

SPLP has made revisions to the proposed workspaces in Perry County since submittal of the Chapter 105 and 102 Permit Applications in March 2016. These revisions have been the result of landowner requests, agency requests, the avoidance of sensitive species or their habitats, and/or to further reduce impacts to aquatic resources. The additions and subtractions to the workspaces are listed and quantified within Table 1. In addition, this attachment highlights the location and extent of these additions and subtractions to the workspaces on a set of site plans. Each addition/subtraction has been assigned an identification code and that code is reflected below and on the set of site plans. The additions and subtractions are listed from west to east. A total of approximately 2.9951 acres was added and 5.3661 acres subtracted for a net decrease of 2.371 acres of earth disturbance.

**Table 1. Pennsylvania Pipeline Project LOD Additions and Subtractions.**

CHANGE ID	COUNTY	REASON FOR CHANGE	ACREAGE	LOD ADDITION OR SUBTRACTION	WETLAND DELINEATION <sup>1</sup>	PNDI EVALUATION <sup>2</sup>	SHEET NUMBER
Sub-64	PERRY	Temporary workspace reduction	0.0972	Subtraction	NA	NA	4
Sub-65	PERRY	Temporary workspace reduction to minimize waterbody impacts	0.7018	Subtraction	NA	NA	8
Add-47	PERRY	Doylesburg Station LOD design change	0.1295	Addition	Yes	Yes	13
Sub-66	PERRY	Permanent ROW adjustment to minimize wetland impact	0.0338	Subtraction	NA	NA	16
Sub-67	PERRY	Permanent ROW adjustment to minimize aquatic resource impacts	0.3182	Subtraction	NA	NA	14
Sub-68	PERRY	Temporary workspace reduction	0.1407	Subtraction	NA	NA	15
Sub-69	PERRY	Temporary workspace reduction	1.2711	Subtraction	NA	NA	19
Sub-70	PERRY	Permanent ROW adjustment to minimize wetland impact	0.0035	Subtraction	NA	NA	22
Sub-71	PERRY	Temporary workspace reduction	0.0164	Subtraction	NA	NA	28

<b>CHANGE ID</b>	<b>COUNTY</b>	<b>REASON FOR CHANGE</b>	<b>ACREAGE</b>	<b>LOD ADDITION OR SUBTRACTION</b>	<b>WETLAND DELINEATION<sup>1</sup></b>	<b>PNDI EVALUATION<sup>2</sup></b>	<b>SHEET NUMBER</b>
Sub-72	PERRY	Permanent ROW adjustment to minimize waterbody impact	0.0202	Subtraction	NA	NA	28
Sub-73	PERRY	Temporary workspace reduction	0.0101	Subtraction	NA	NA	28
Add-48	PERRY	Temporary access road using existing road to facilitate safe installation	2.2572	Addition	Yes	Yes	29
Sub-74	PERRY	Permanent ROW adjustment to minimize waterbody impact	0.0224	Subtraction	NA	NA	30
Sub-75	PERRY	Temporary workspace reduction	1.1319	Subtraction	NA	NA	31
Sub-76	PERRY	Temporary workspace reduction	0.1625	Subtraction	NA	NA	34
Sub-77	PERRY	Temporary workspace reduction to minimize waterbody impact	0.017	Subtraction	NA	NA	39
Sub-78	PERRY	Temporary workspace reduction to minimize aquatic resource impacts	0.6316	Subtraction	NA	NA	39
Add-49	PERRY	Minor LOD adjustment needed to facilitate safe installation	0.0917	Addition	Yes	Yes	40
Add-50	PERRY	Minor LOD adjustment needed to facilitate safe installation	0.4805	Addition	Yes	Yes	40
Add-51	PERRY	Minor LOD adjustment needed to facilitate safe installation	0.0362	Addition	Yes	Yes	43
Sub-79	PERRY	Temporary workspace reduction	0.7877	Subtraction	NA	NA	42

1 – The added area was field investigated for aquatic resources. Not applicable is listed for LOD subtractions.

2 – The added area was originally evaluated for PNDI. Not applicable is listed for LOD subtractions.



