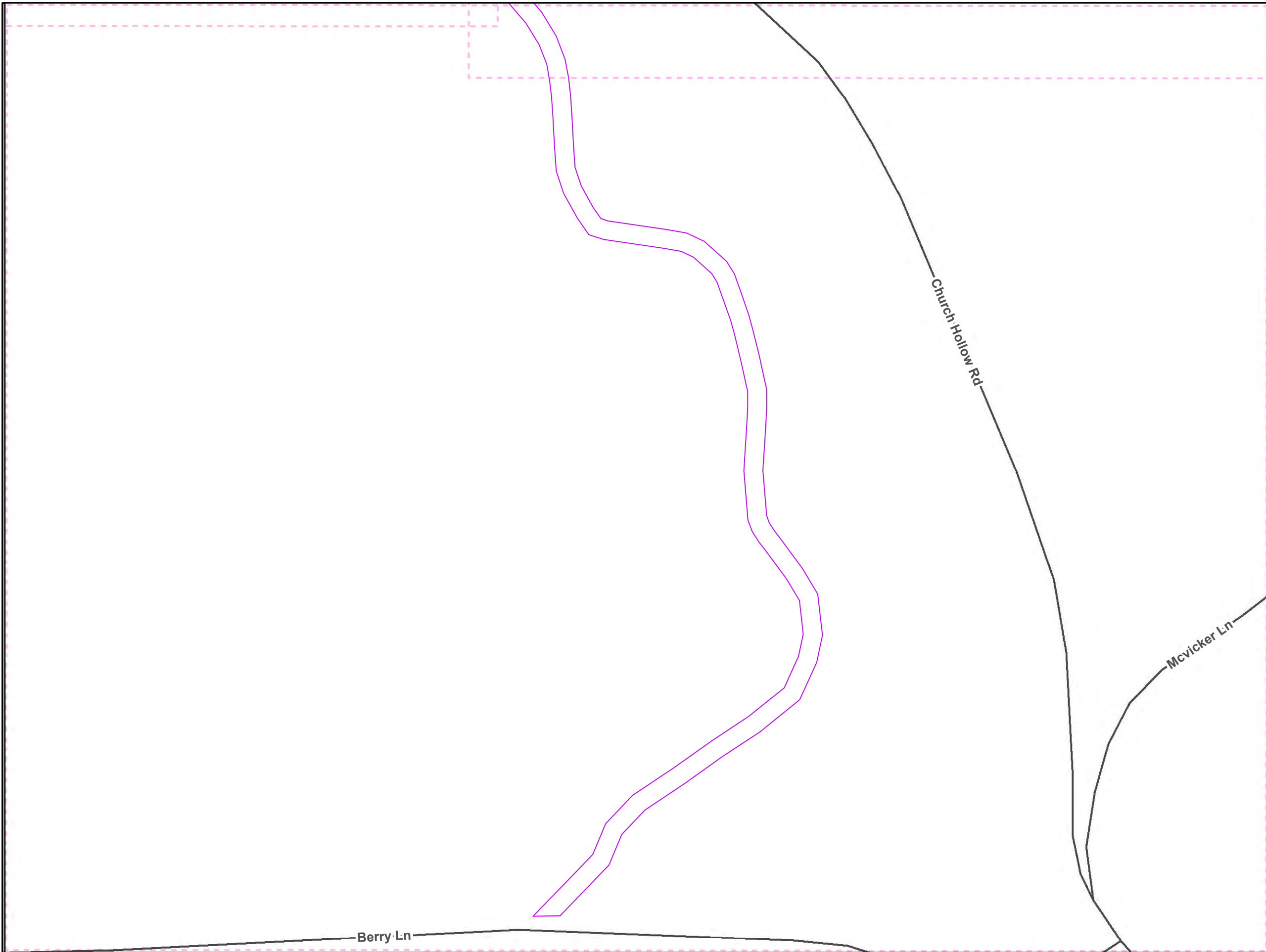


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 8 of 40**

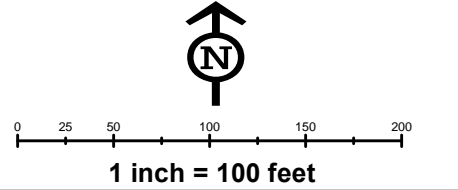
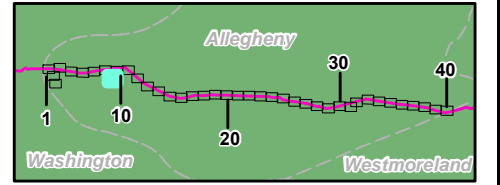
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

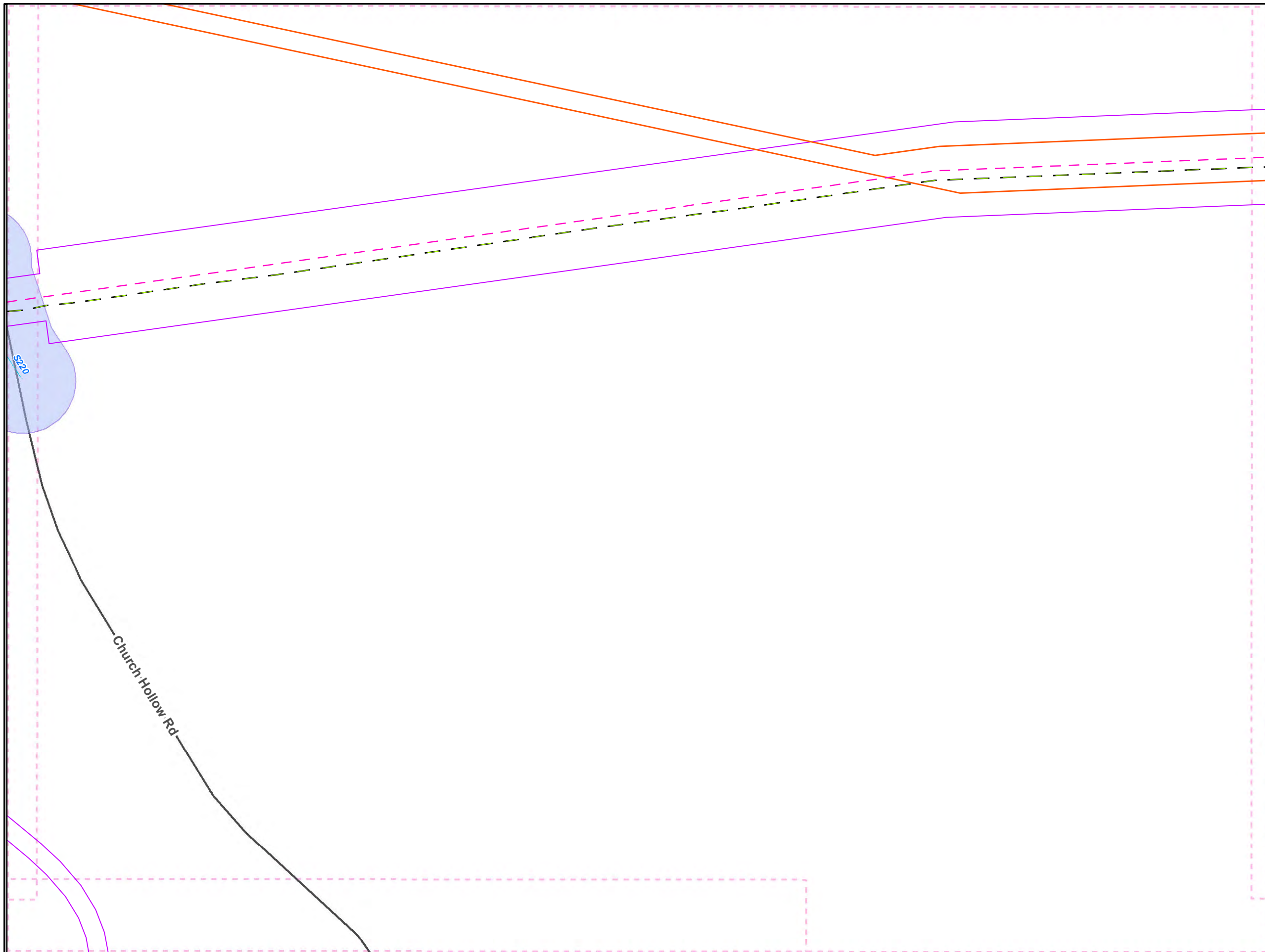


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 9 of 40**

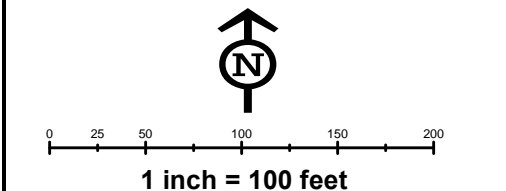
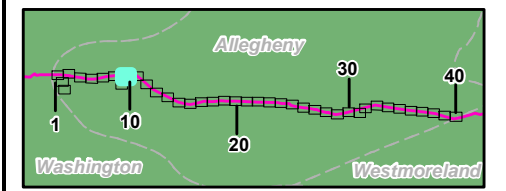
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
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 - PFO Wetland
 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

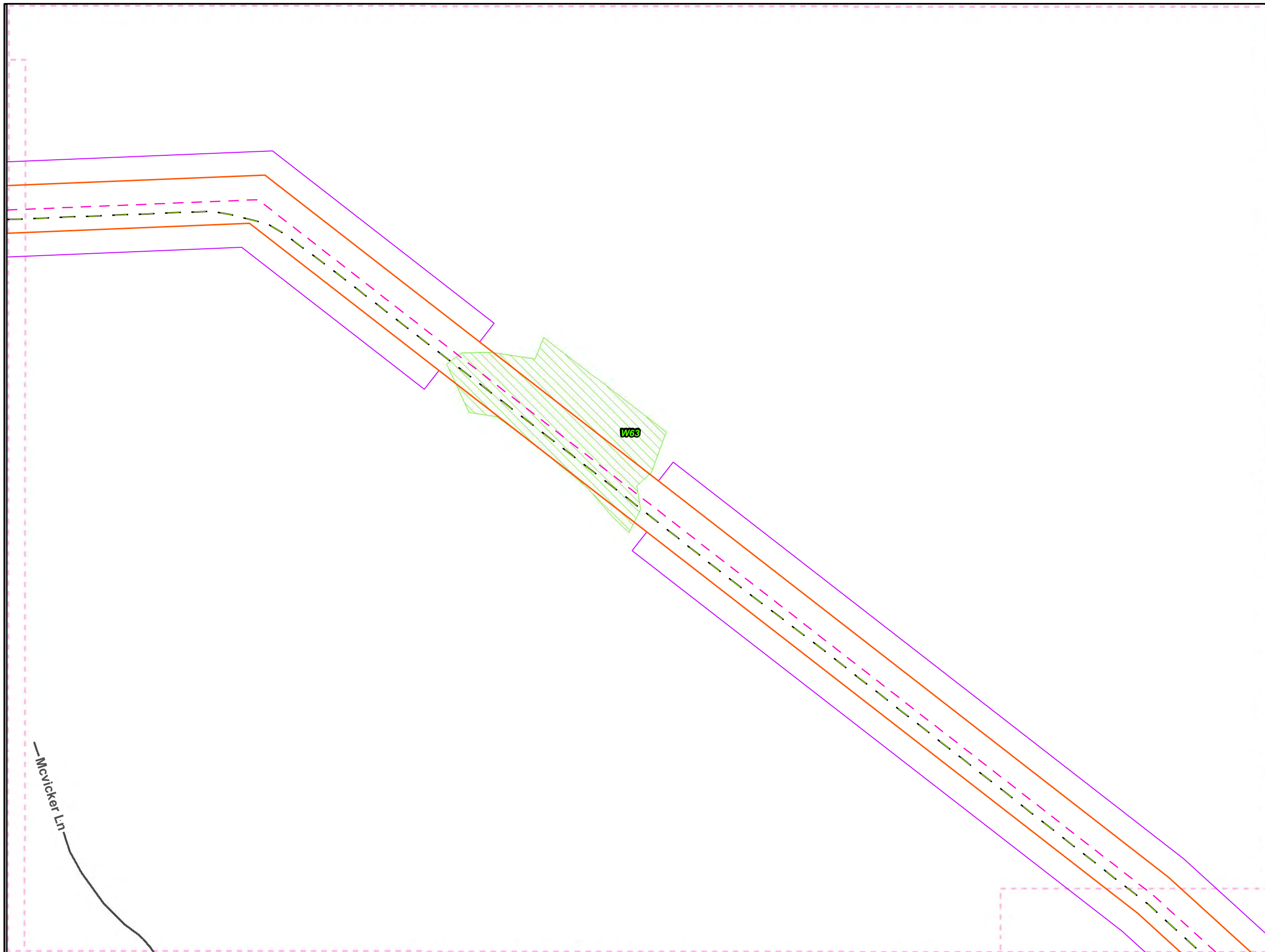


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 10 of 40**

Prepared By: 	Date: 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

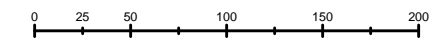
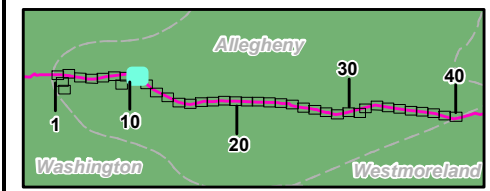
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
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 - PEM Wetland
 - PFO Wetland
 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

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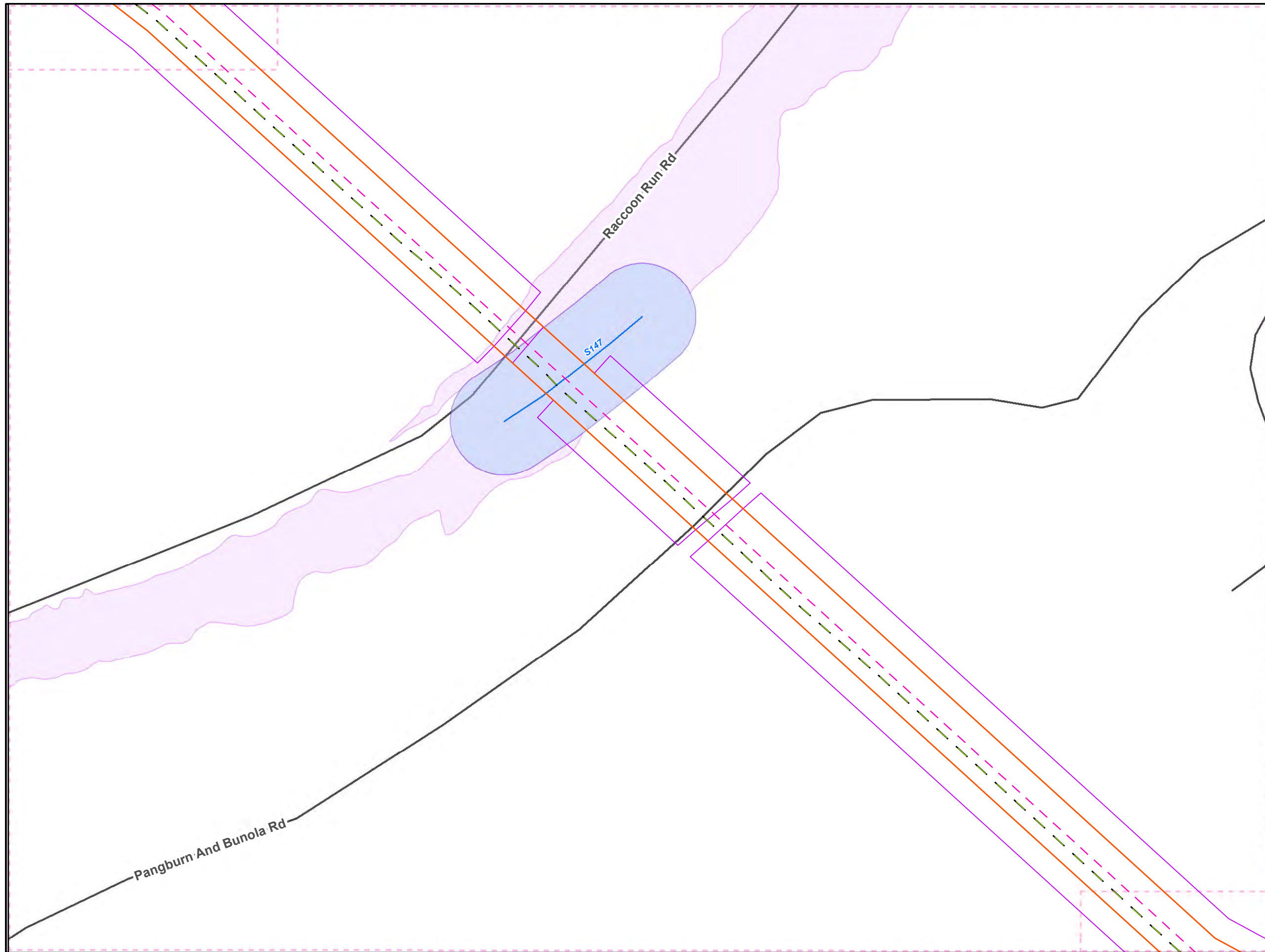
1 inch = 100 feet

ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA.
 Sheet 11 of 40

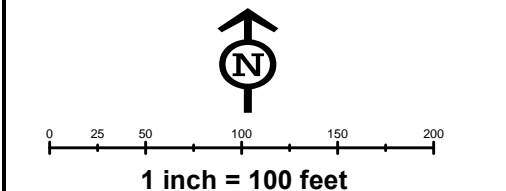
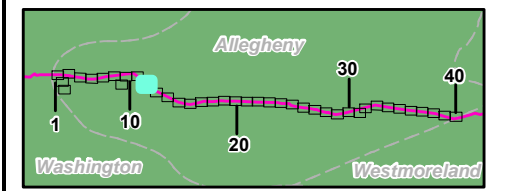
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
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 - Ch. 105 Floodways
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 - Ch. 106 Floodplain Fringe
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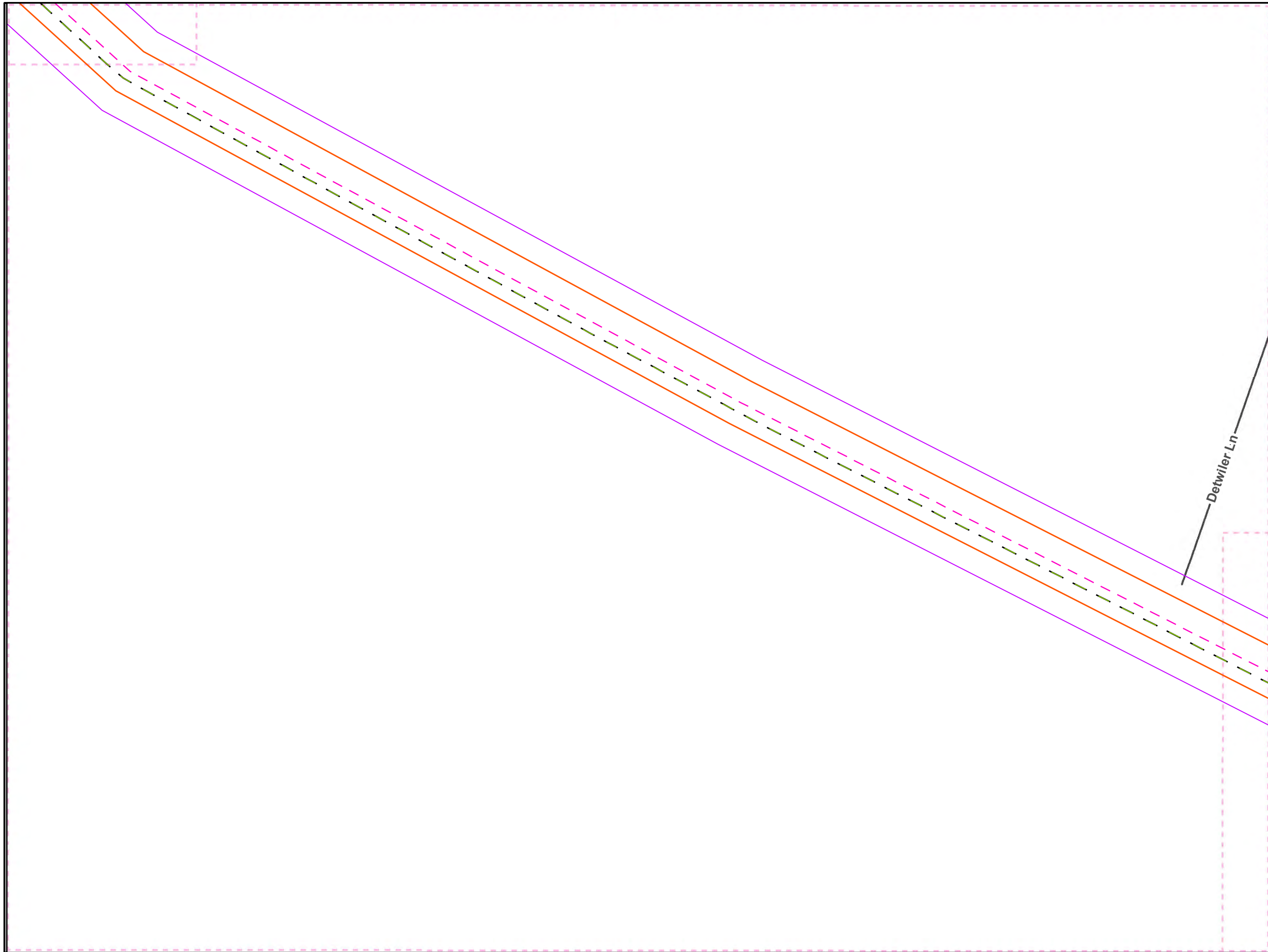


**ME 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 12 of 40**

Prepared By: TETRA TECH	Date: 11/2016
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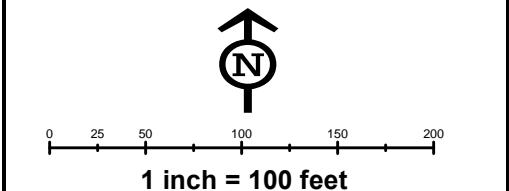
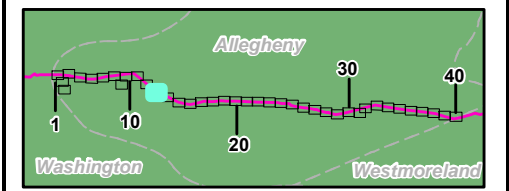
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
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 - Stations
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 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

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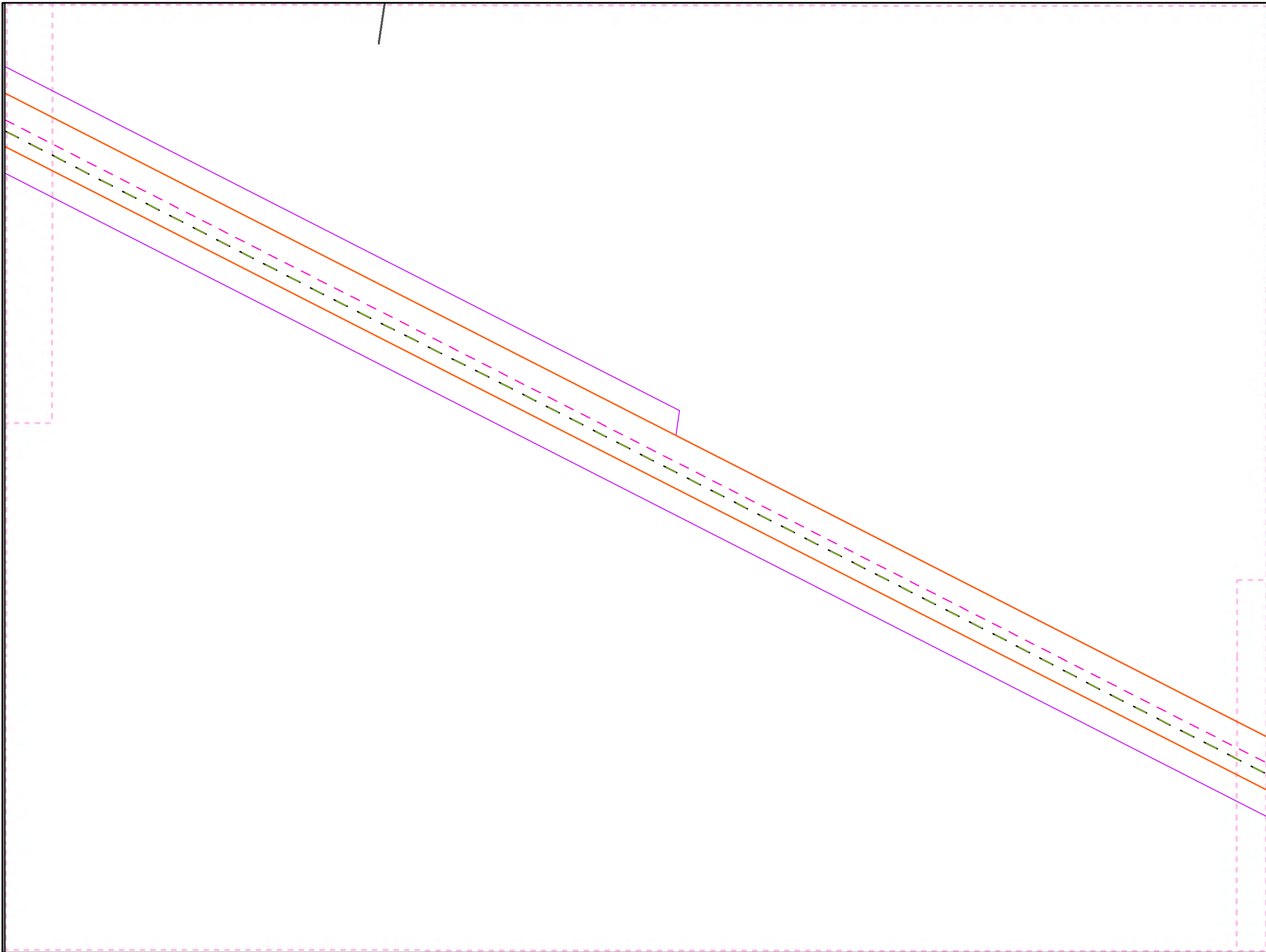


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA.
 Sheet 13 of 40

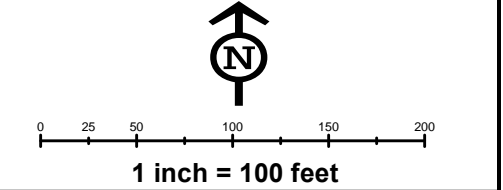
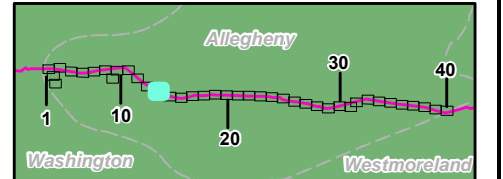
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
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 - Pond
 - PEM Wetland
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 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

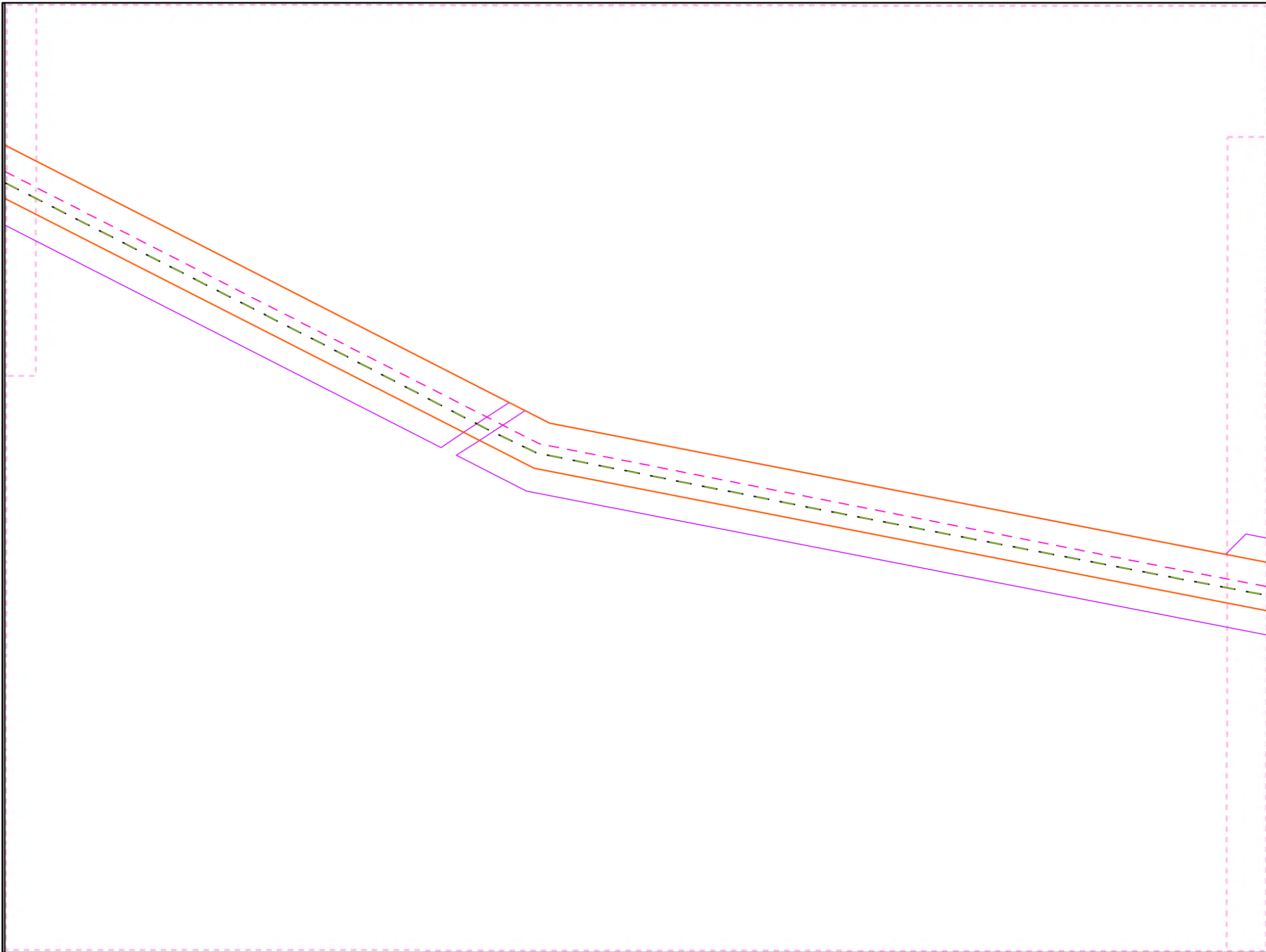


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA.
Sheet 14 of 40

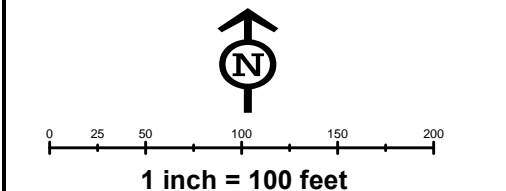
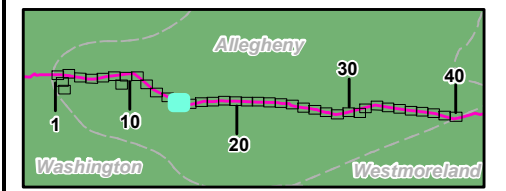
Prepared By: TETRA TECH	Date: 11/2016
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
 - Pond
 - PEM Wetland
 - PFO Wetland
 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

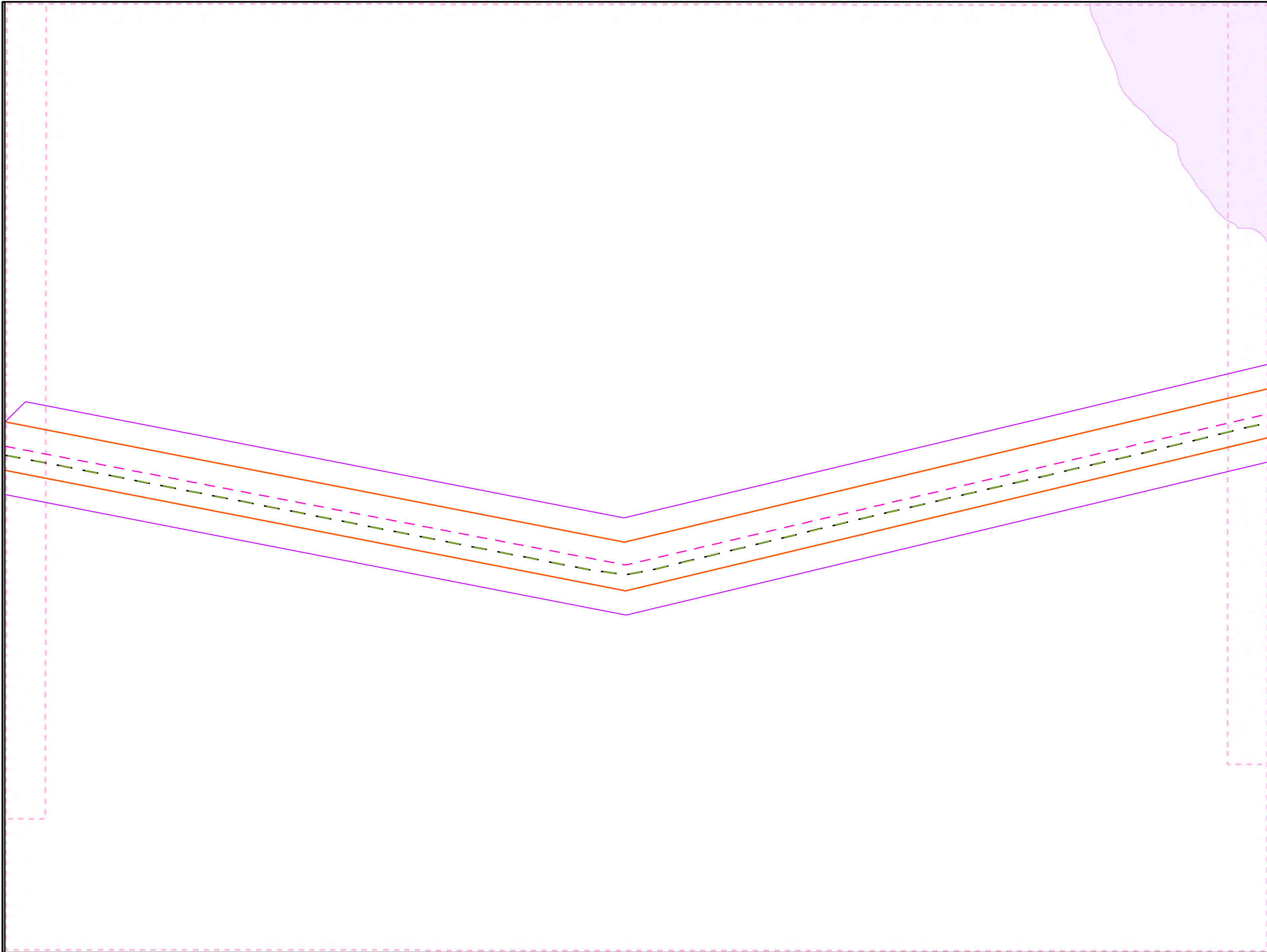


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 15 of 40**



















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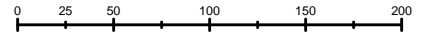
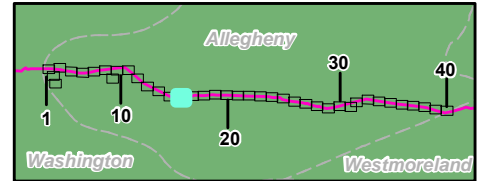
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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
Allegheny County, PA.
Sheet 16 of 40**

Prepared By:



