

Figures F-3A to F-3G
Wetlands, Surface Water Resources, and Floodplains

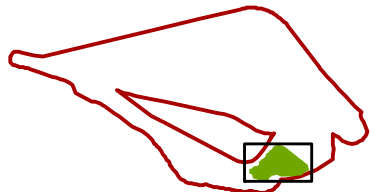
**Figure F-3A - No Build Alternative
Wetlands, Surface Water Resources, and Floodplains**

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N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 1	F-3A
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - NO BUILD ALTERNATIVE			



- Study Area Boundary
- Mile Post
- Existing Roadway Centerlines (EB & WB)
- Existing Legal Right-of-Way
- Cut/Fill Boundary

- Floodplain
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream

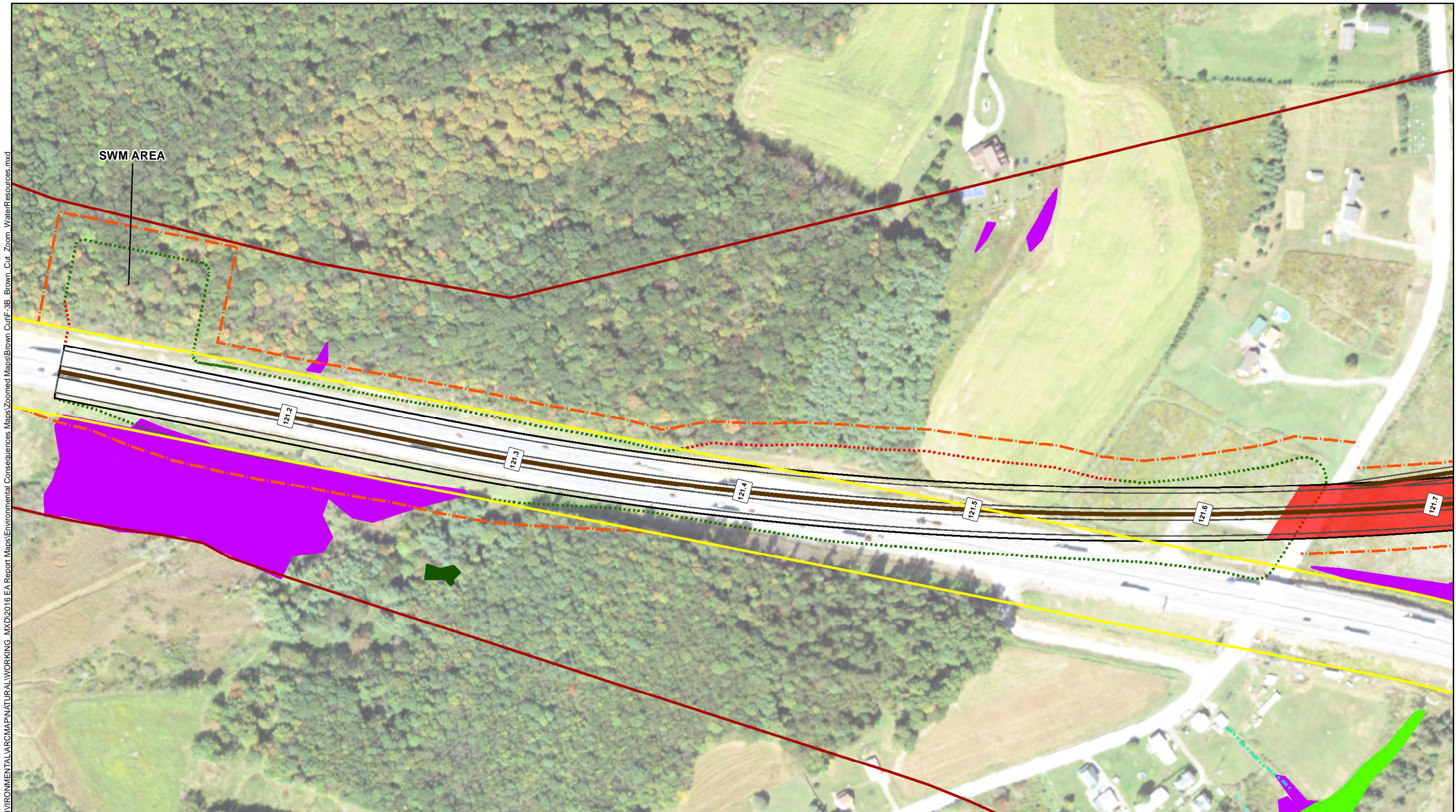
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Open Water Wetland
- Palustrine Scrub Shrub Wetland