**Legend**

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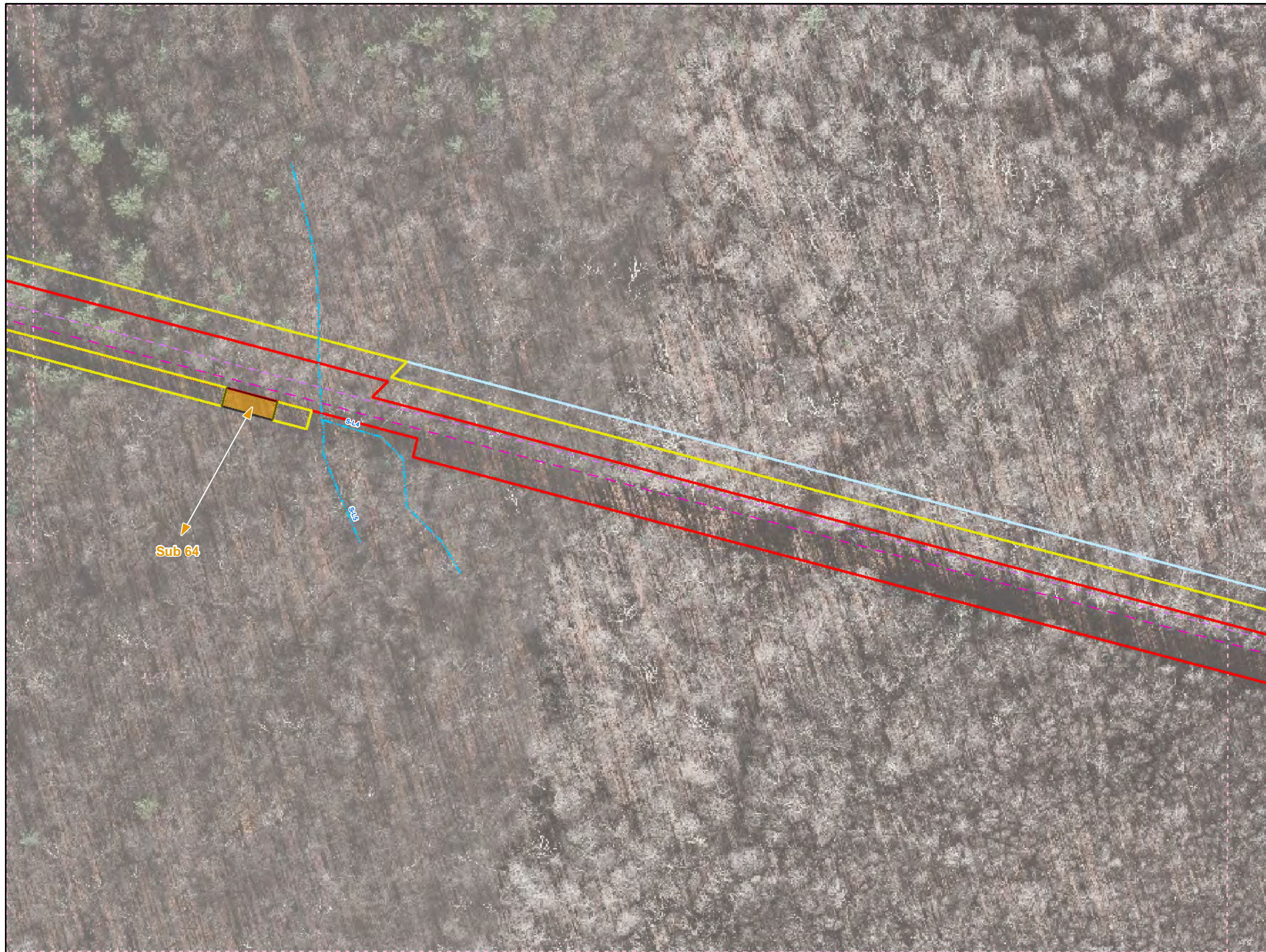
**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
4 of 44

Prepared By: 	Date: <b>10/2016</b>
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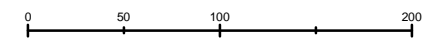
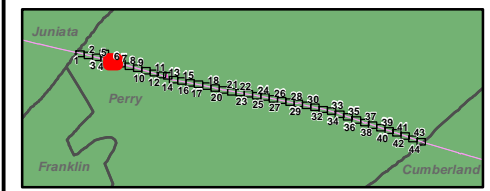
Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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Sub 64



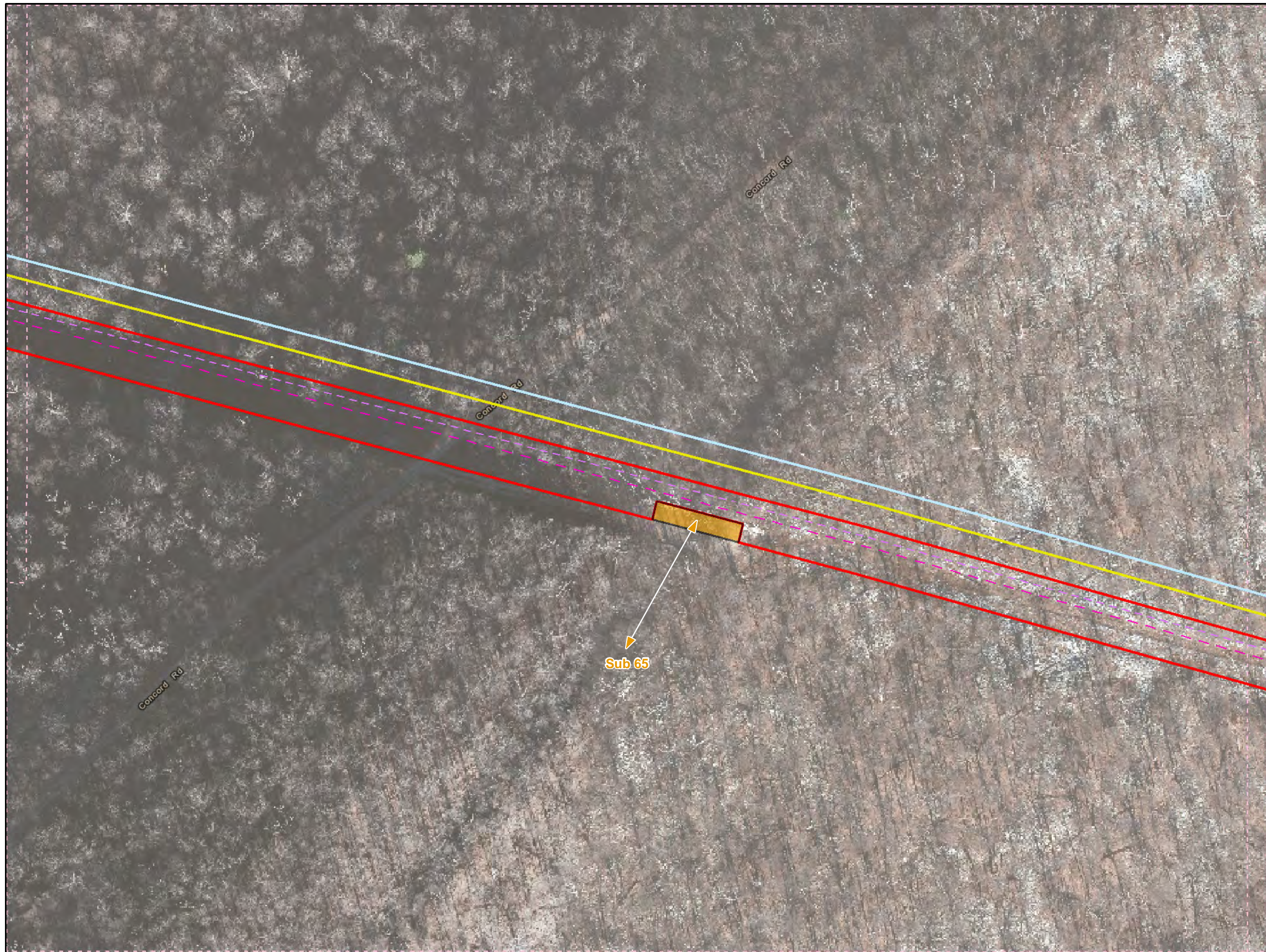
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8 of 44**