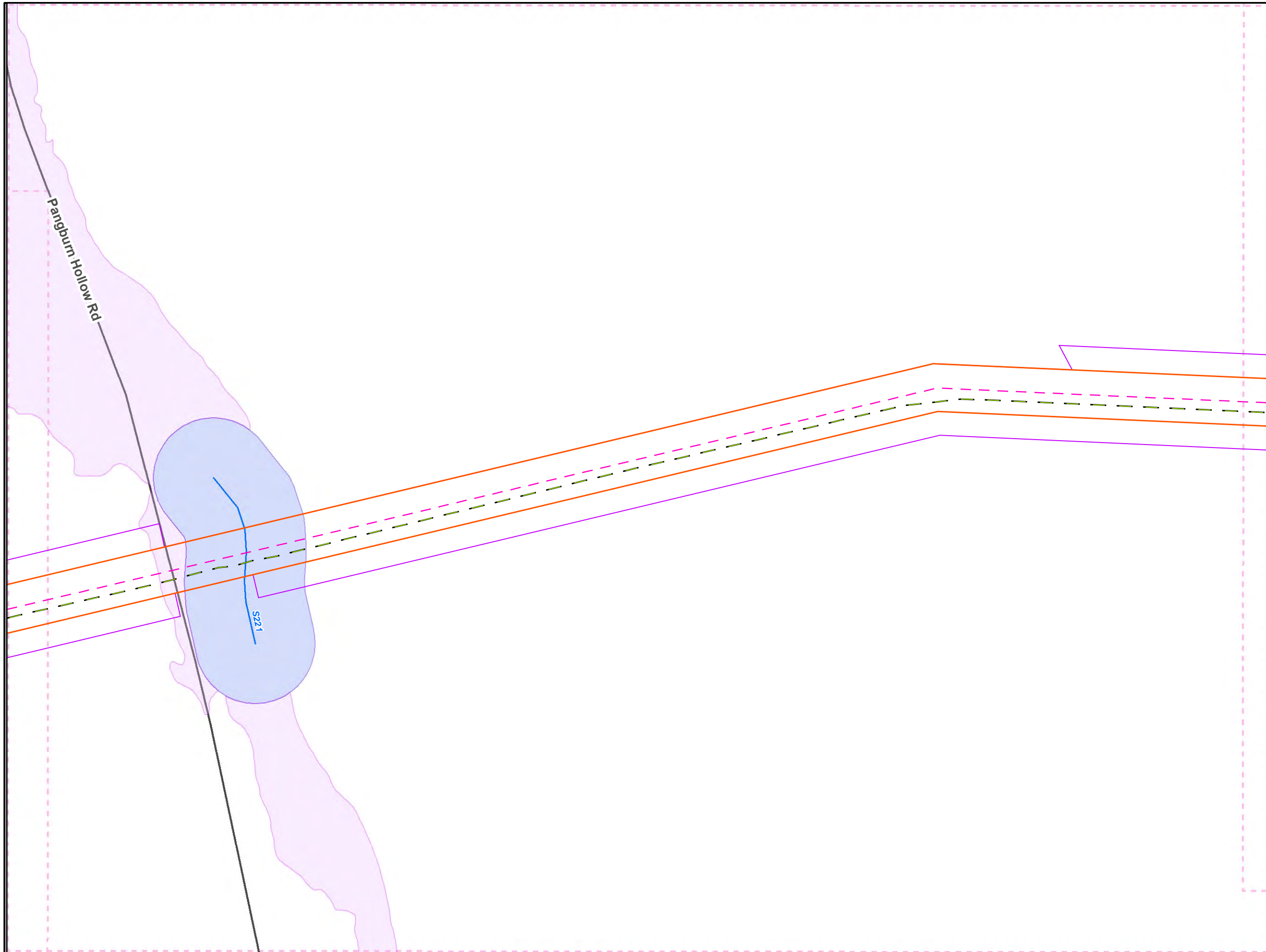
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11/2016

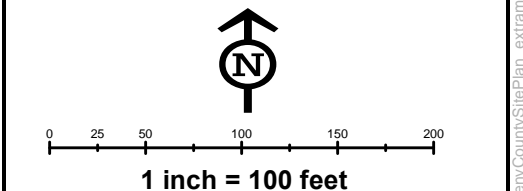
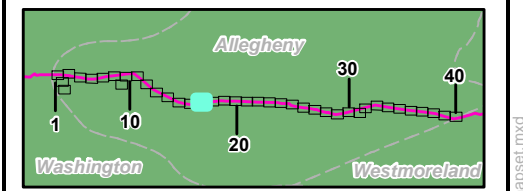
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Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

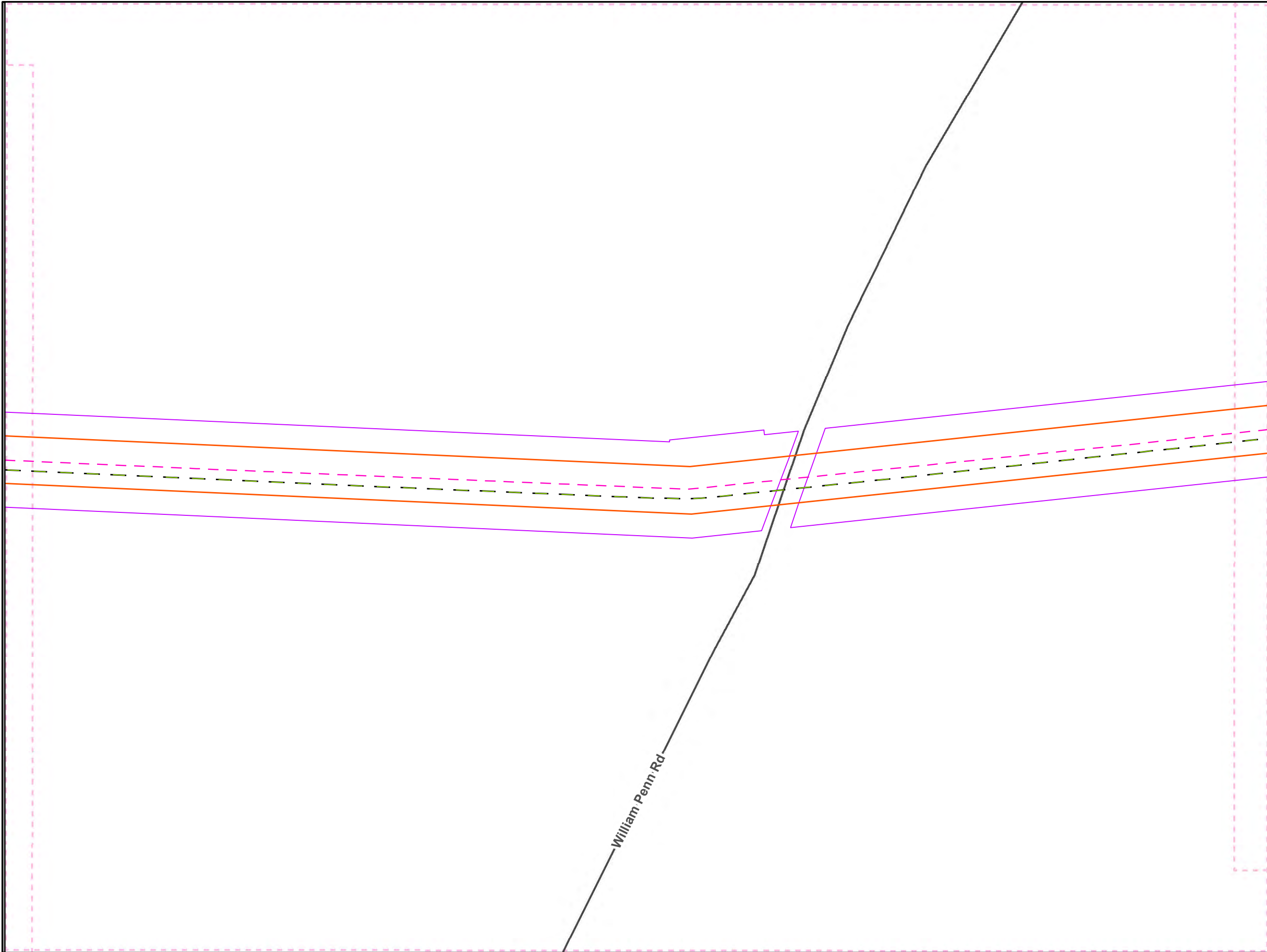


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA.
Sheet 17 of 40

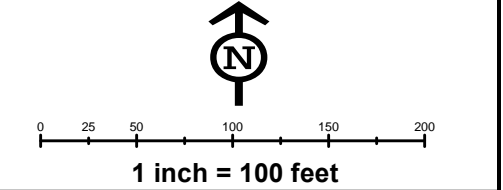
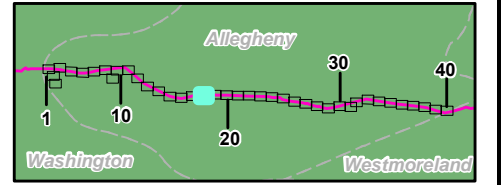
Prepared By: 	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
 - Pond
 - PEM Wetland
 - PFO Wetland
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 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

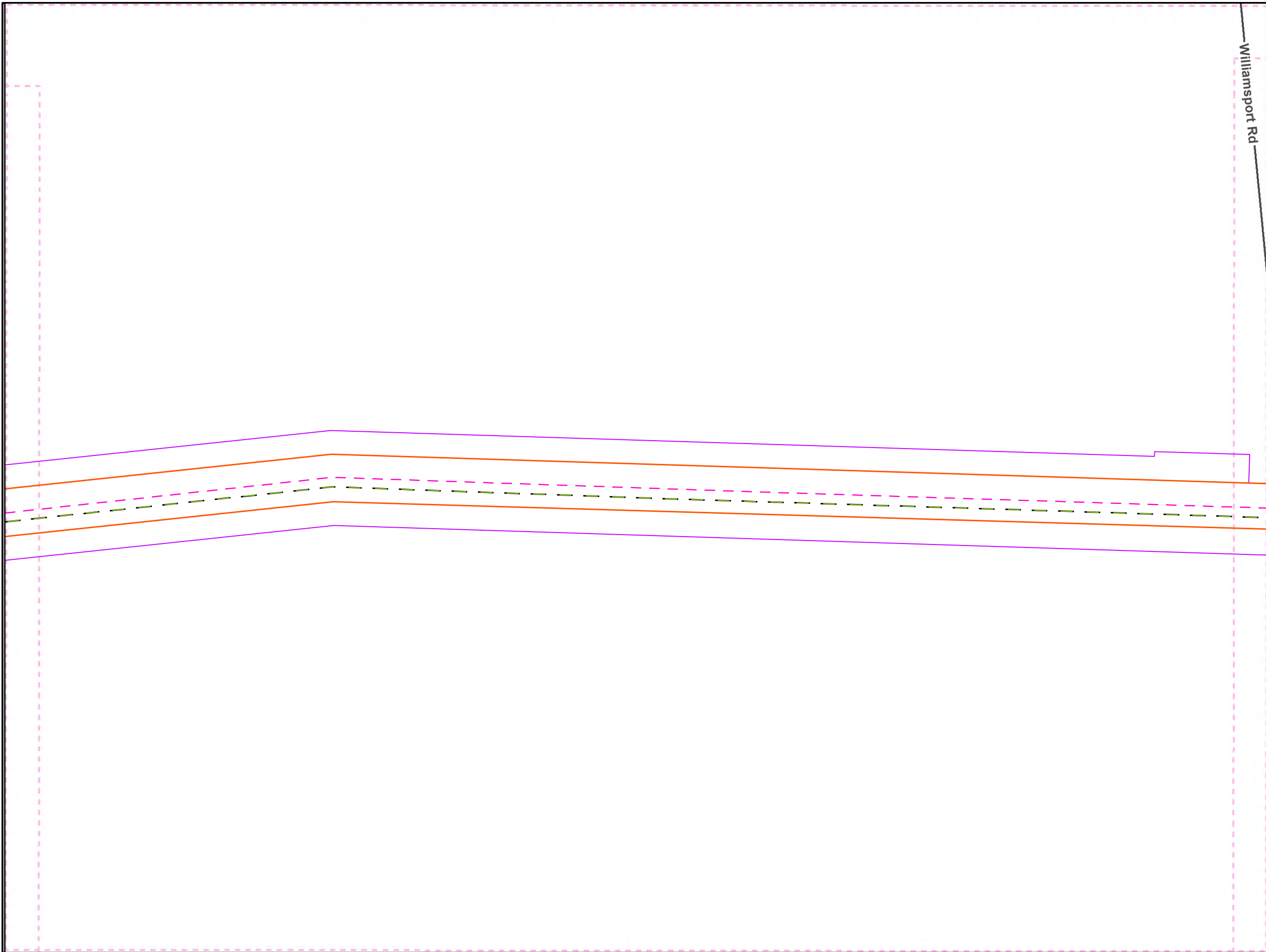


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 18 of 40**

Prepared By: 	Date: 11/2016
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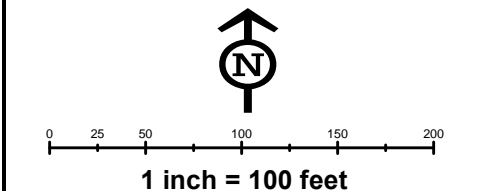
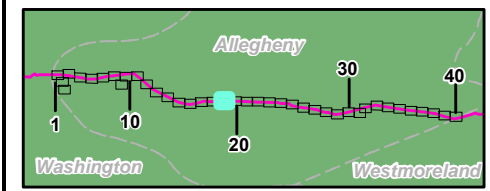
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Williamsport Rd

- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
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 - PEM Wetland
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 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

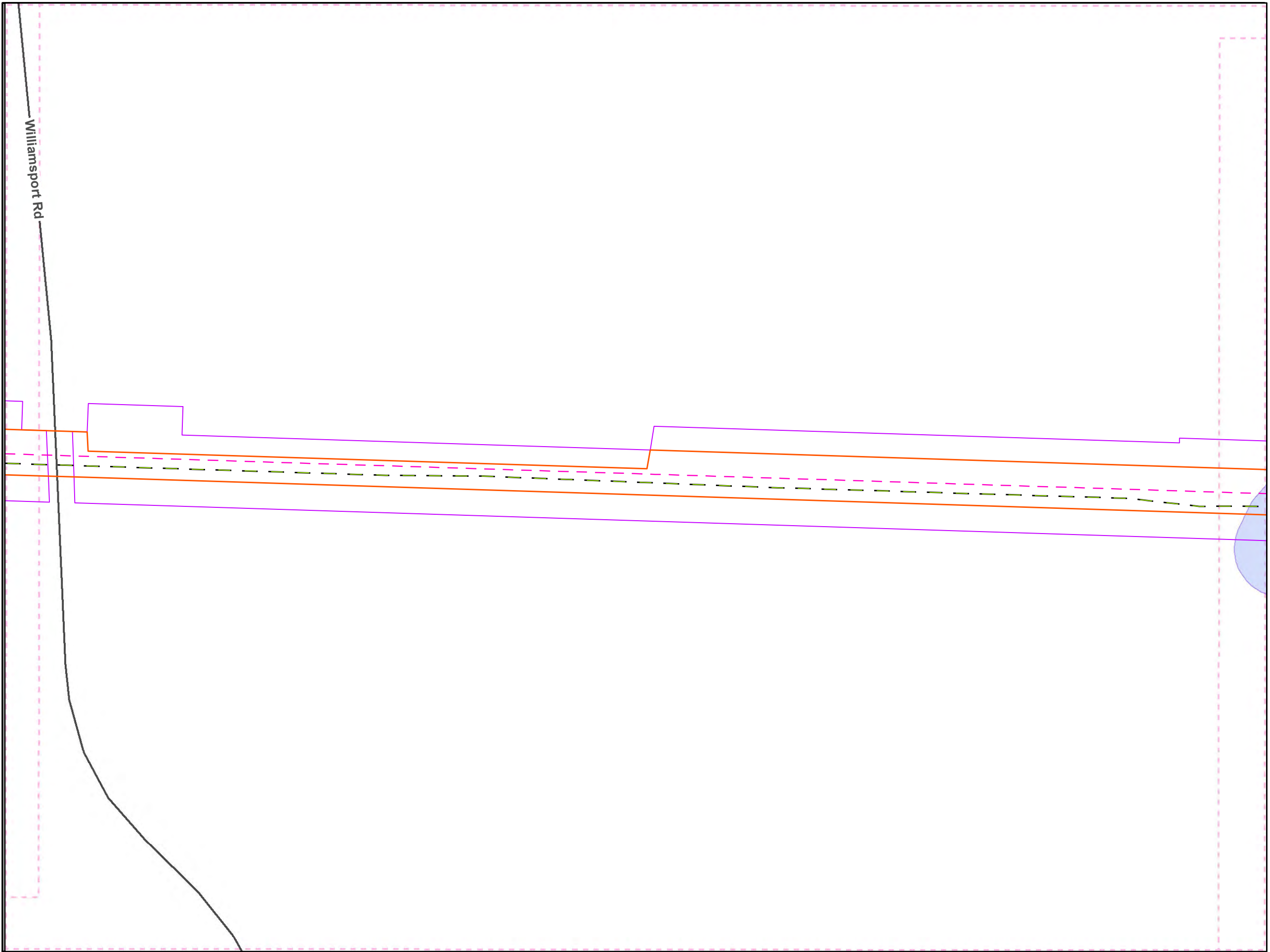


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA. Sheet 19 of 40

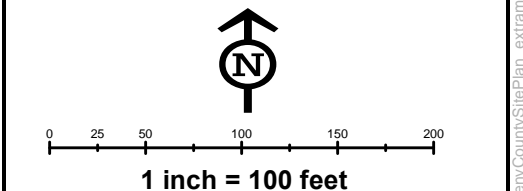
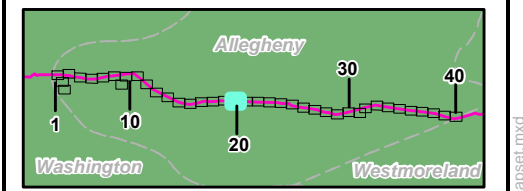
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
 - Pond
 - PEM Wetland
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 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