Source:
PASDA, FEMA

**Figure F-3B - Brown Cut Alternative
Wetlands, Surface Water Resources, and Floodplains**

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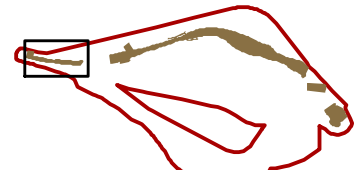
Allegheny Tunnel
Transportation Improvement Project

















TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	





ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT


DRAFT ENVIRONMENTAL DOCUMENT

WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



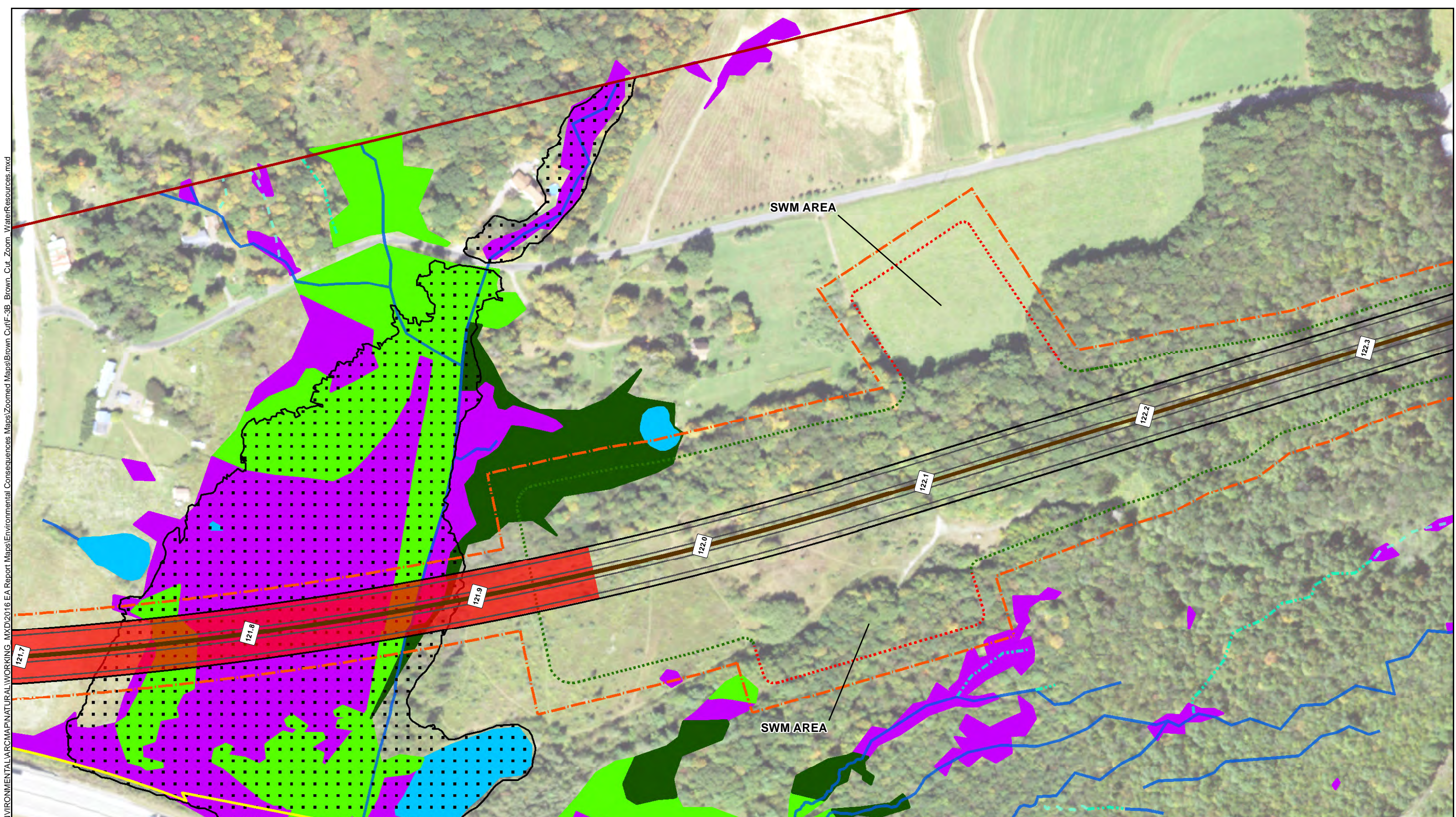
Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA


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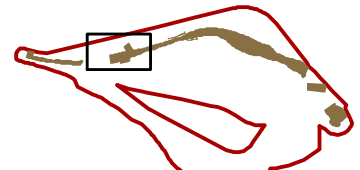


















ALLEGHENY
TURN PIKE
tunnel
Transportation Improvement Project





TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	2 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			




1 inch = 200 feet




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



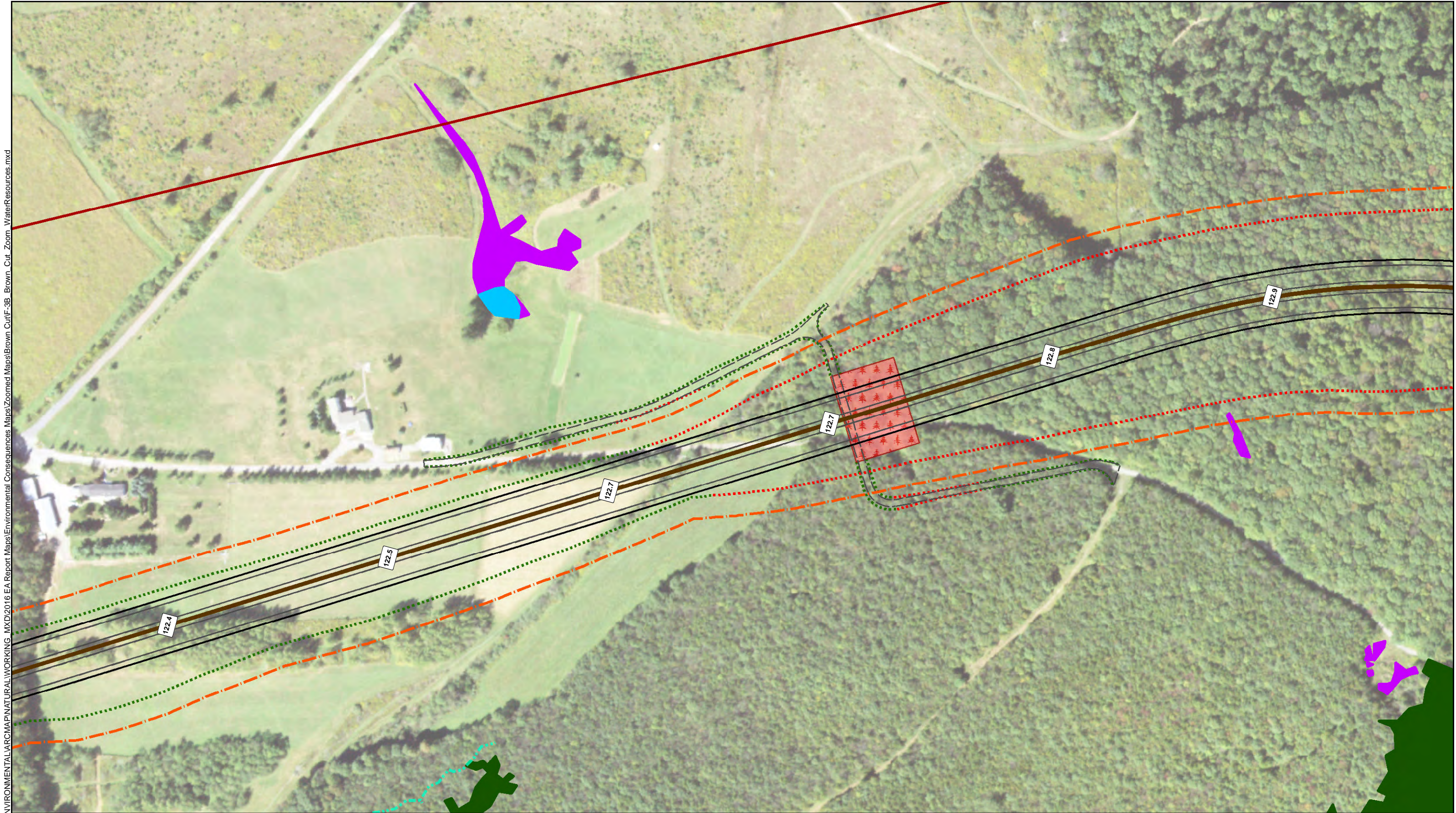
Pennsylvania Turnpike Commission



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Source:
PASDA, FEMA

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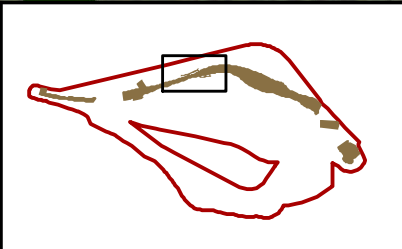


















Transportation Improvement Project





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1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



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Source: PASDA, FEMA

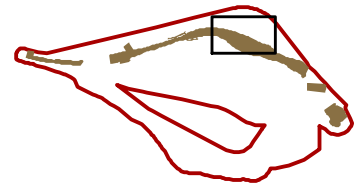
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ALLEGHENY tunnel
TURN PIKE
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TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Brown Cut Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Brown Cut Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Property Access Road