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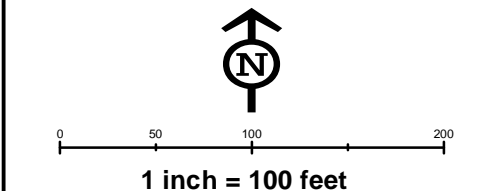
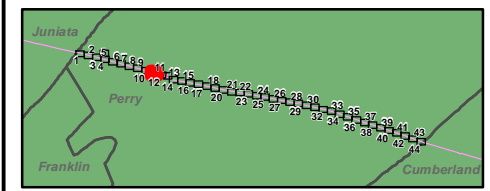
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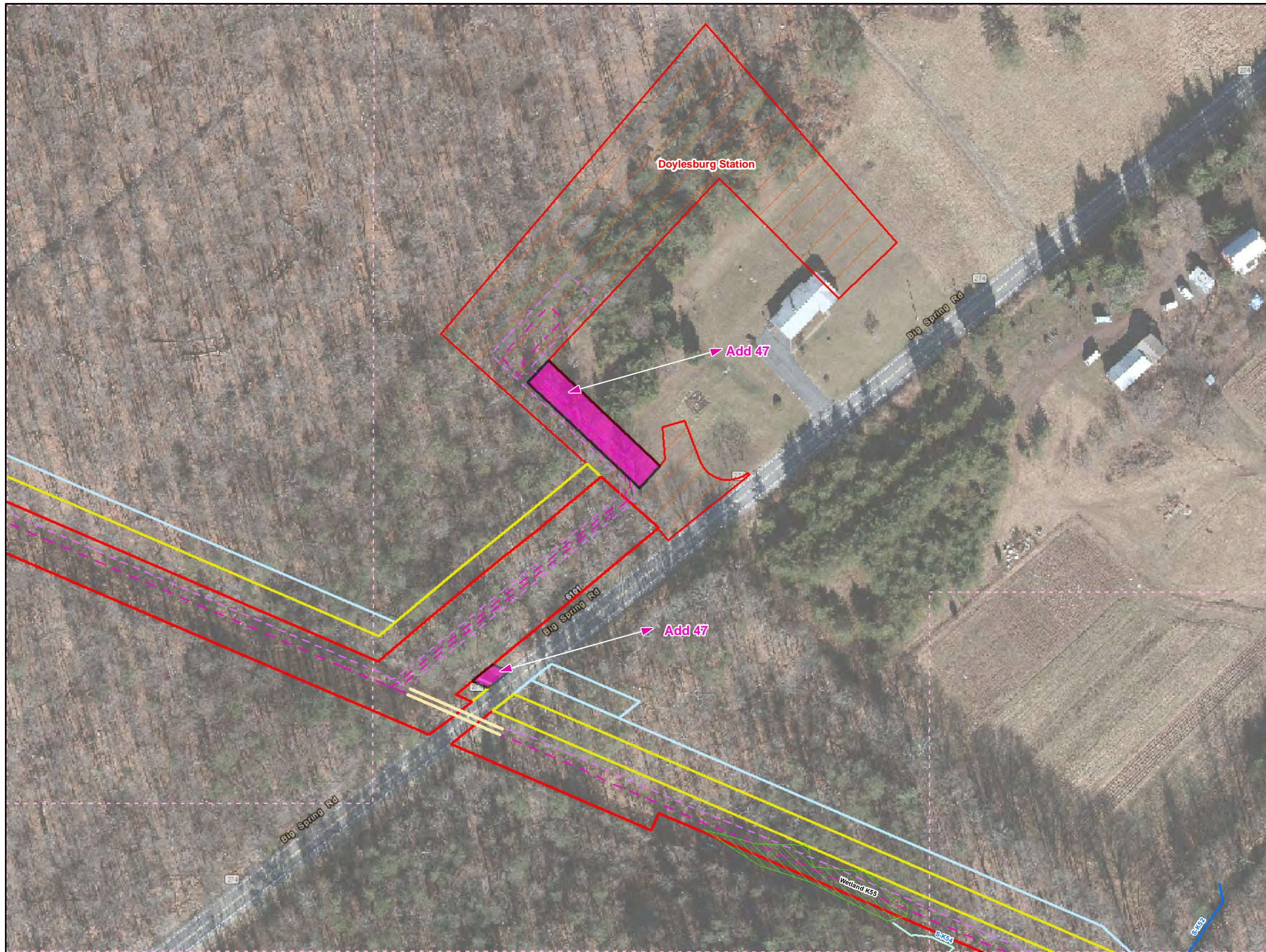