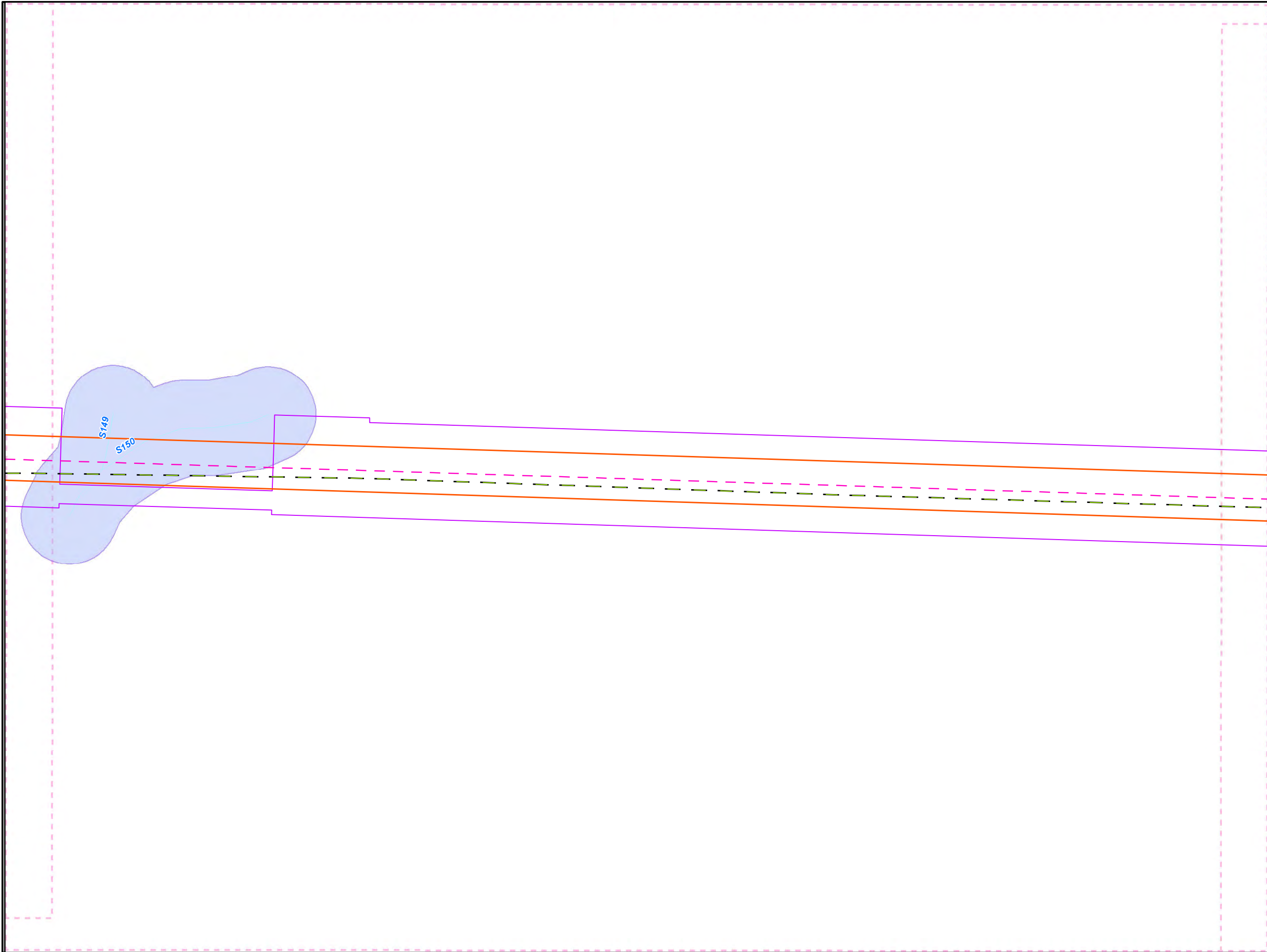


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 20 of 40**



















Prepared By: TETRA TECH	Date: 11/2016
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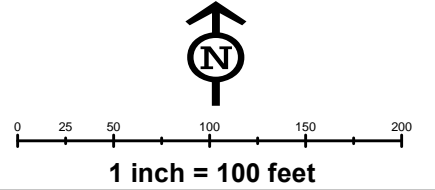
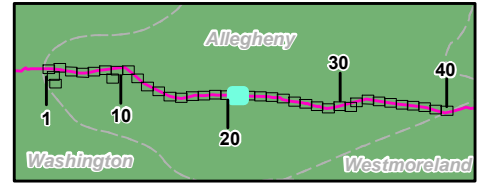
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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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

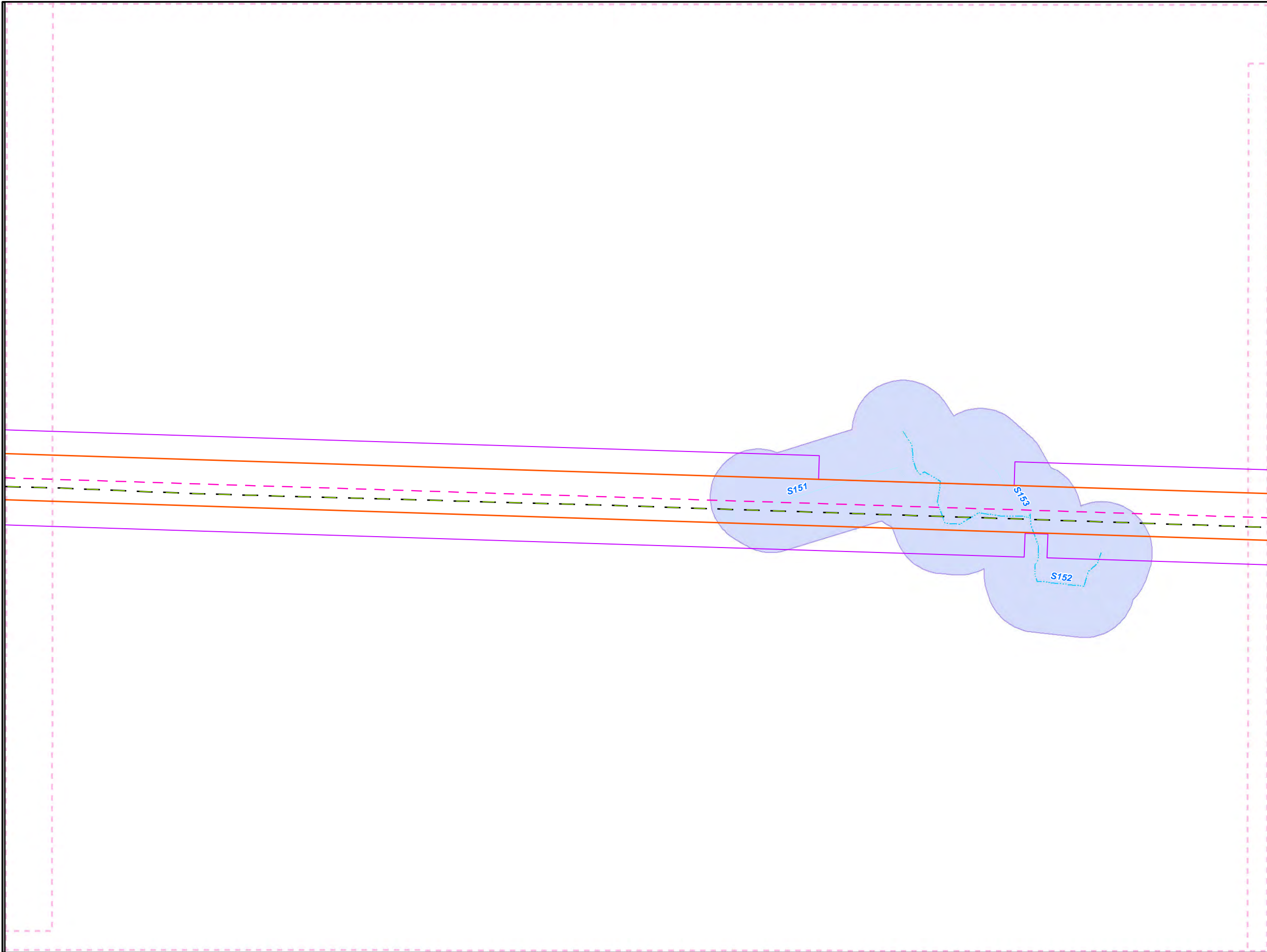


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 21 of 40**



















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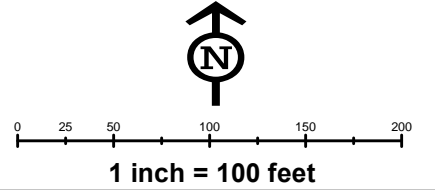
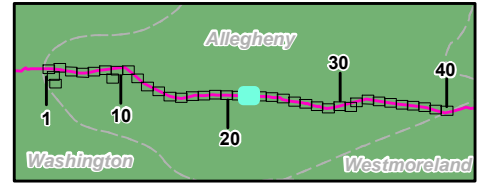
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  Stations
-  Ephemeral Stream
-  Intermittent Stream
-  Perennial Stream
-  Pond
-  PEM Wetland
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-  PSS Wetland
-  Ch. 105 Floodways
-  Waived Ch. 105 Floodways
-  Ch. 106 Floodplain Fringe
-  Roads
-  Sheet Boundary

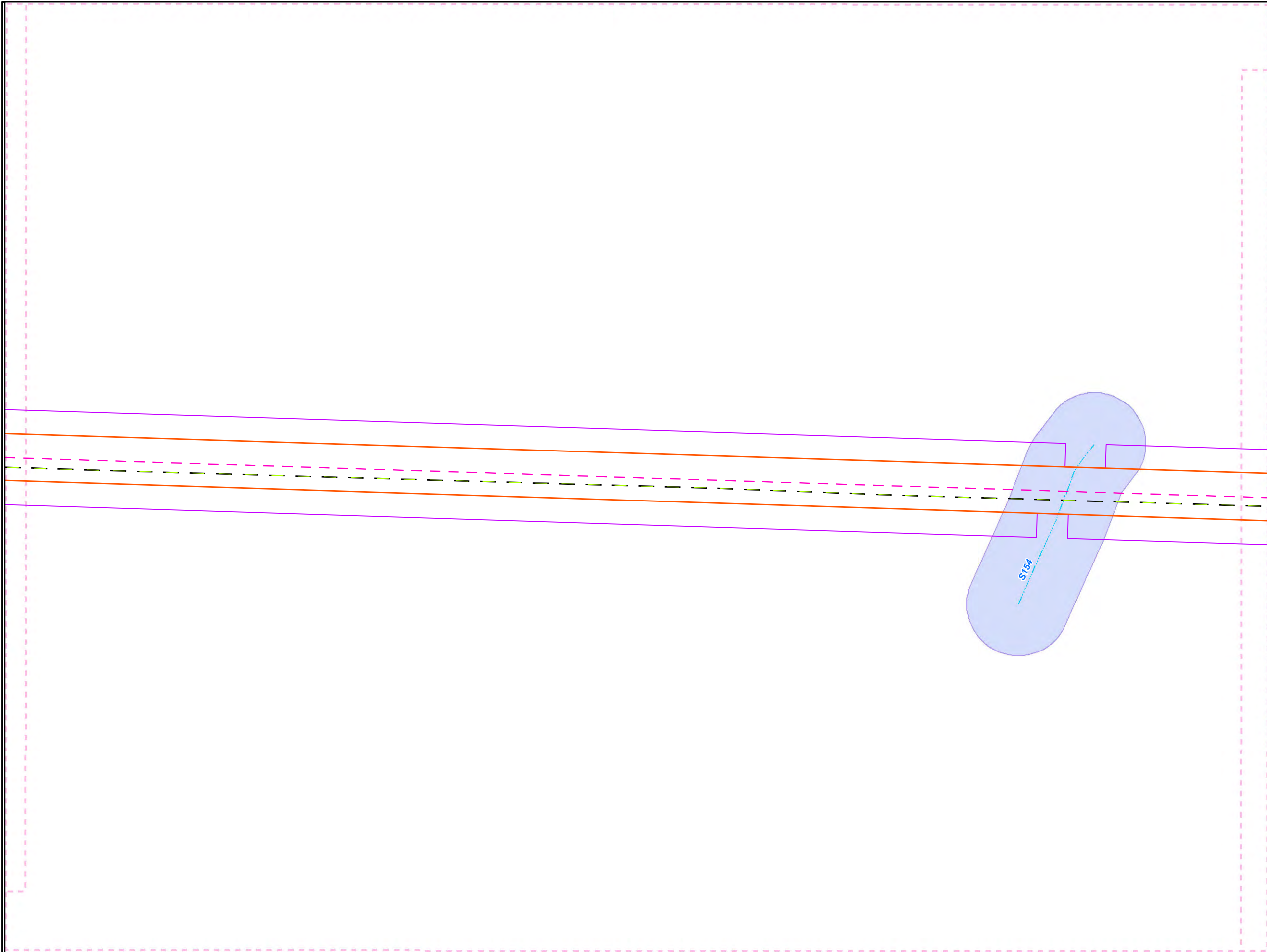


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 22 of 40**



















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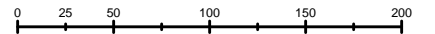
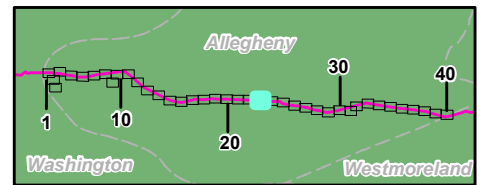
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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
Allegheny County, PA.
Sheet 23 of 40**

Prepared By:



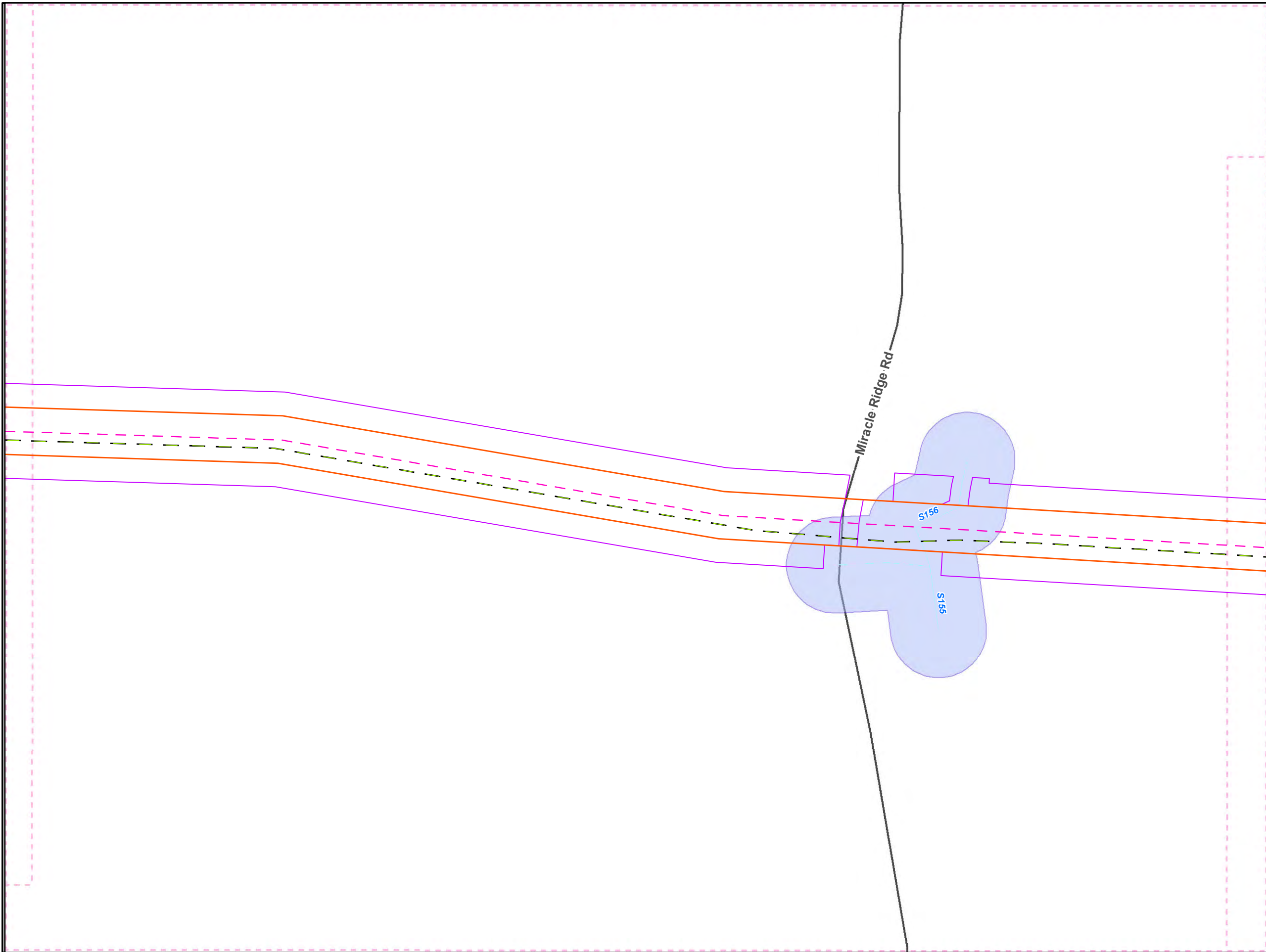
Date:

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.