 Floodplain


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream

 Palustrine Emergent Wetland


 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland




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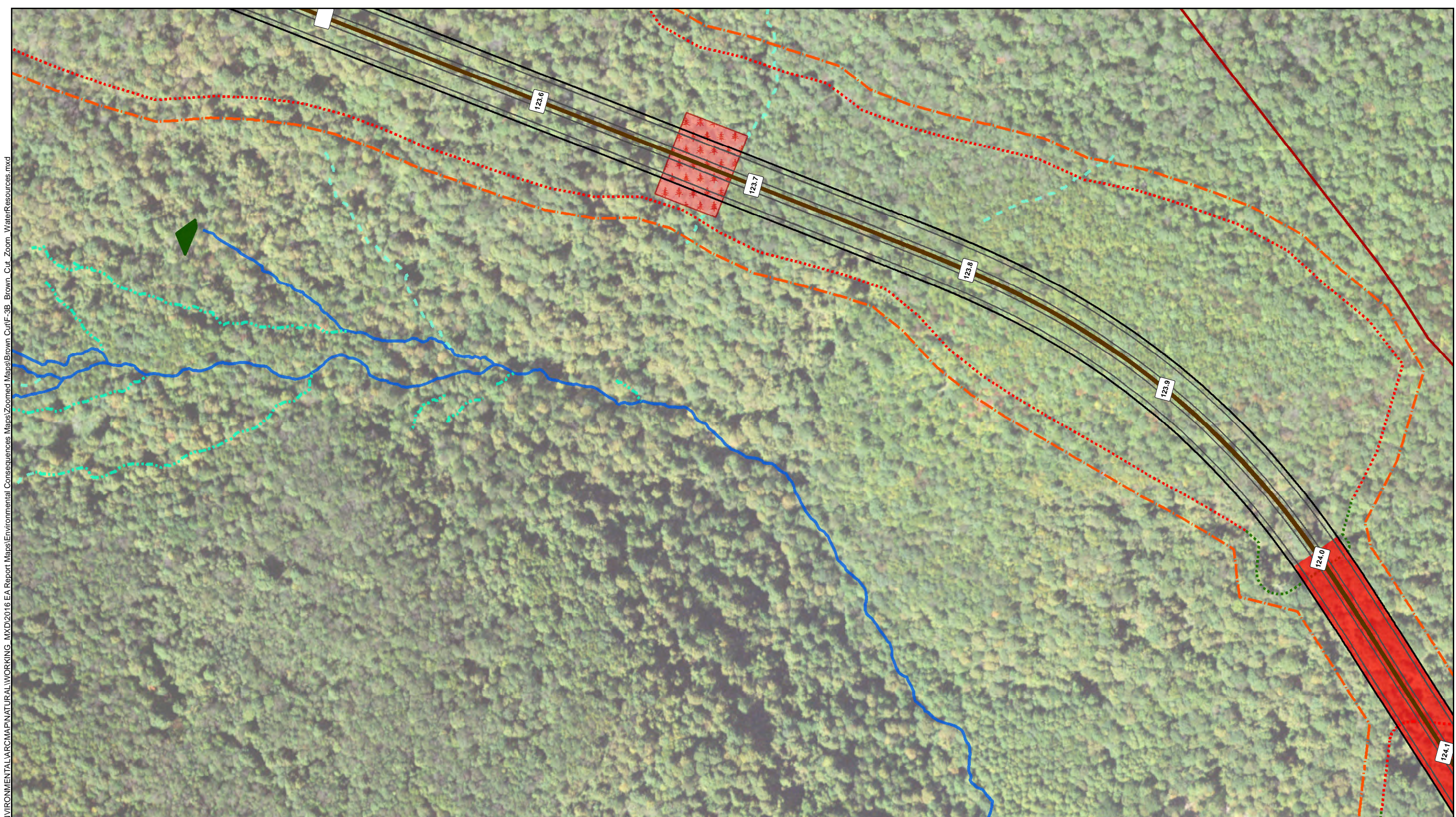



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Source: PASDA, FEMA

 1 inch = 200 feet

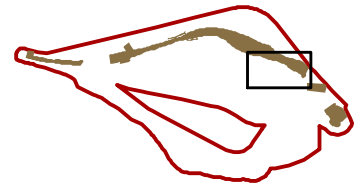
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