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Prepared By:	Date:
	10/2016

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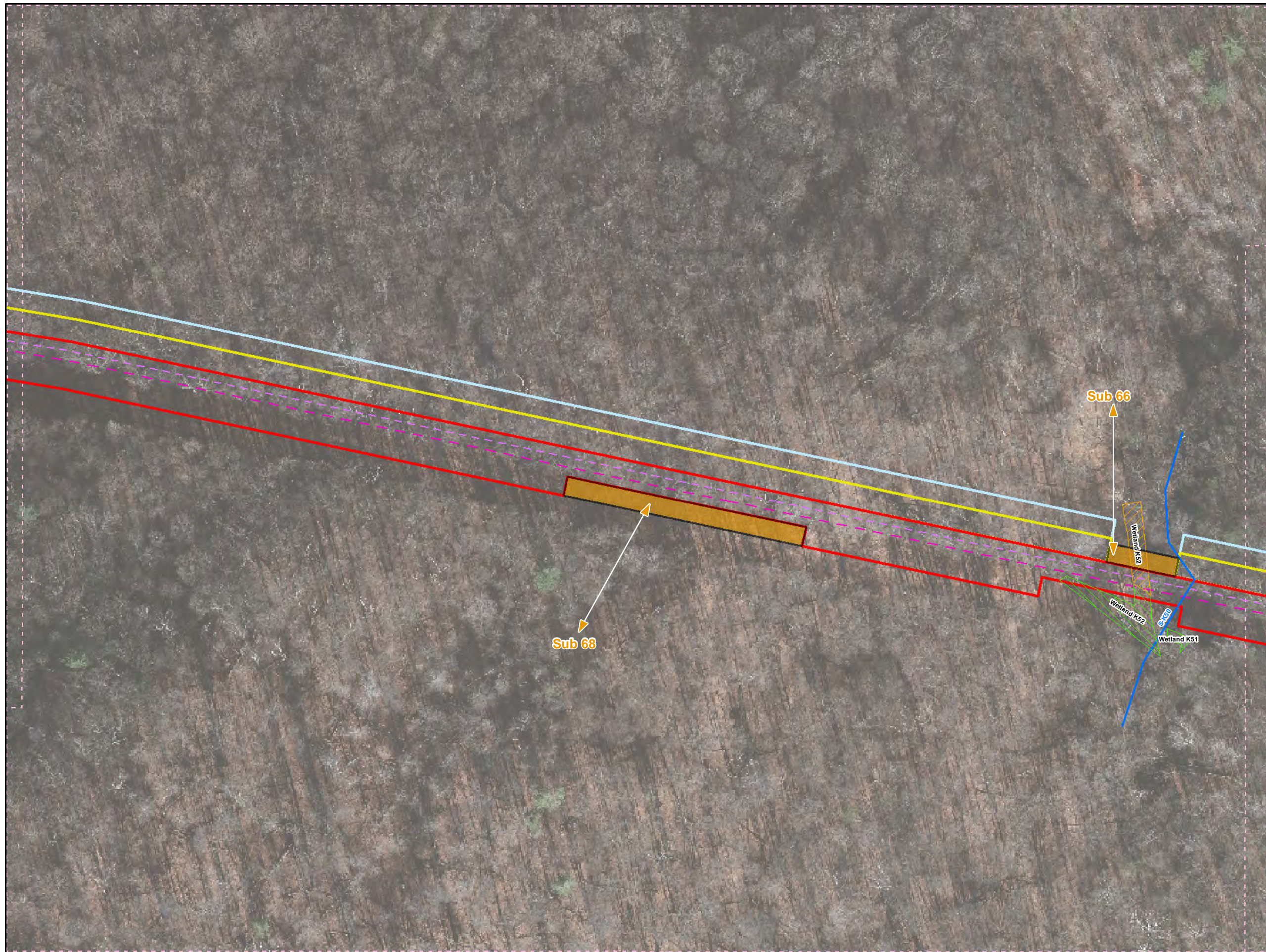
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15 of 44

Prepared By: 	Date: <b>10/2016</b>
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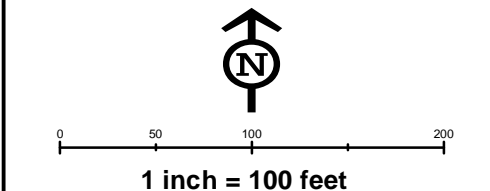
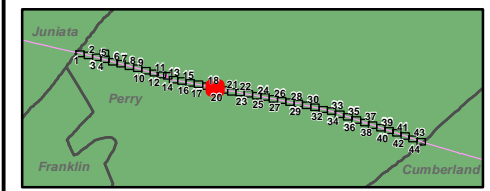
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<b>Prepared By:</b> 	<b>Date:</b> <b>10/2016</b>
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Base Map: Sunoco, 2013-2016  
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Prepared By: 	Date: <b>10/2016</b>
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<b>Prepared By:</b> 	<b>Date:</b> <b>10/2016</b>
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0 50 100 200  
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Prepared By:	Date:
	10/2016