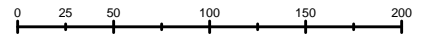
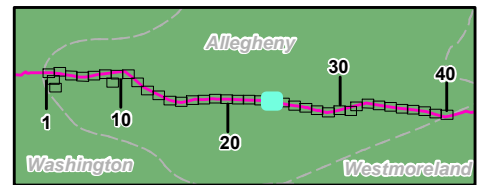
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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
Allegheny County, PA.
Sheet 24 of 40**

Prepared By:



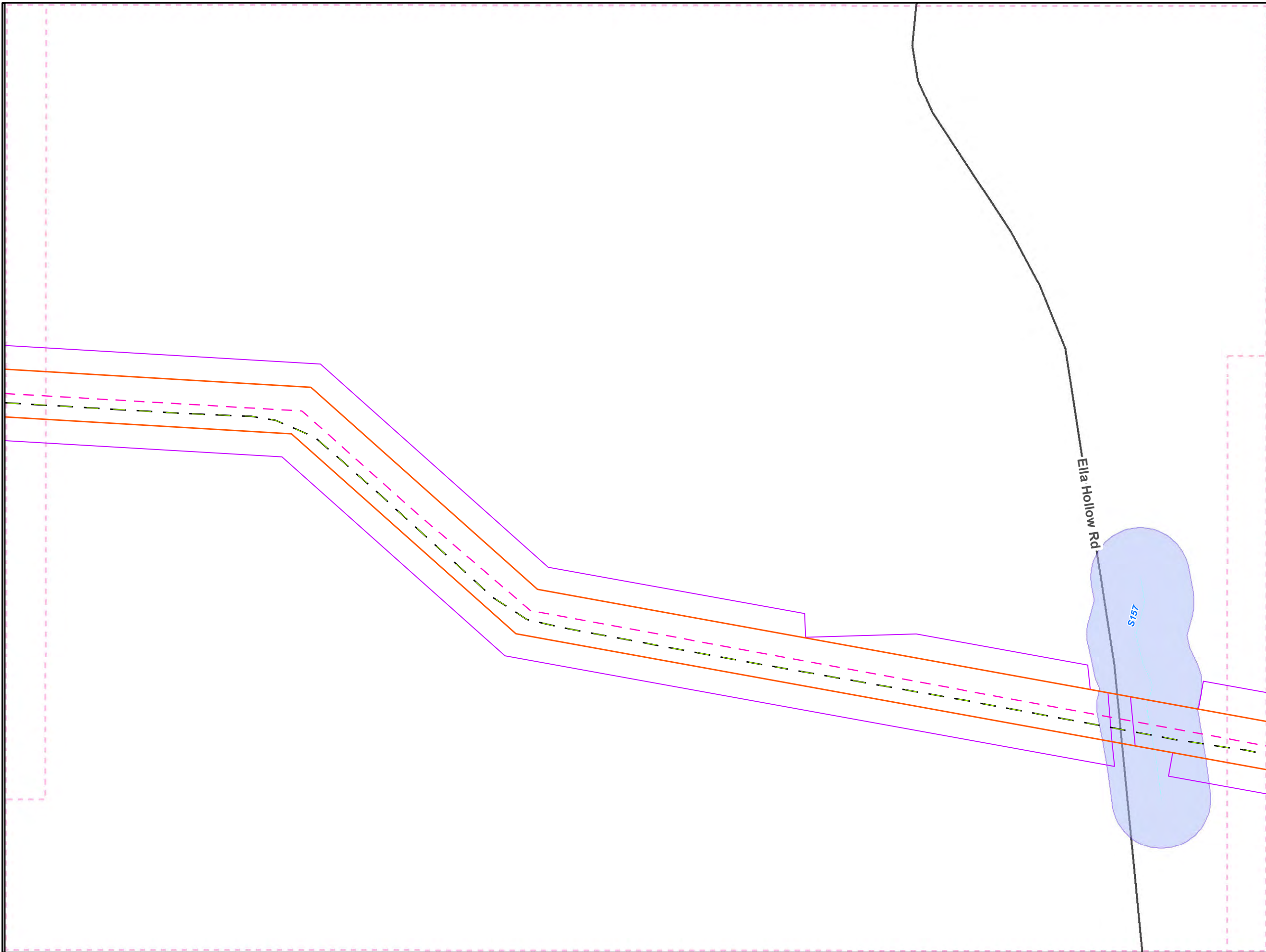
Date:

11/2016

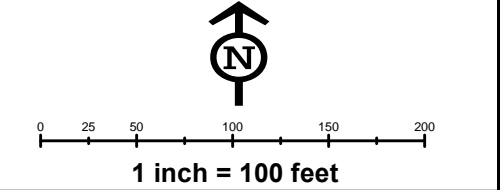
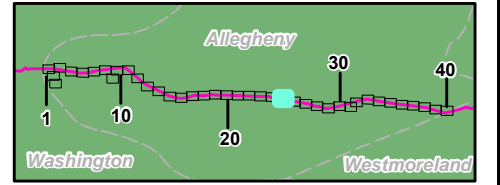
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
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 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

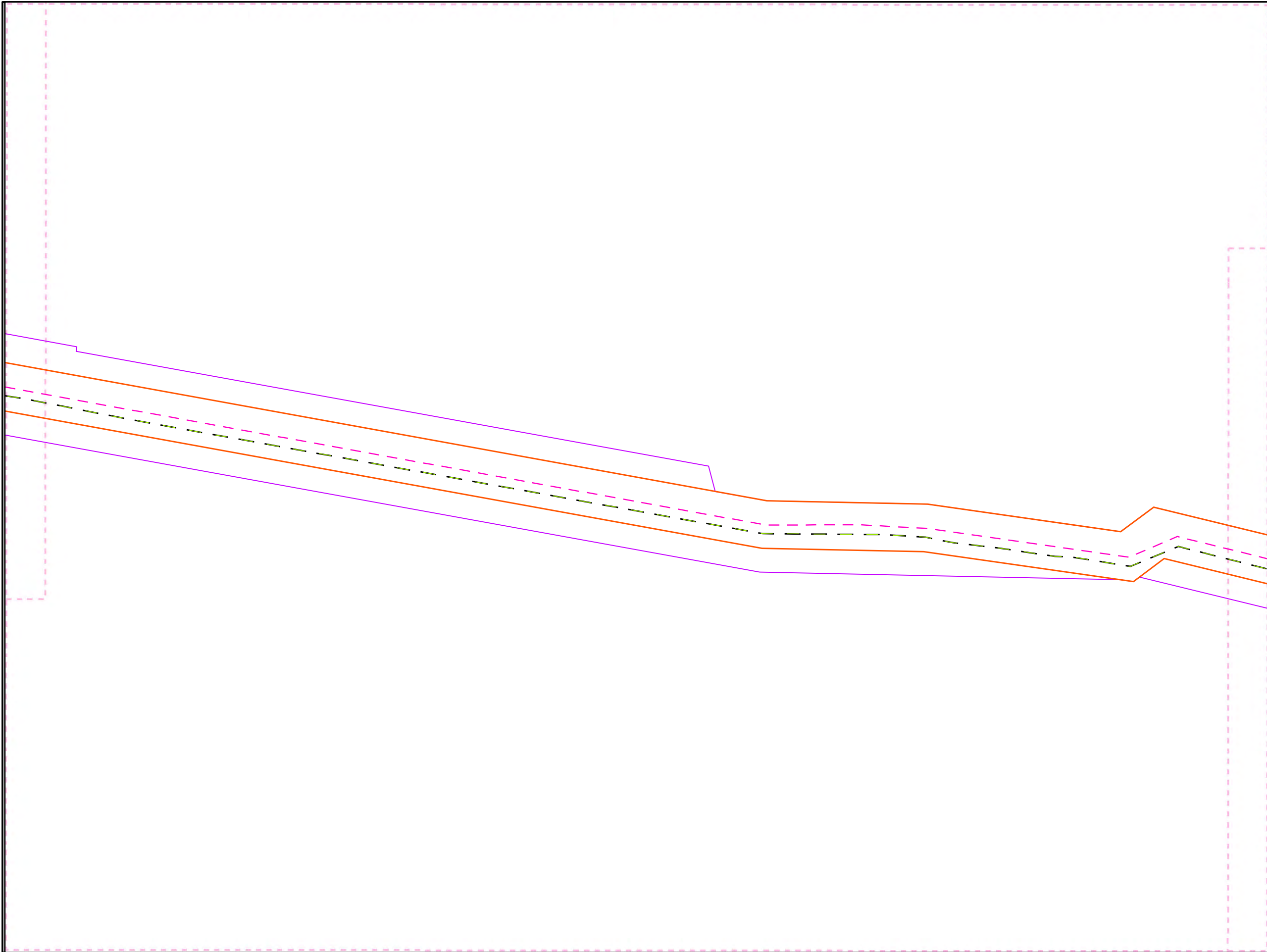


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 25 of 40**



















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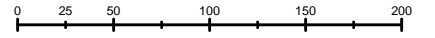
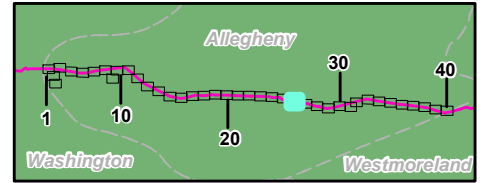
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  Stations
-  Ephemeral Stream
-  Intermittent Stream
-  Perennial Stream
-  Pond
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-  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
Allegheny County, PA.
Sheet 26 of 40**

Prepared By:



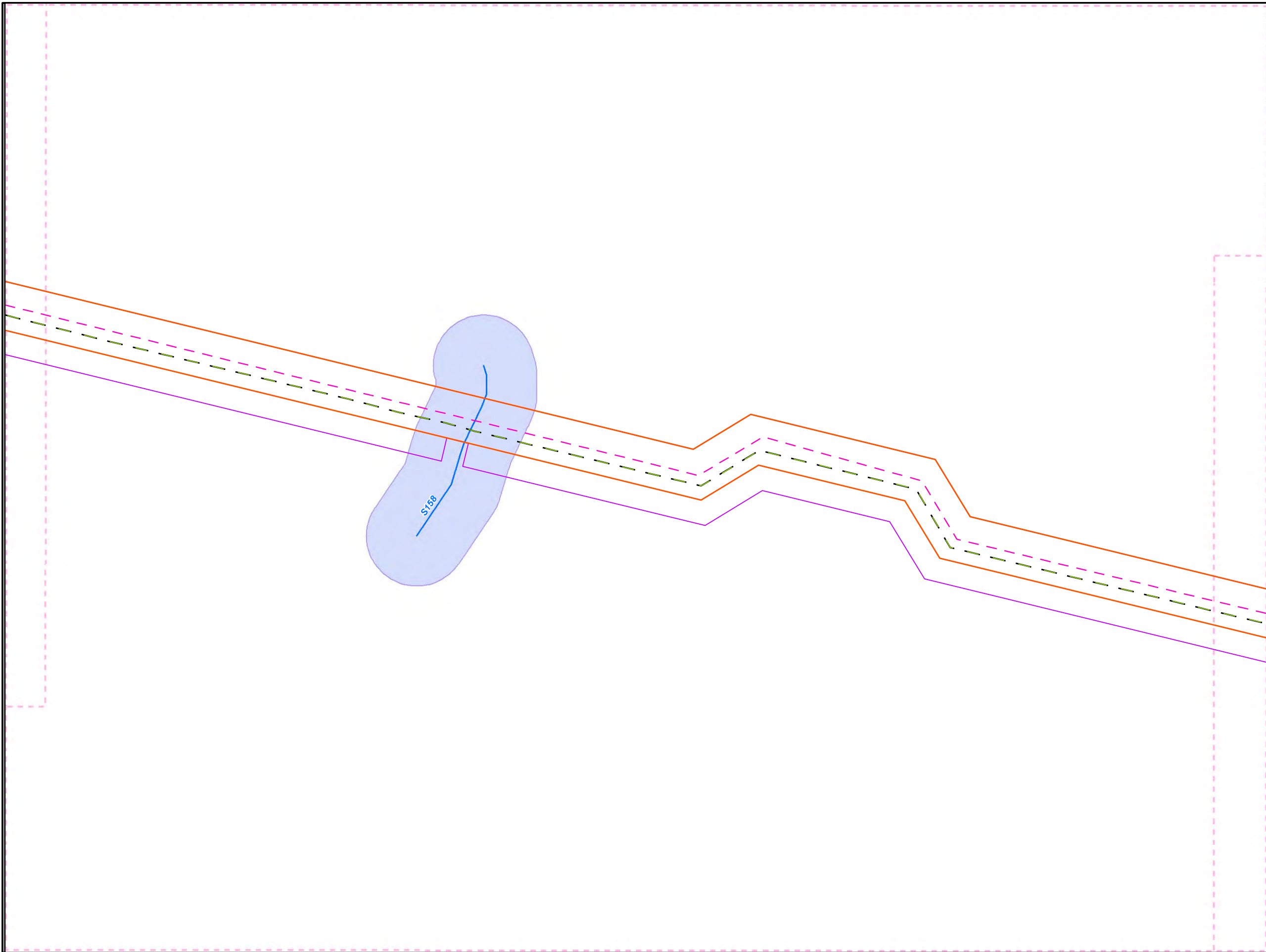
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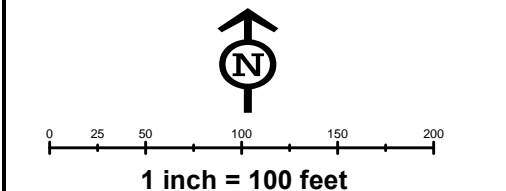
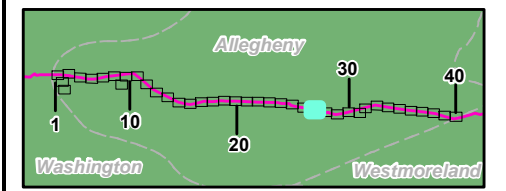
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
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 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

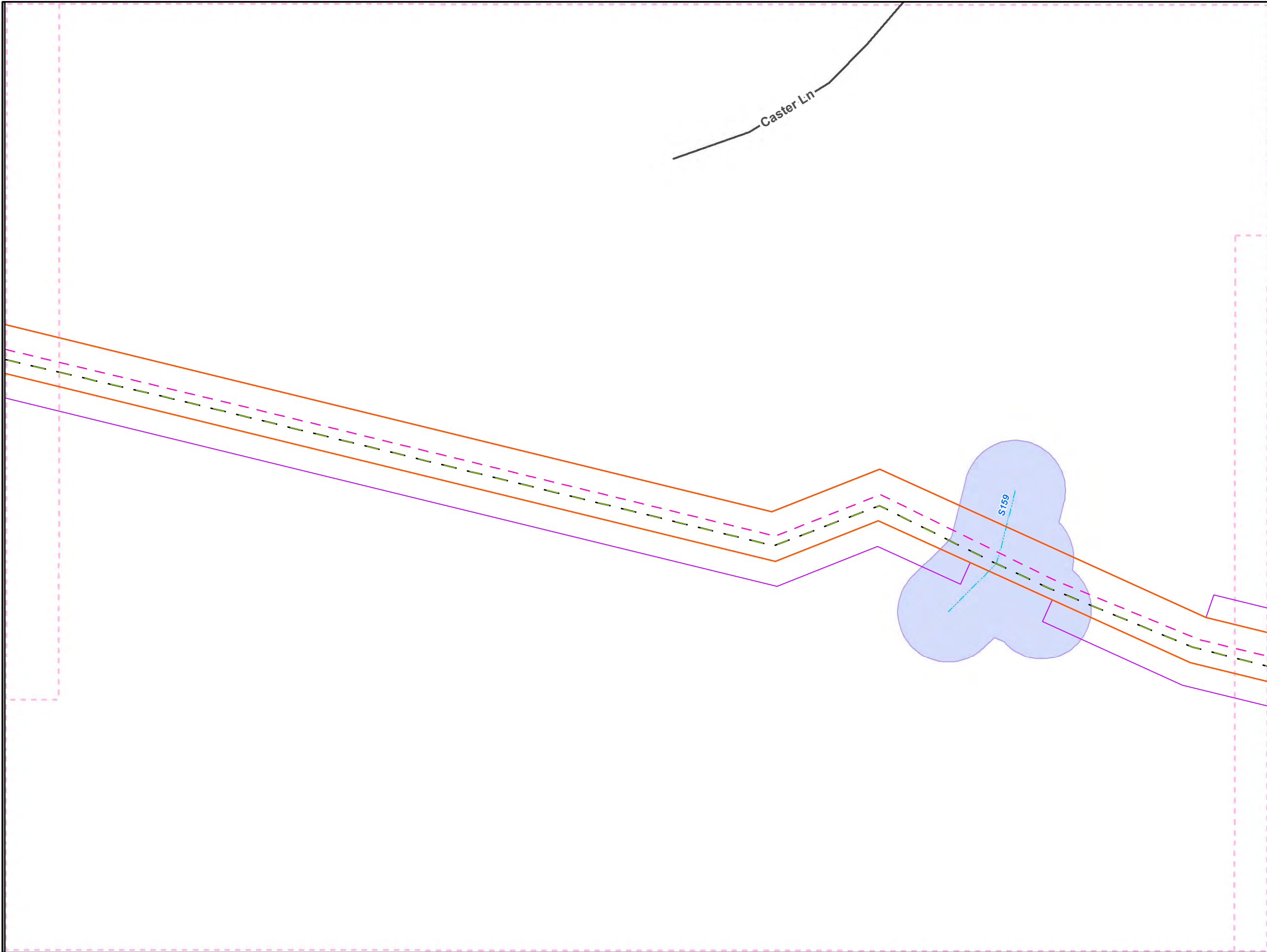


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 27 of 40**



















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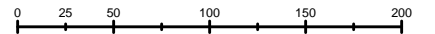
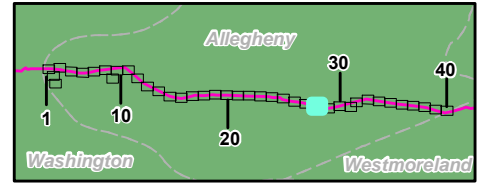
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  Stations
-  Ephemeral Stream
-  Intermittent Stream
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-  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
Allegheny County, PA.
Sheet 28 of 40**

Prepared By:



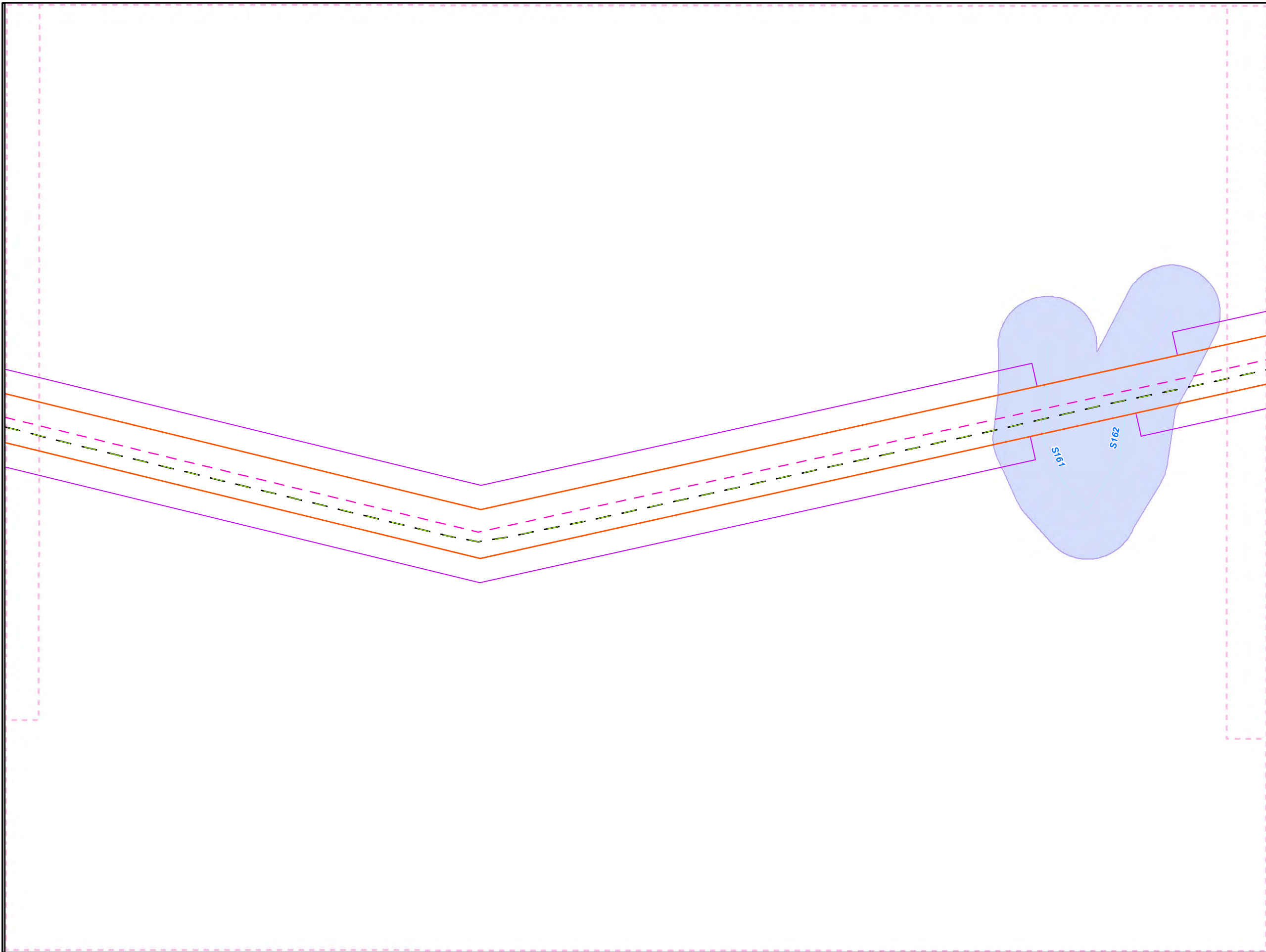
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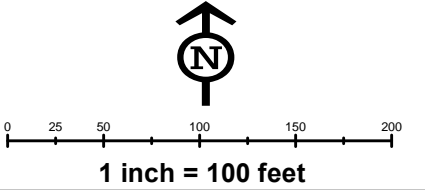
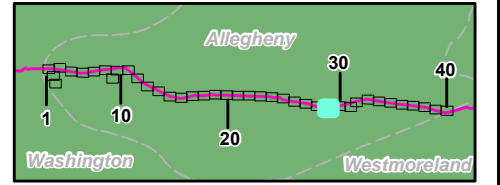
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet

C:\GIS_files\PPP\GIS\MapX\CountyPermits\AlleghenyCounty\SitePlan_extramapsheet.mxd



- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
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 - Ch. 105 Floodways
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 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

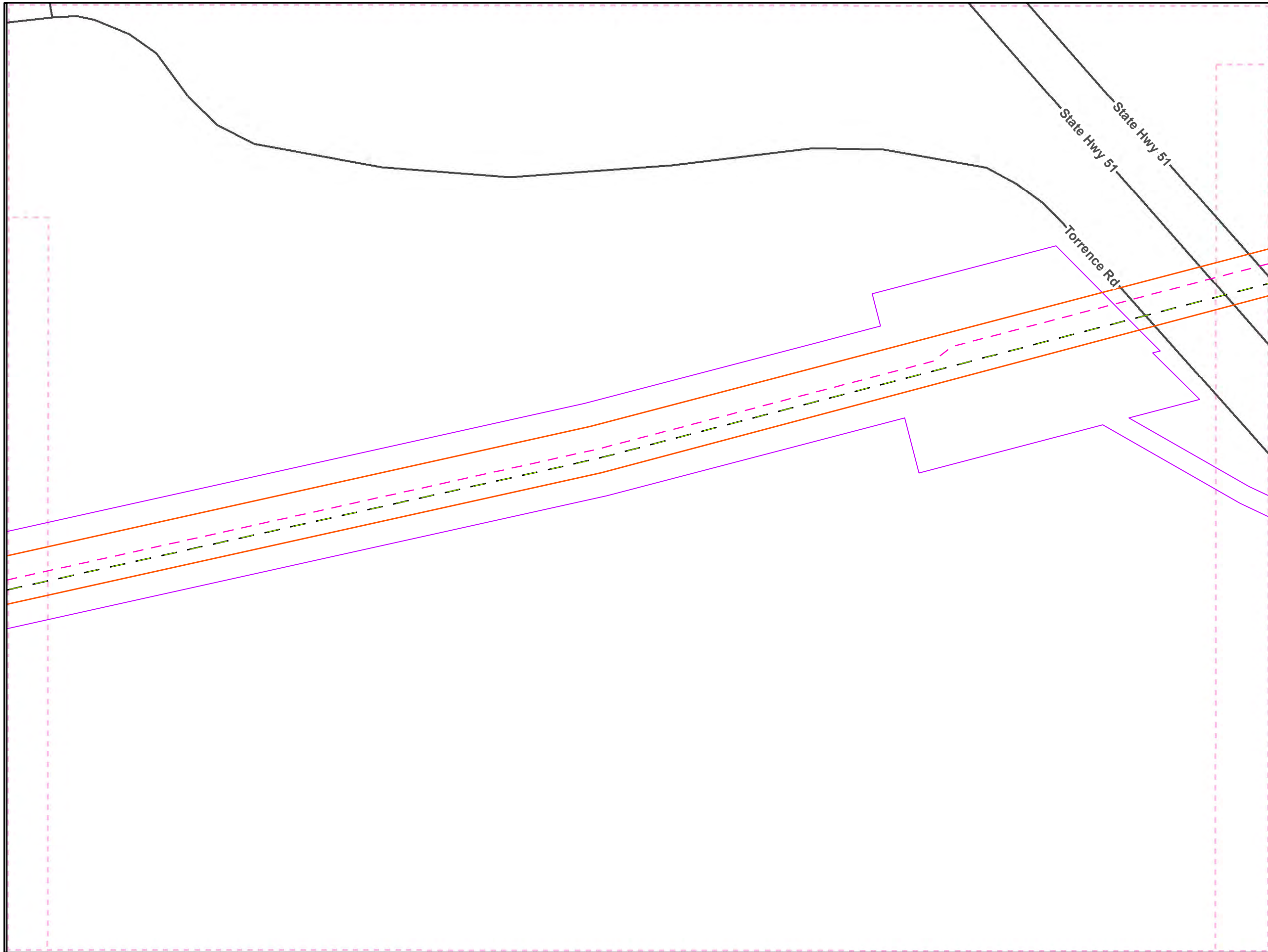


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 29 of 40**

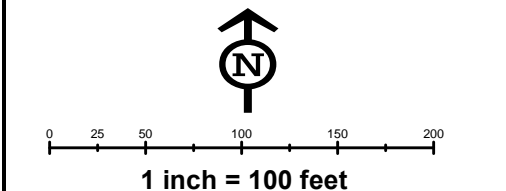
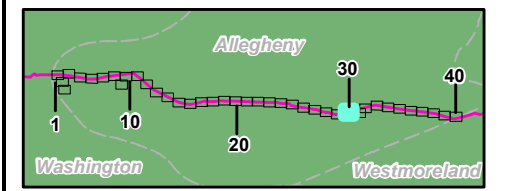
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

C:\GIS_files\PPP\GIS\MapX\CountyPermits\AlleghenyCounty\SitePlan_extramapsheet.mxd



- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

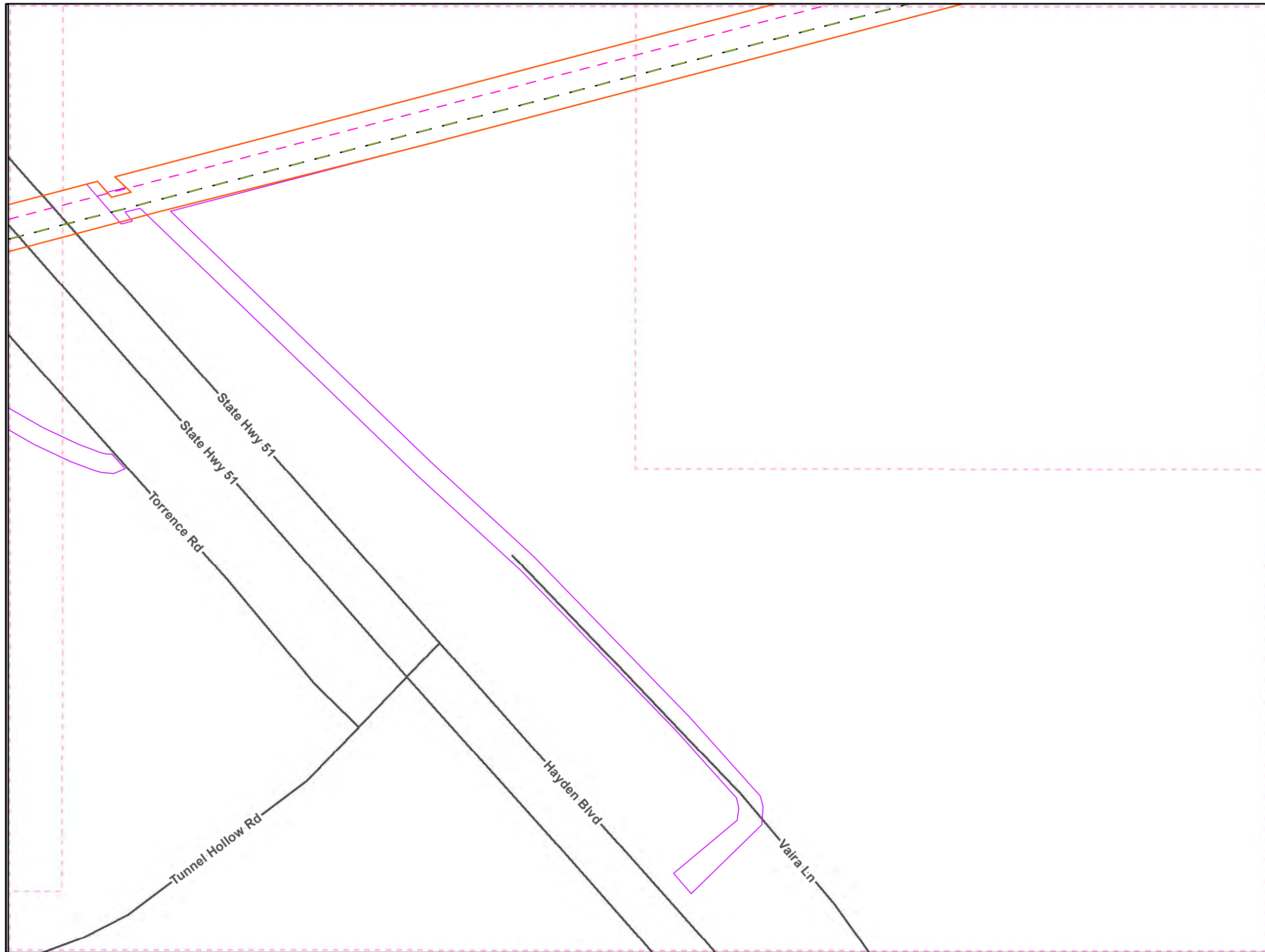


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 30 of 40**

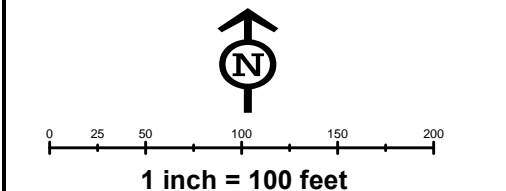
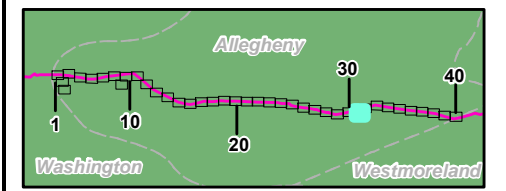
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

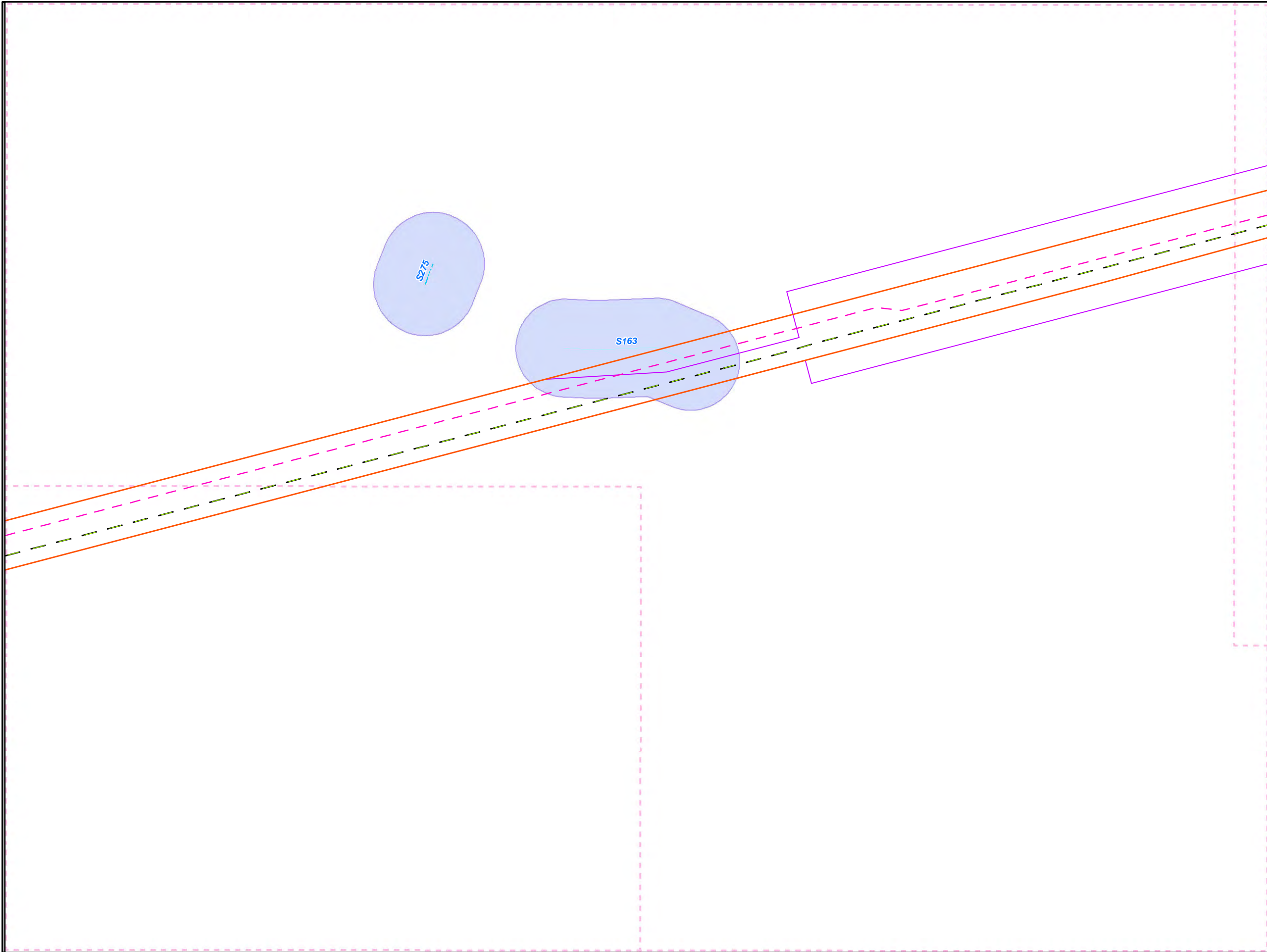


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 31 of 40**



















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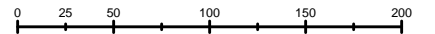
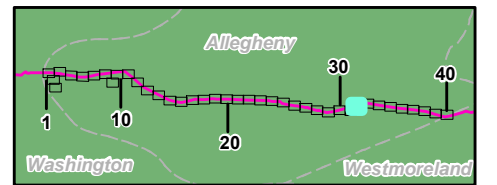
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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
Allegheny County, PA.
Sheet 32 of 40**

Prepared By:



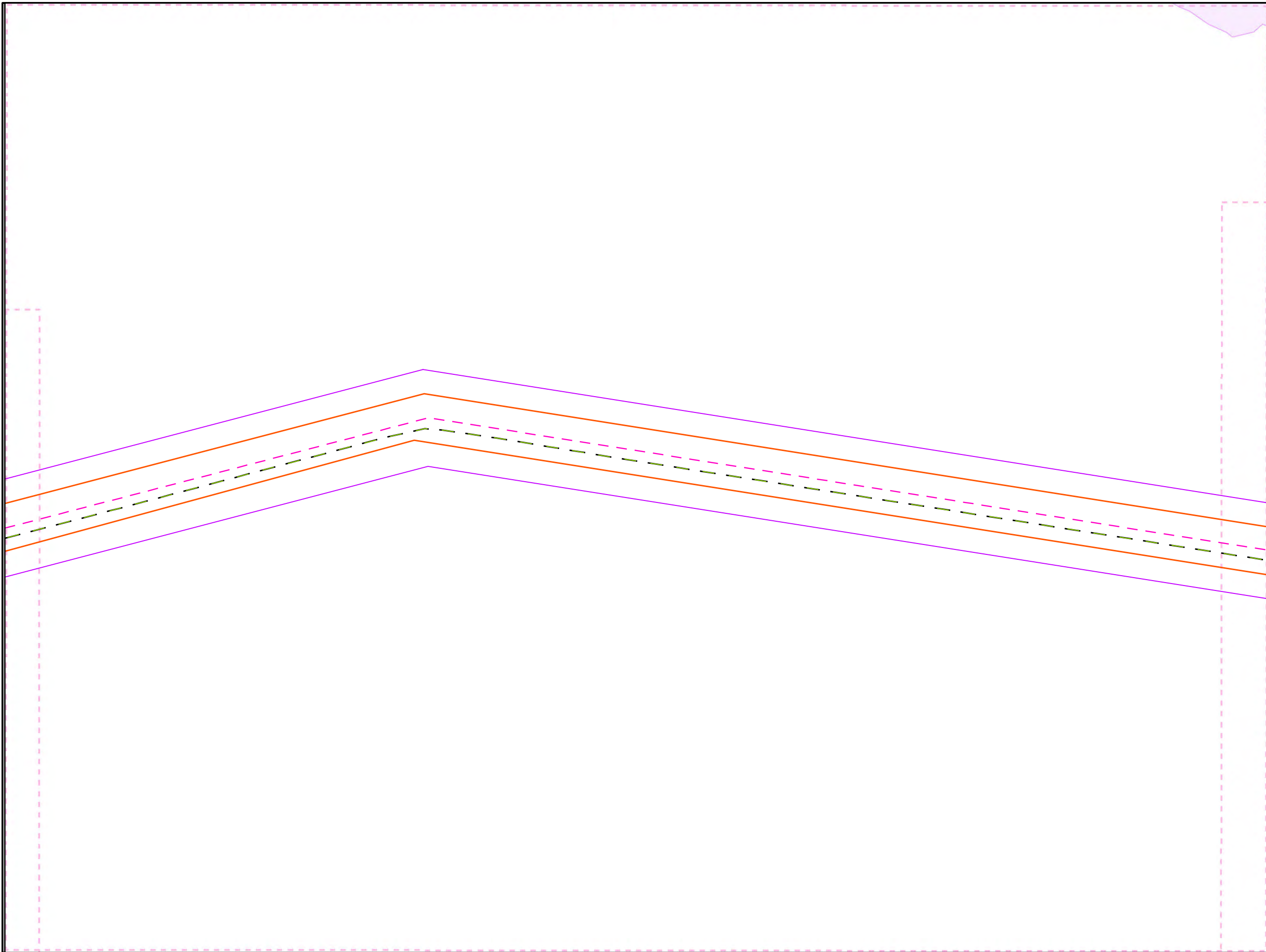
Date:

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.

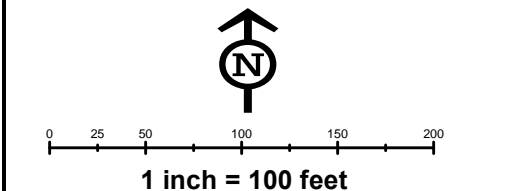
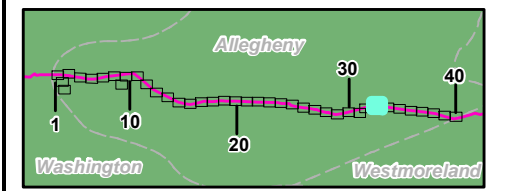
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Legend

- PPP 1
- PPP 2
- ME1 12" Centerline
- ME1 12" Permanent ROW
- PPP LOD
- 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

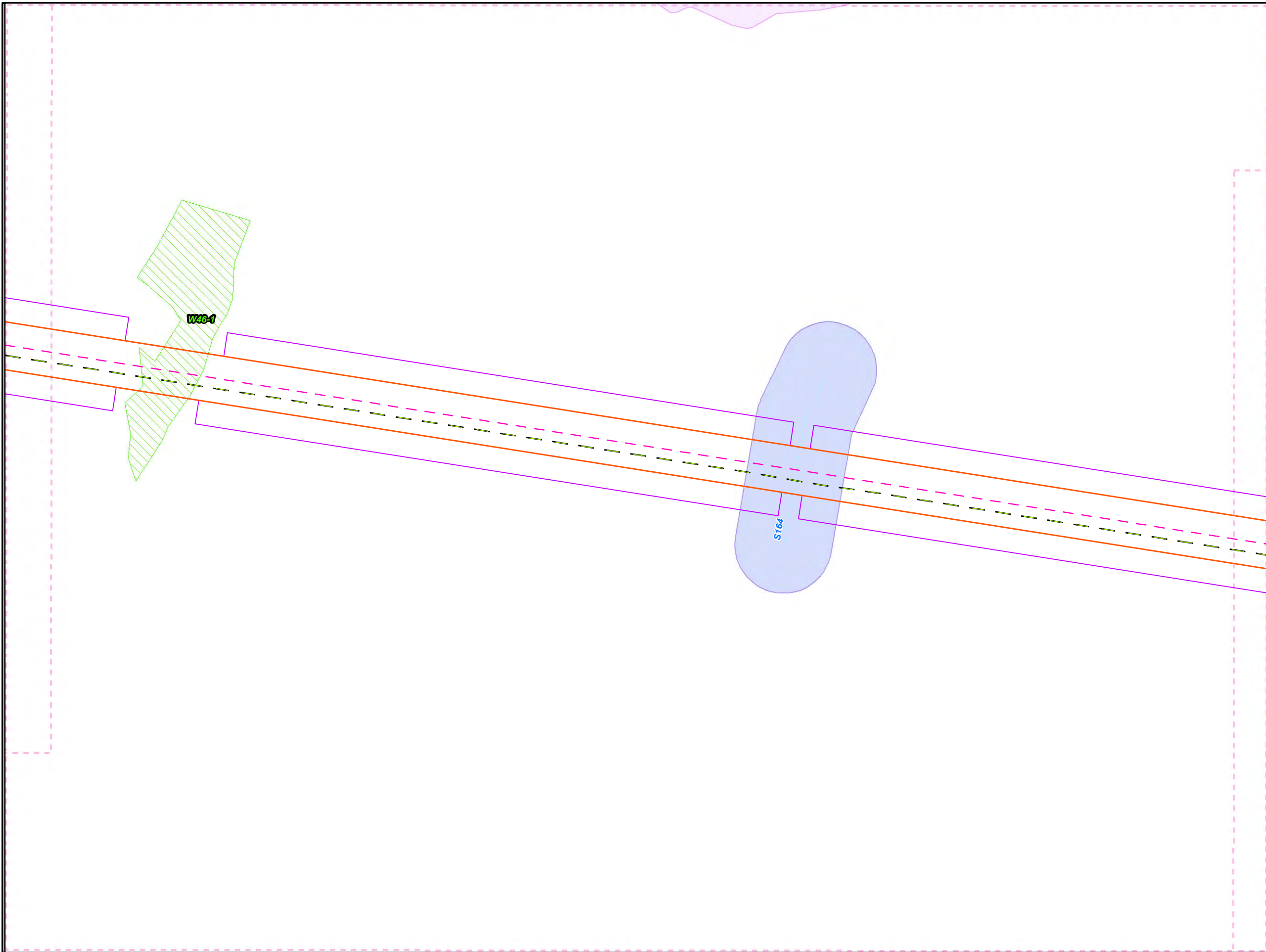


ME1 8" and 12" Overlap with the Proposed Pennsylvania Pipeline Allegheny County, PA. Sheet 33 of 40



















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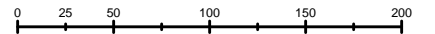
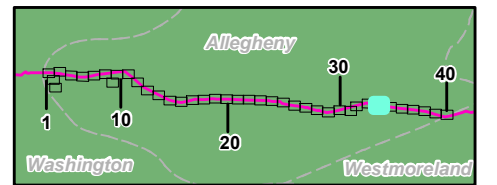
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  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
Allegheny County, PA.
Sheet 34 of 40**

Prepared By:



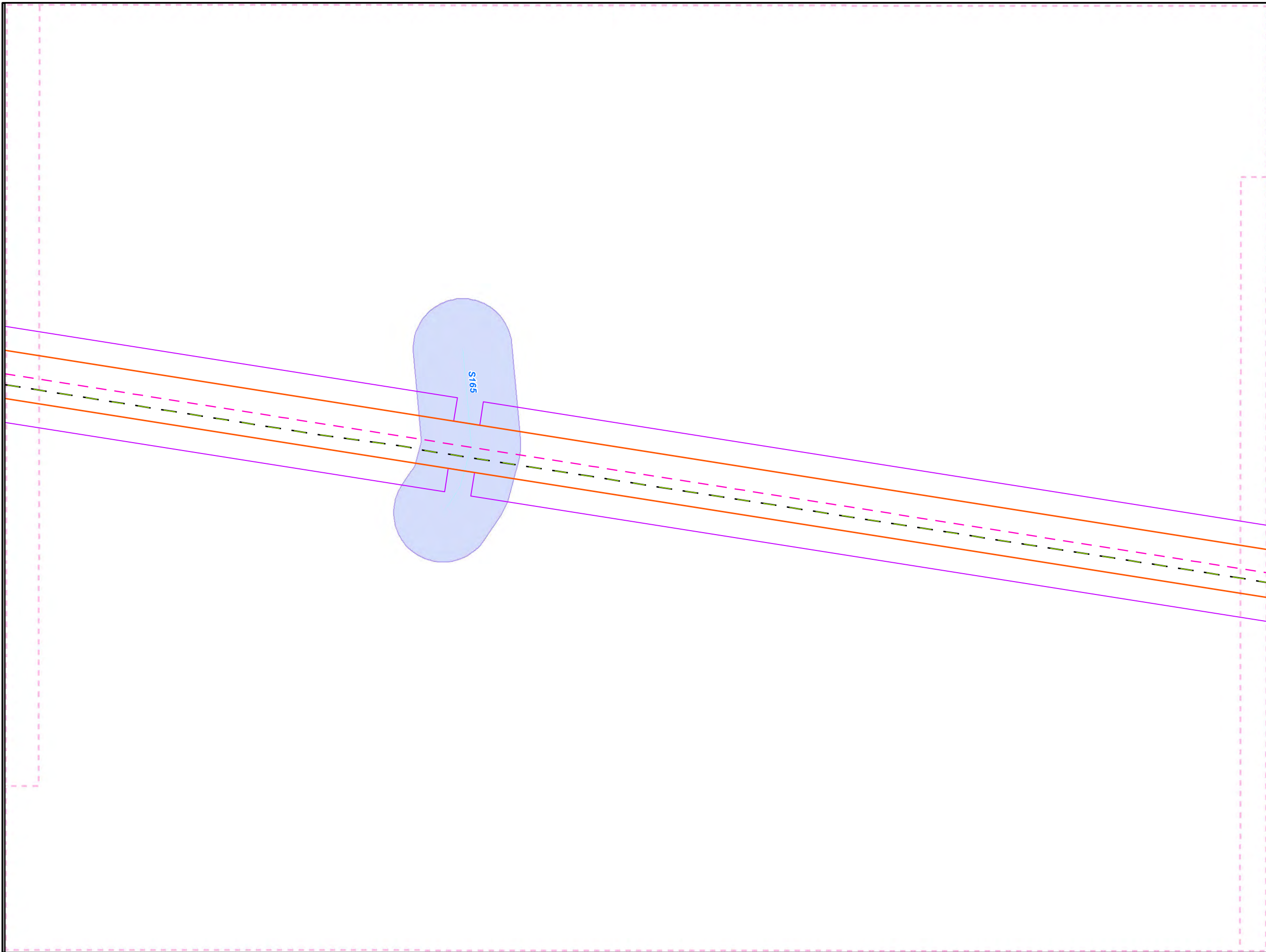
Date:

11/2016

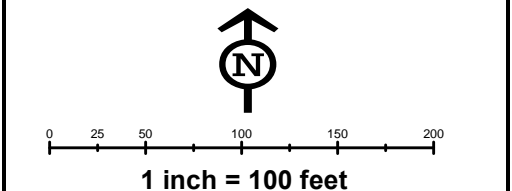
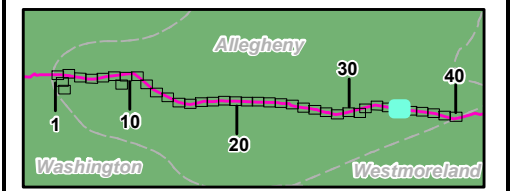
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.

Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
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 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

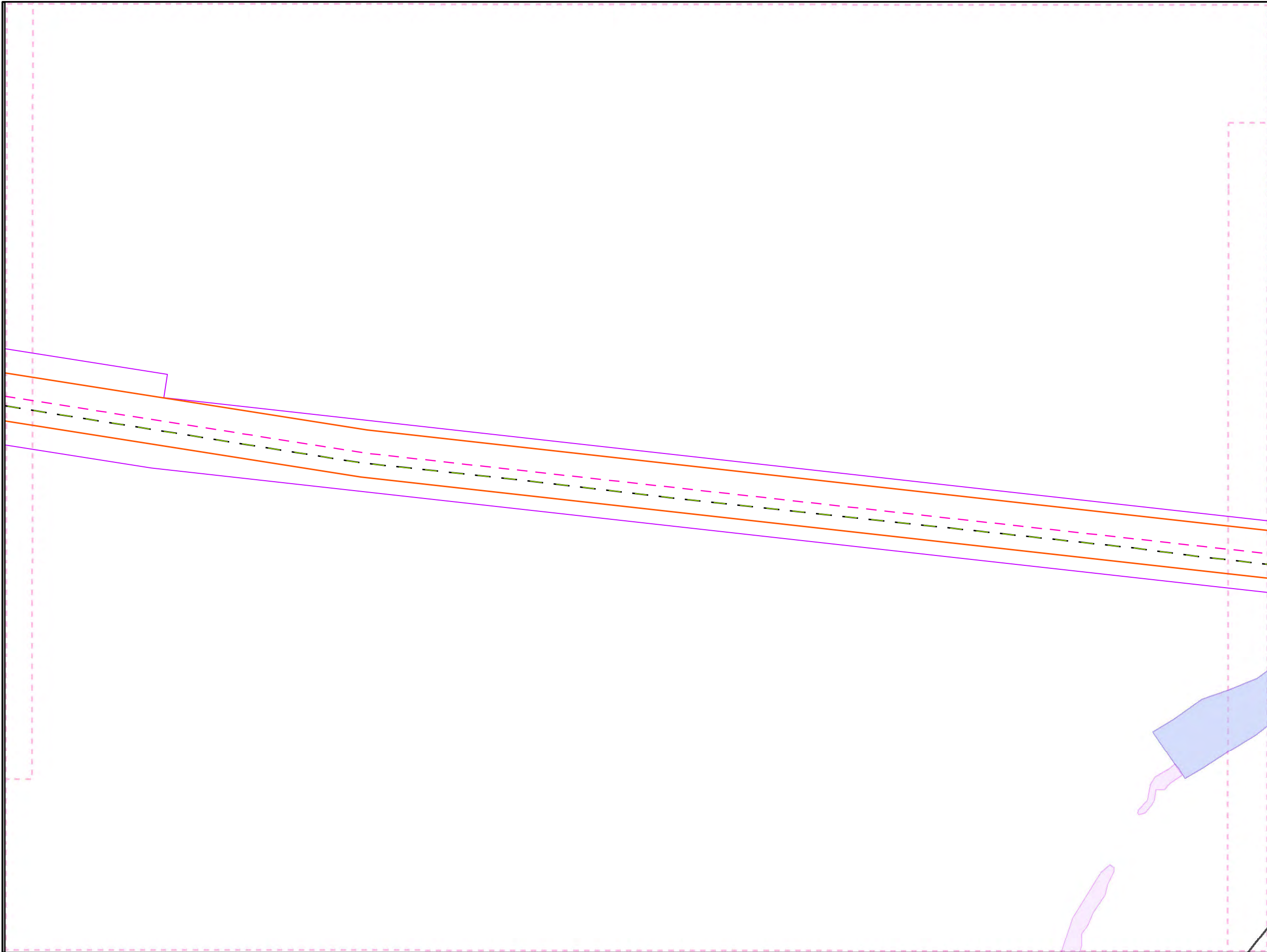


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 35 of 40**

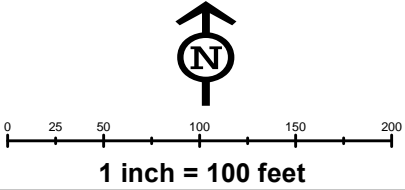
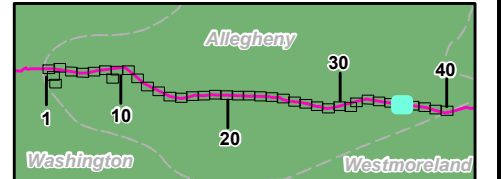
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