ALLEGHENY tunnel
Turnpike
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



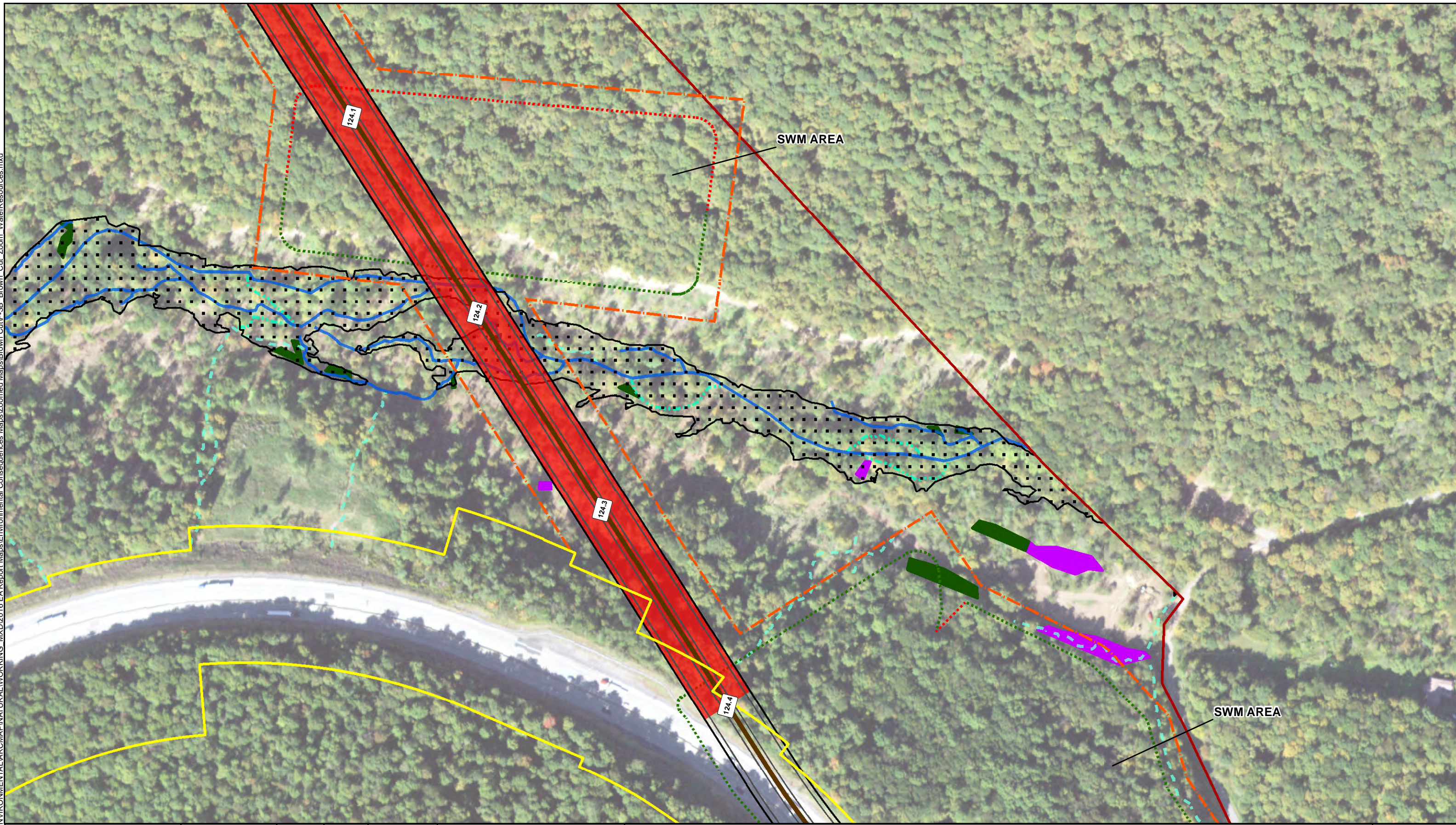
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Source: PASDA, FEMA

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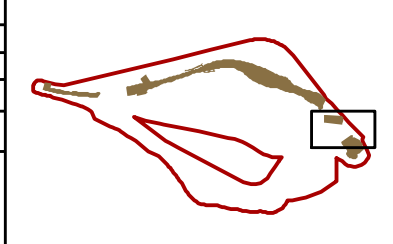
























Allegheny
Tunnel
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1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	6 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