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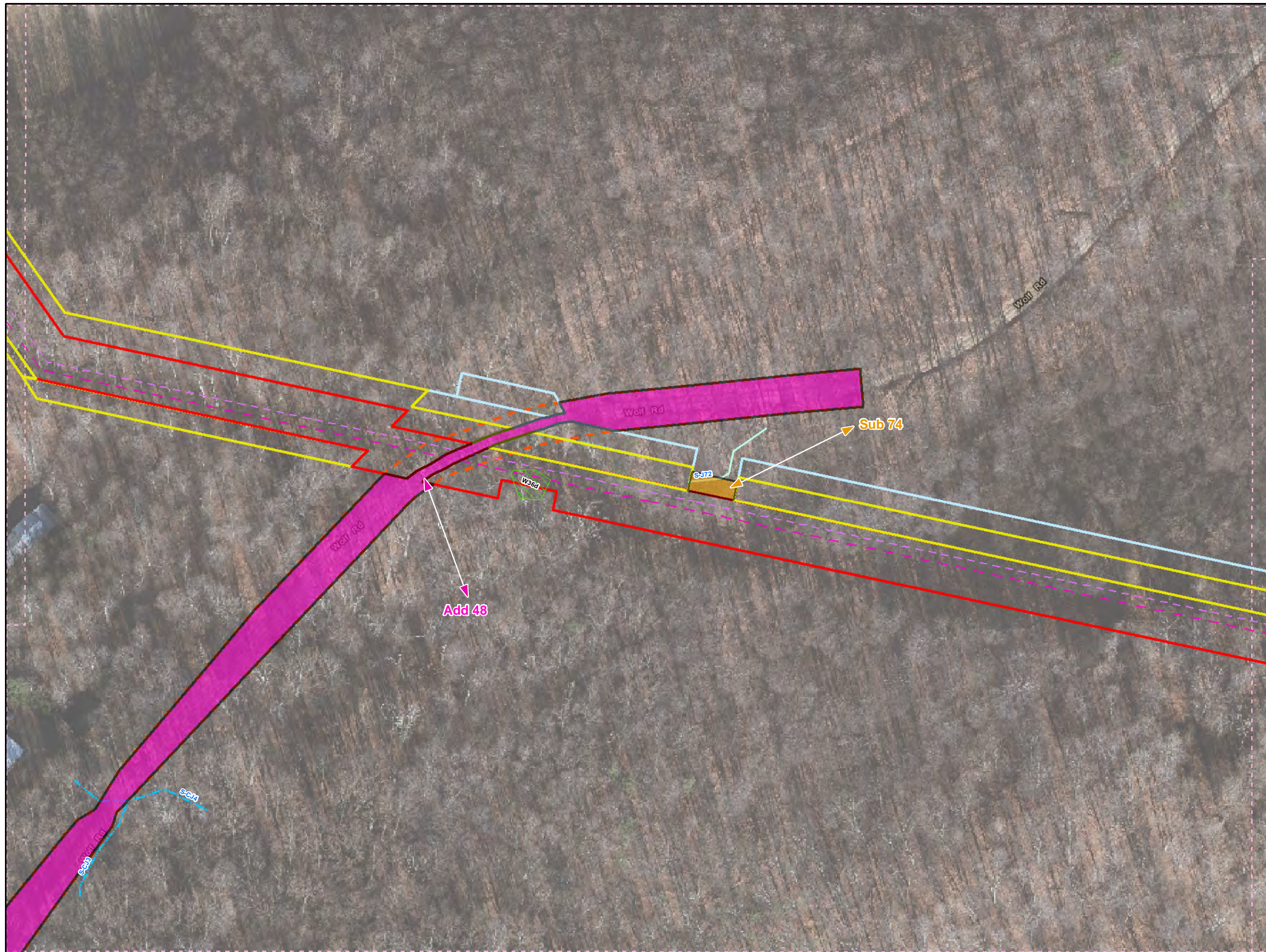
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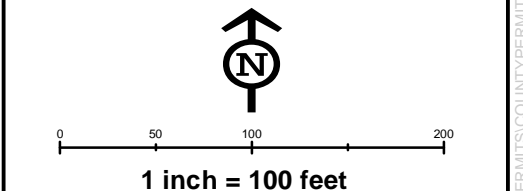
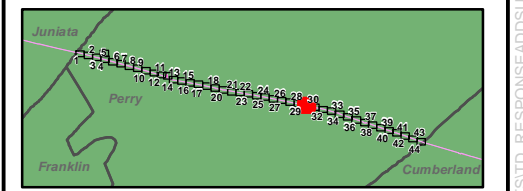
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30 of 44**

Prepared By: <b>TETRA TECH</b>	Date: <b>10/2016</b>
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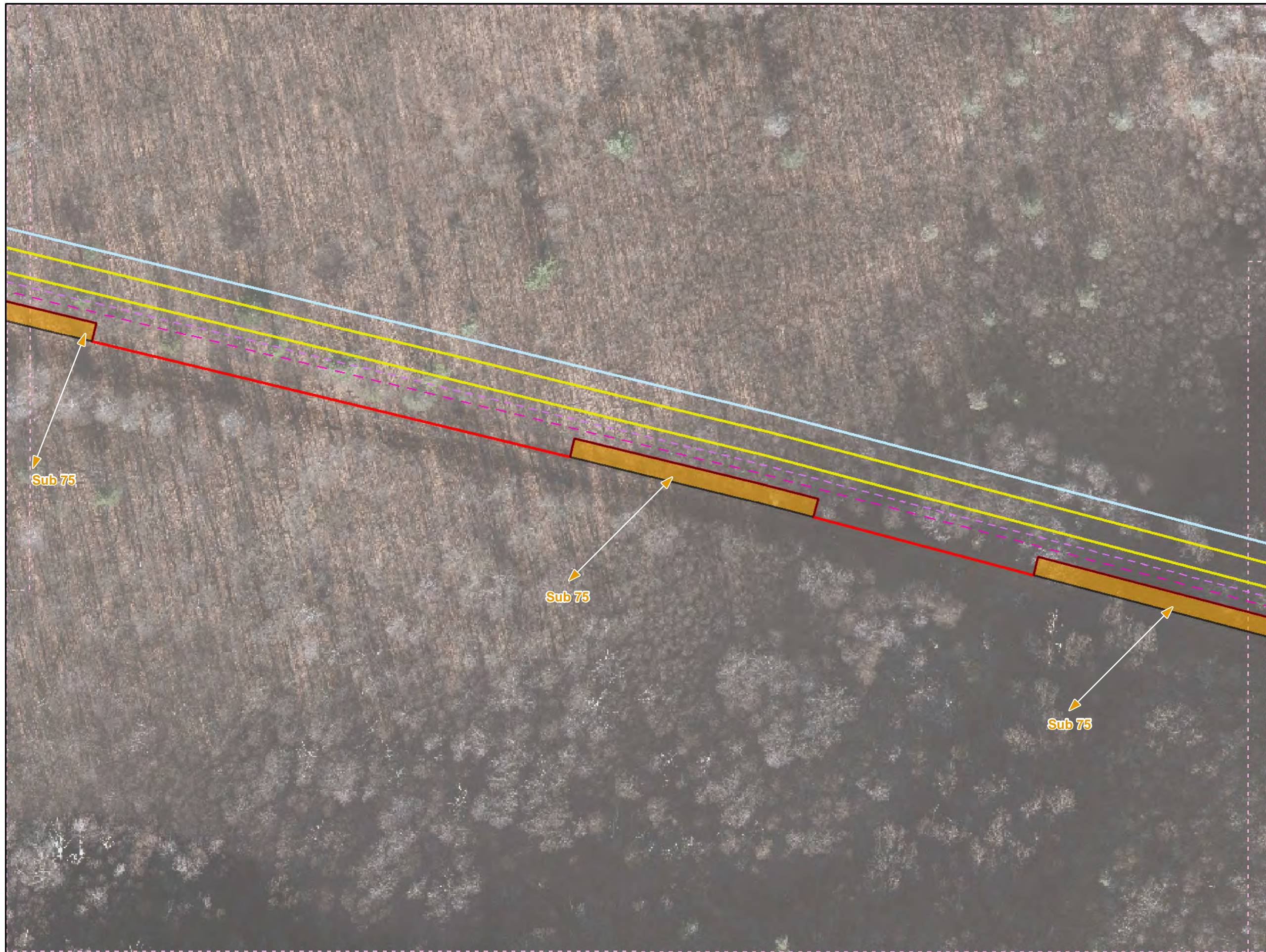
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**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
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Prepared By:	Date:
	10/2016