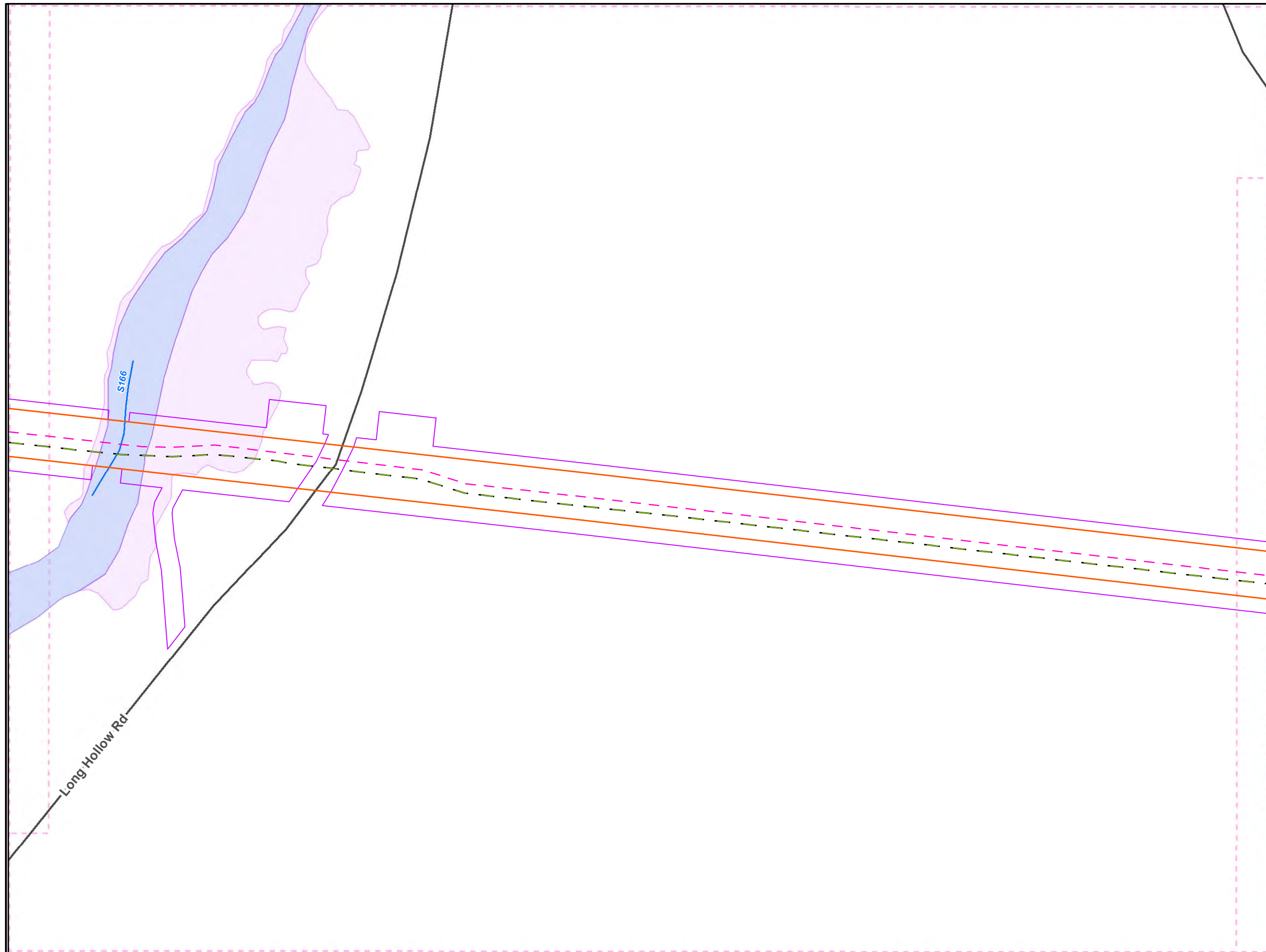


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 36 of 40**

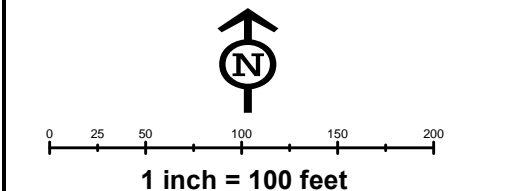
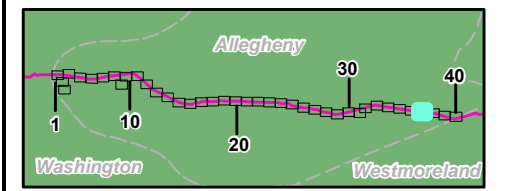
Prepared By: TETRA TECH	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - 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

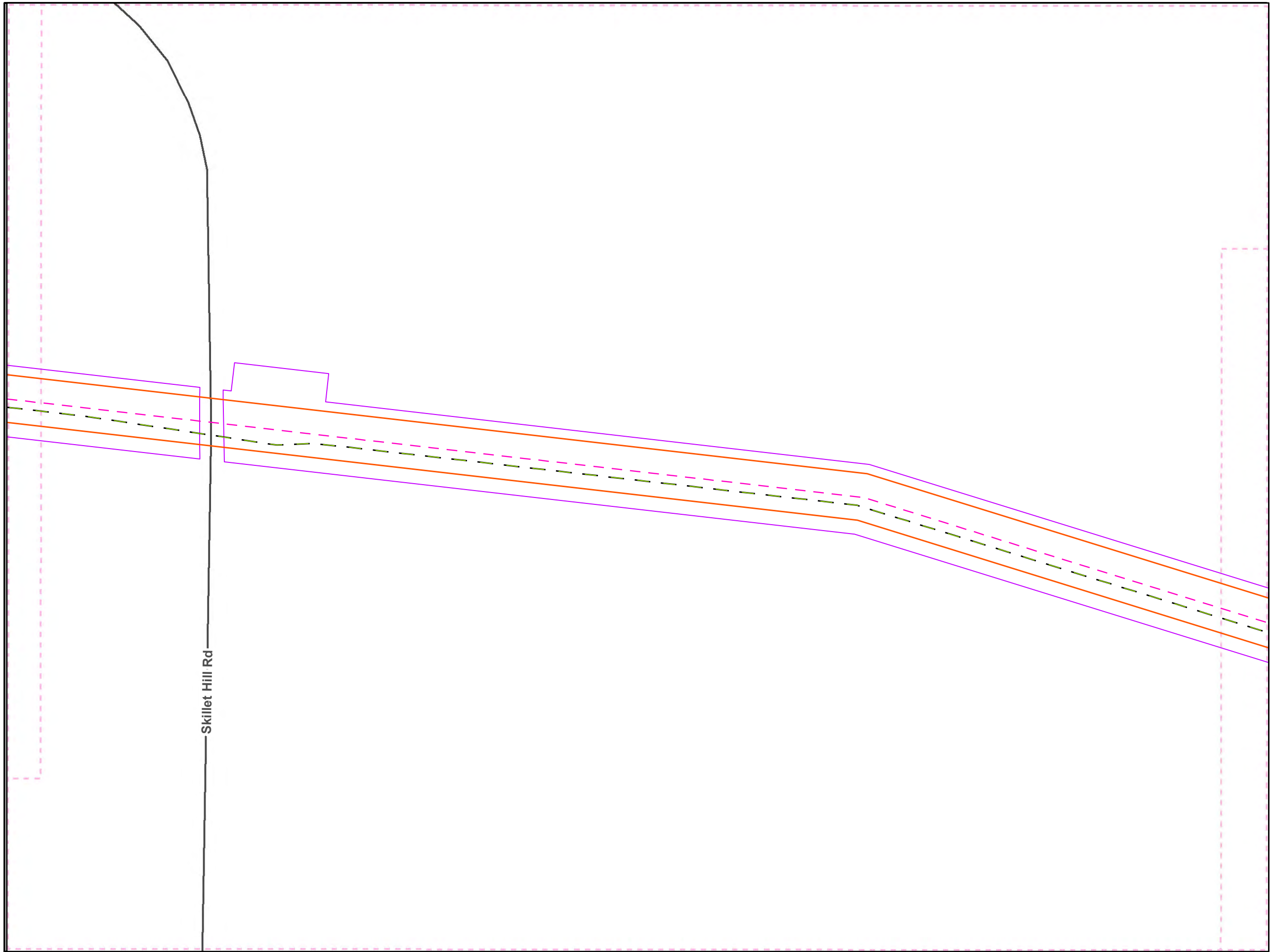


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 37 of 40**

Prepared By: TETRA TECH	Date: 11/2016
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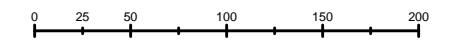
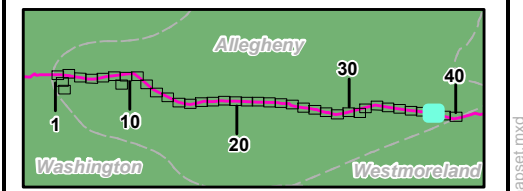
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Skillet Hill Rd

- Legend**
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 - PPP 2
 - ME1 12" Centerline
 - ME1 12" Permanent ROW
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 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
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 - PEM Wetland
 - PFO Wetland
 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary



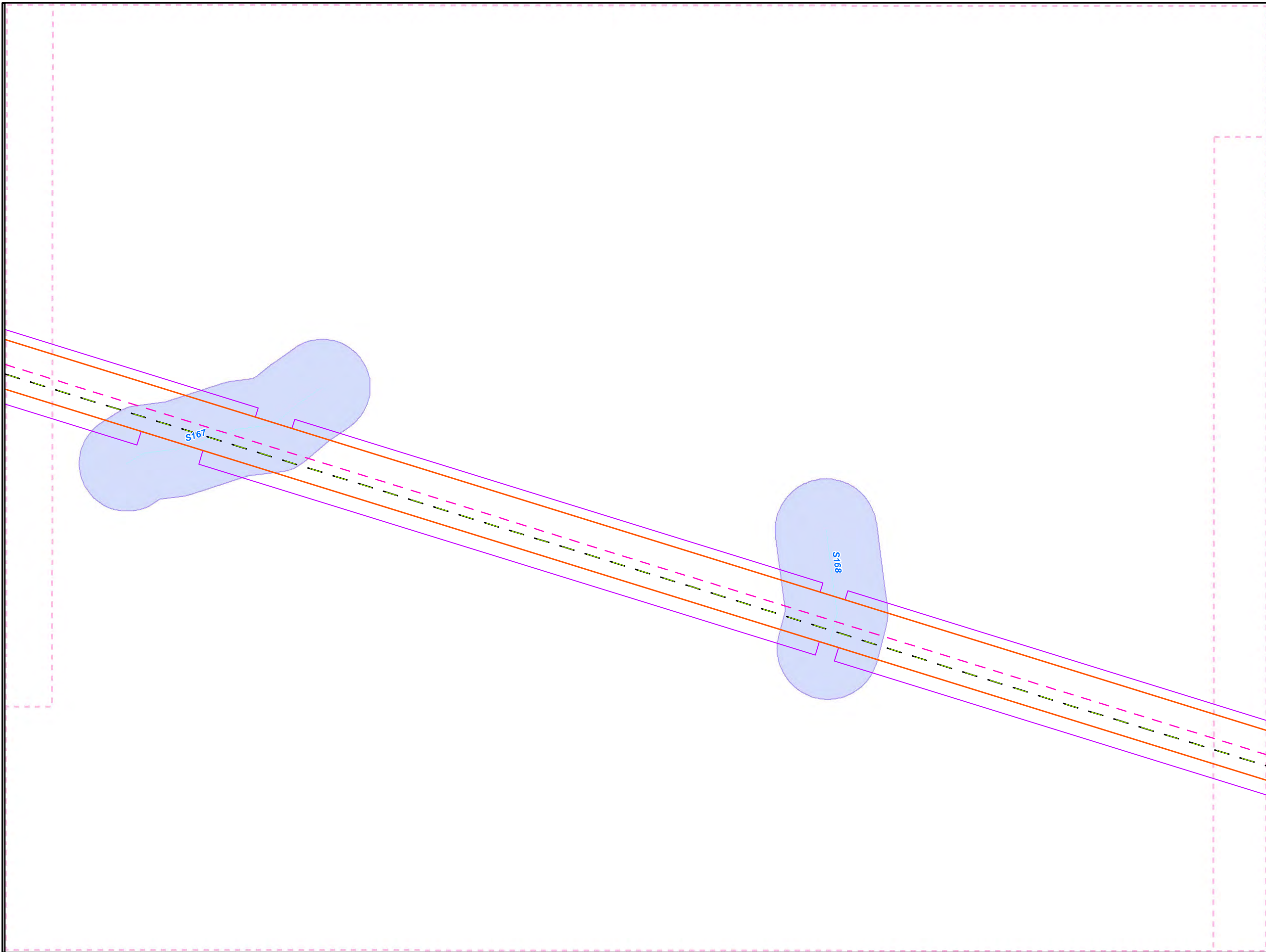
1 inch = 100 feet

**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 38 of 40**

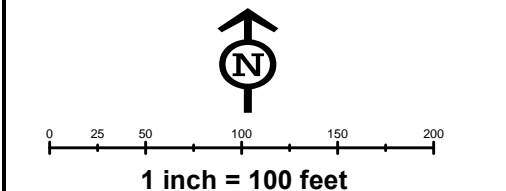
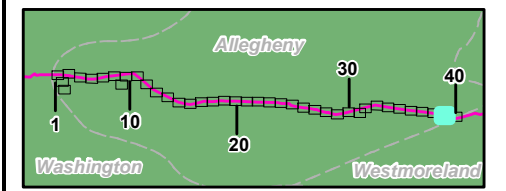
Prepared By: 	Date: 11/2016
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Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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- Legend**
- PPP 1
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 - ME1 12" Centerline
 - ME1 12" Permanent ROW
 - PPP LOD
 - Stations
 - Ephemeral Stream
 - Intermittent Stream
 - Perennial Stream
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 - PFO Wetland
 - PSS Wetland
 - Ch. 105 Floodways
 - Waived Ch. 105 Floodways
 - Ch. 106 Floodplain Fringe
 - Roads
 - Sheet Boundary

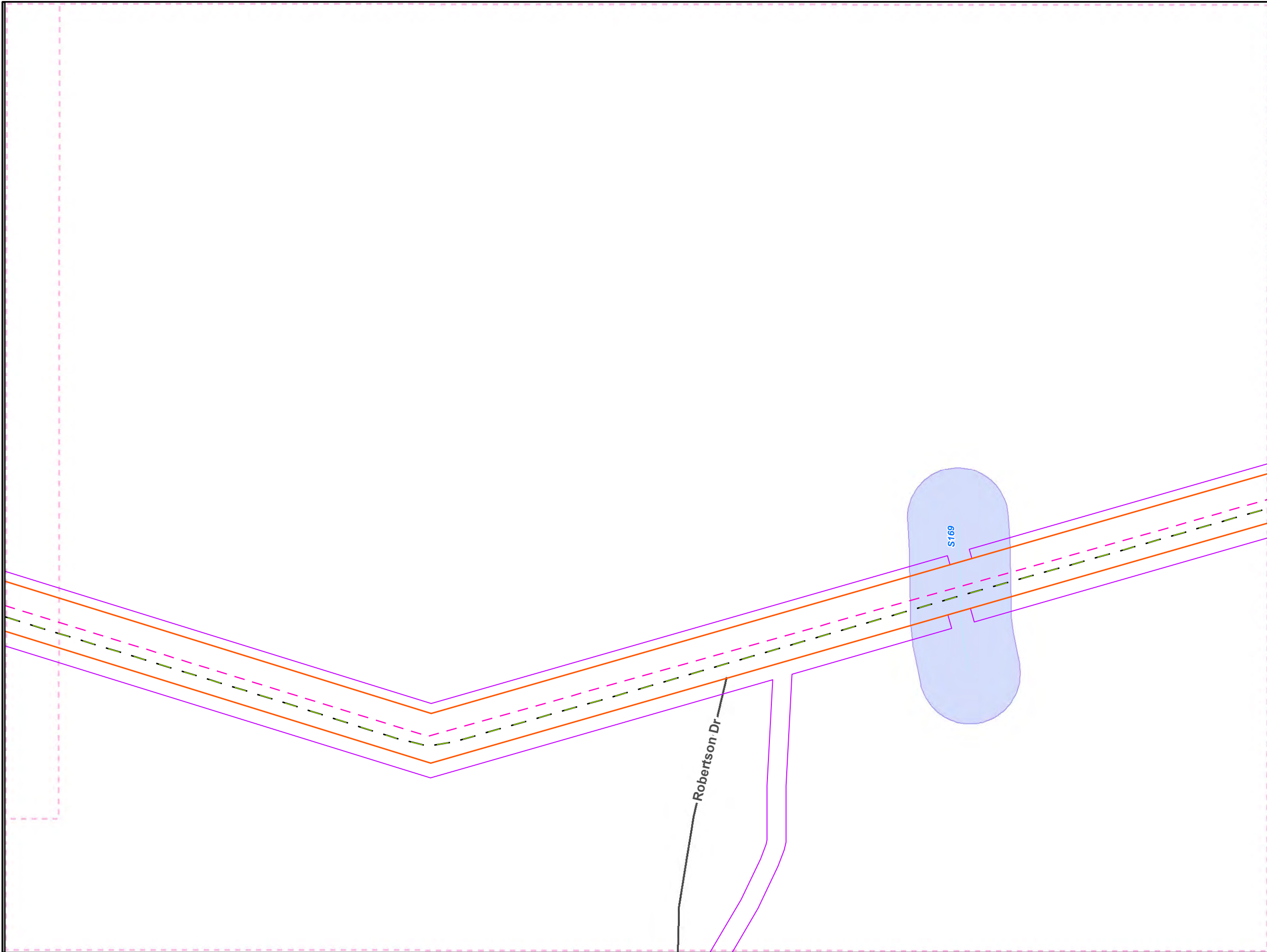


**ME1 8" and 12" Overlap with the
Proposed Pennsylvania Pipeline
Allegheny County, PA.
Sheet 39 of 40**



















Prepared By: TETRA TECH	Date: 11/2016
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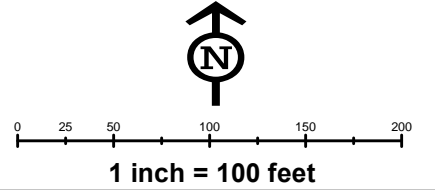
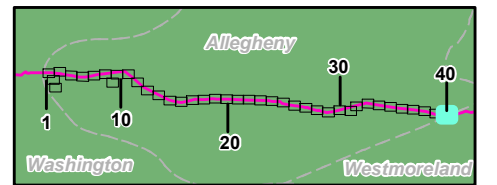
Base Map: ESRI ArcGIS Online, Roads from NRCS Geospatial Data Giveaway, 100-Year Floodplain from FEMA National Flood Hazard Layer, downloaded 09/2016.
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Legend

-  PPP 1
-  PPP 2
-  ME1 12" Centerline
-  ME1 12" Permanent ROW
-  PPP LOD
-  Stations
-  Ephemeral Stream
-  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
Allegheny County, PA.
Sheet 40 of 40**

Prepared By: 	Date: 11/2016
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