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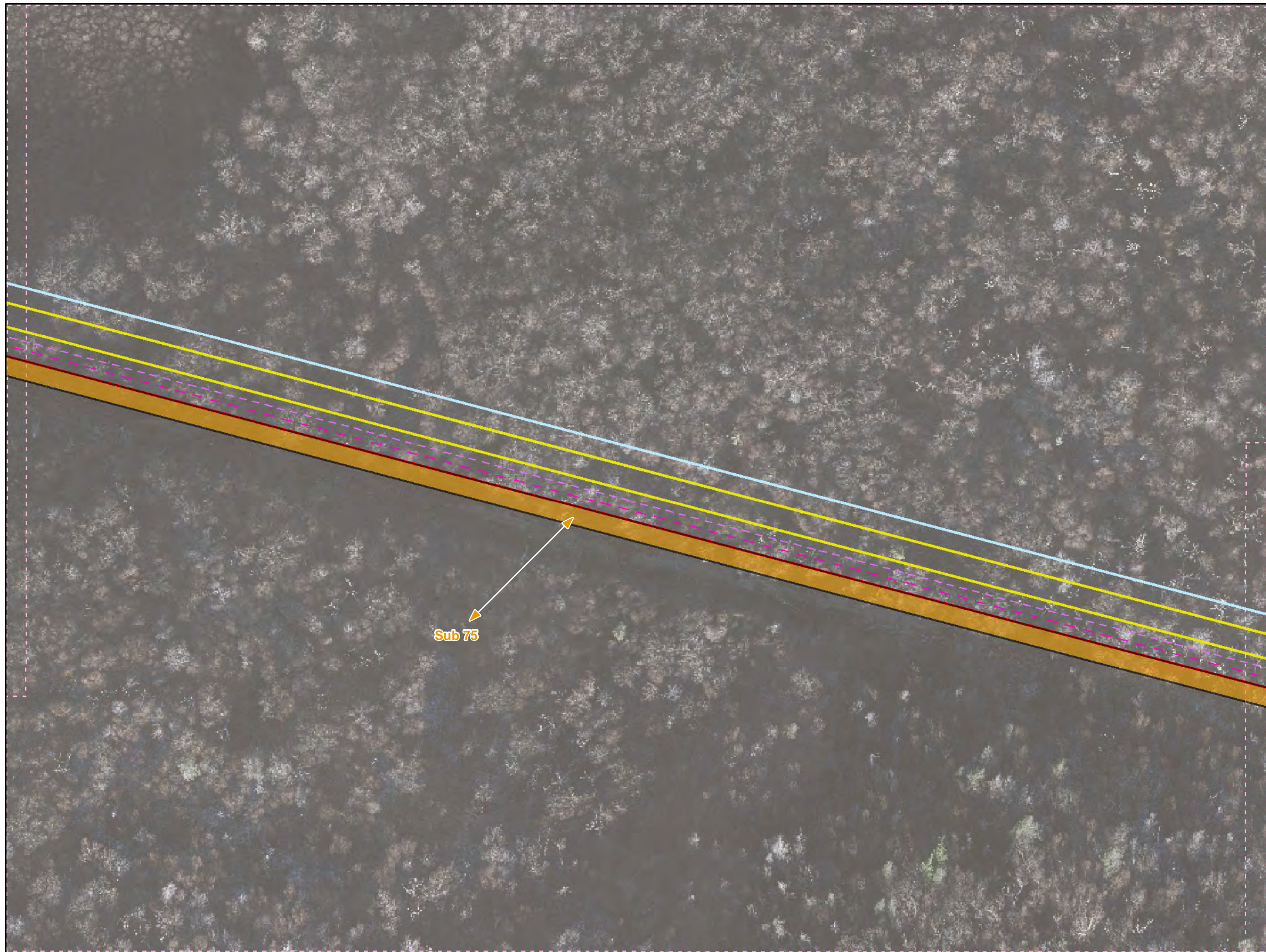
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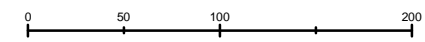
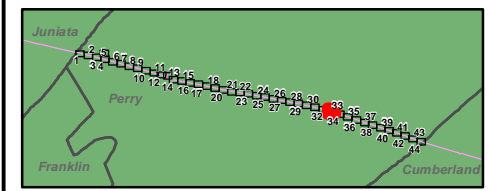
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  - PSS

Sub 75



1 inch = 100 feet

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
33 of 44

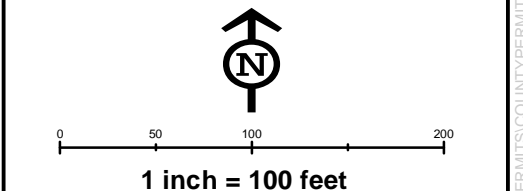
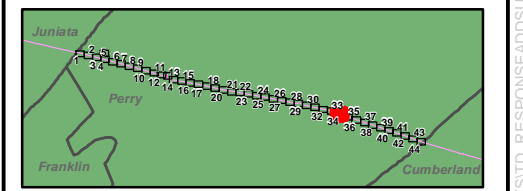
<b>Prepared By:</b> 	<b>Date:</b> <b>10/2016</b>
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Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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- Legend**
- Added Workspace
  - Removed Workspace
  - Proposed 20-inch Pipeline
  - Proposed 16-inch Pipeline
  - Bore Path
  - PPP 1 HDD
  - PPP 2 HDD
  - Permanent ROW
  - Temporary Workspace
  - Additional Temporary Workspace or ATWS
  - Block Valve Setting LOD
  - Permanent Access Road
  - Temporary Access Road
  - Travel LOD
  - Travel and Clearing LOD
  - Station
  - Ephemeral Stream
  - Intermittent Stream
  - Perennial Stream
  - Pond
  - PEM
  - PFO
  - PSS



**Workspace Changes for the Sunoco  
Pennsylvania Pipeline Project,  
Perry County, PA.  
34 of 44**

Prepared By:	Date:
	10/2016

Base Map: Sunoco, 2013-2016  
Roads: ESRI World Imagery Transportation  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
39 of 44

Prepared By:	Date:
	10/2016

Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- + Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
40 of 44

Prepared By:	Date:
	10/2016

Base Map: Sunoco, 2013-2016  
Roads: ESRI World Imagery Transportation  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
41 of 44

Prepared By: 	Date: <b>10/2016</b>
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Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

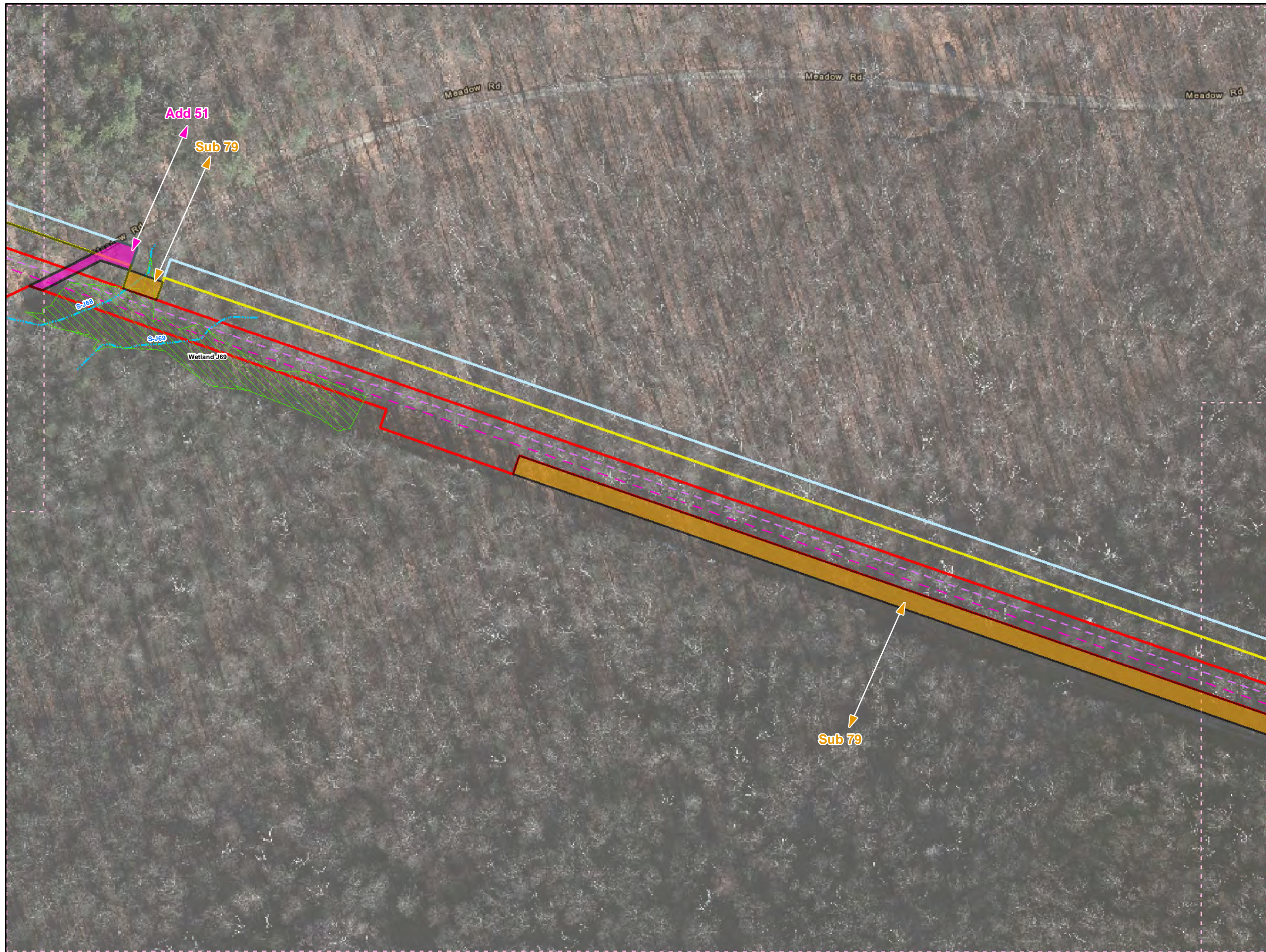
0 50 100 200  
**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
42 of 44

Prepared By:	Date:
	10/2016

Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

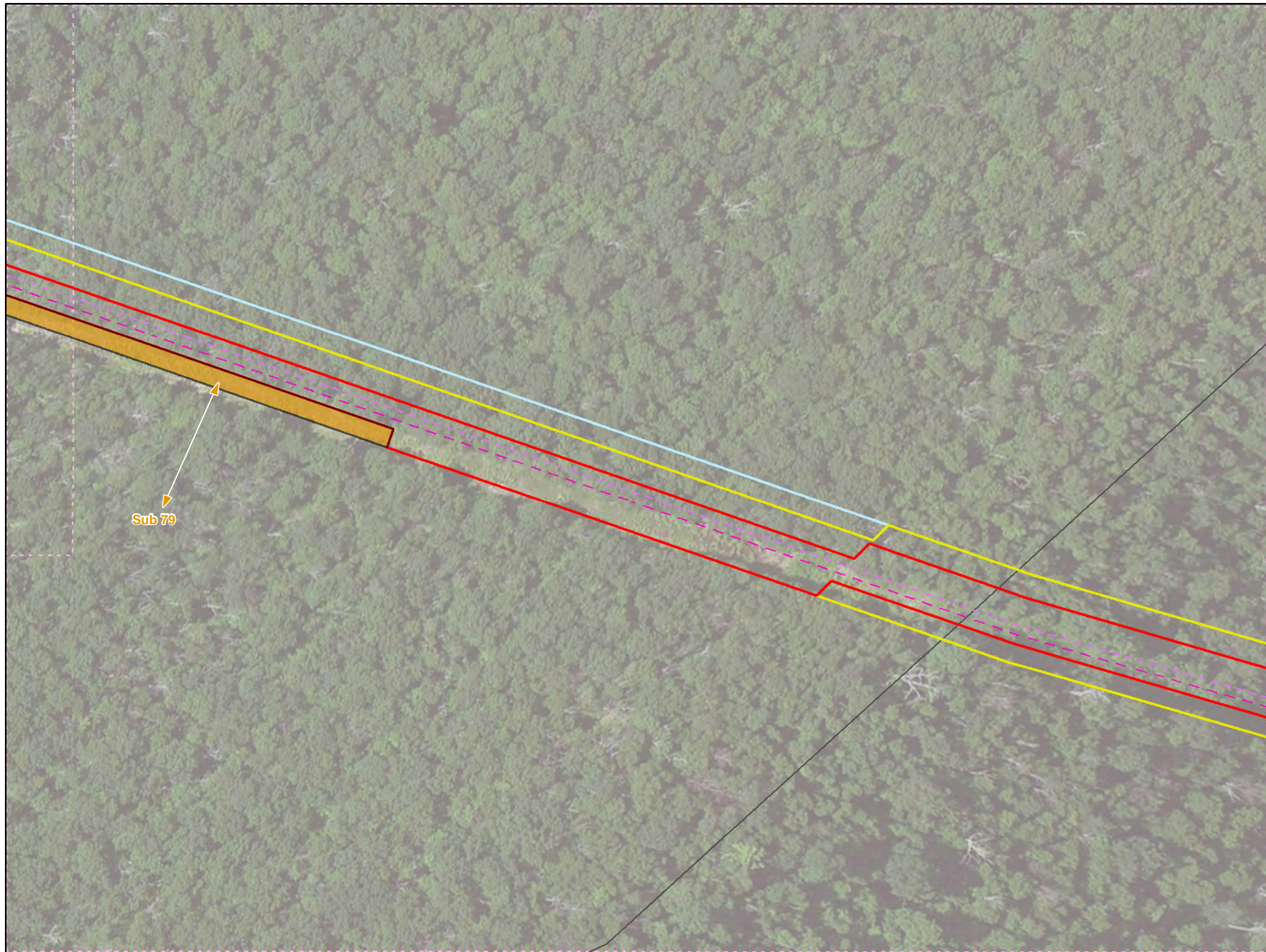
**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
43 of 44

Prepared By:	Date:
	10/2016

Base Map: Sunoco, 2013-2016  
Roads: ESRI World Imagery Transportation  
Coordinate System: NAD 83 Stateplane, PA South, Feet

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Sub 79

**Legend**

- Added Workspace
- Removed Workspace
- Proposed 20-inch Pipeline
- Proposed 16-inch Pipeline
- Bore Path
- PPP 1 HDD
- PPP 2 HDD
- Permanent ROW
- Temporary Workspace
- Additional Temporary Workspace or ATWS
- Block Valve Setting LOD
- Permanent Access Road
- Temporary Access Road
- Travel LOD
- Travel and Clearing LOD
- Station
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Pond
- PEM
- PFO
- PSS

0 50 100 200

**1 inch = 100 feet**

**Workspace Changes for the Sunoco Pennsylvania Pipeline Project, Perry County, PA.**  
44 of 44

<b>Prepared By:</b> 	<b>Date:</b> <b>10/2016</b>
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Base Map: Sunoco, 2013-2016  
 Roads: ESRI World Imagery Transportation  
 Coordinate System: NAD 83 Stateplane, PA South, Feet

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