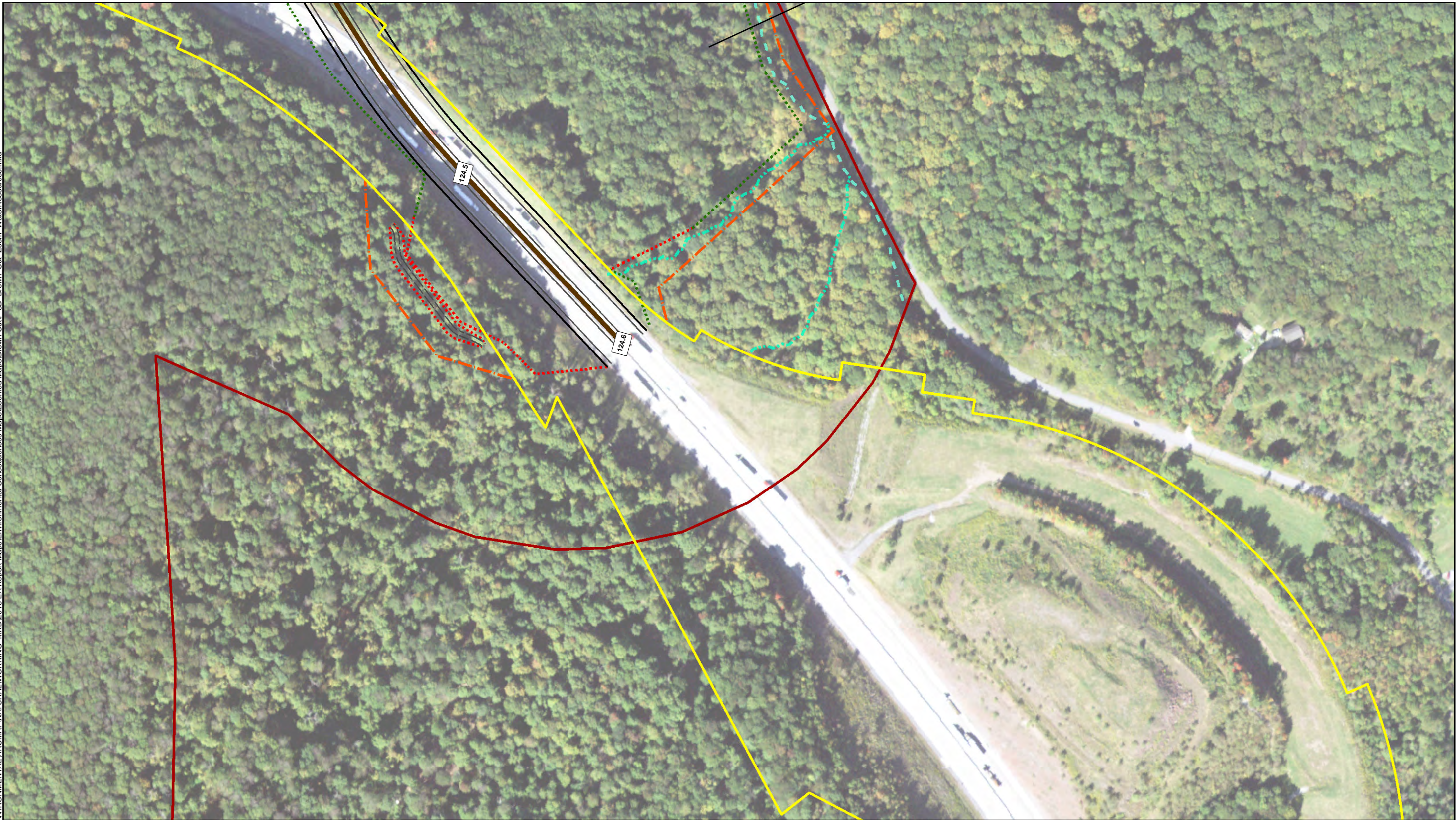
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Source: PASDA, FEMA

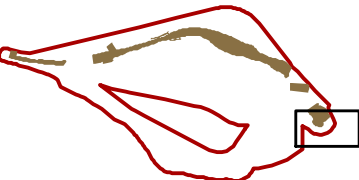
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























ALLEGHENY tunnel
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	7 of 7	F-3B
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road
 Mile Post	 Brown Cut Right-of-Way	 Floodplain
 Brown Cut Road Centerline	 Bridge	 Ephemeral Stream
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream
 Roadway Shoulder	 Cut Boundary	 Perennial Stream
	 Fill Boundary	

 Palustrine Emergent Wetland
 Palustrine Forested Wetland
 Palustrine Open Water Wetland
 Palustrine Scrub Shrub Wetland



Pennsylvania Turnpike Commission

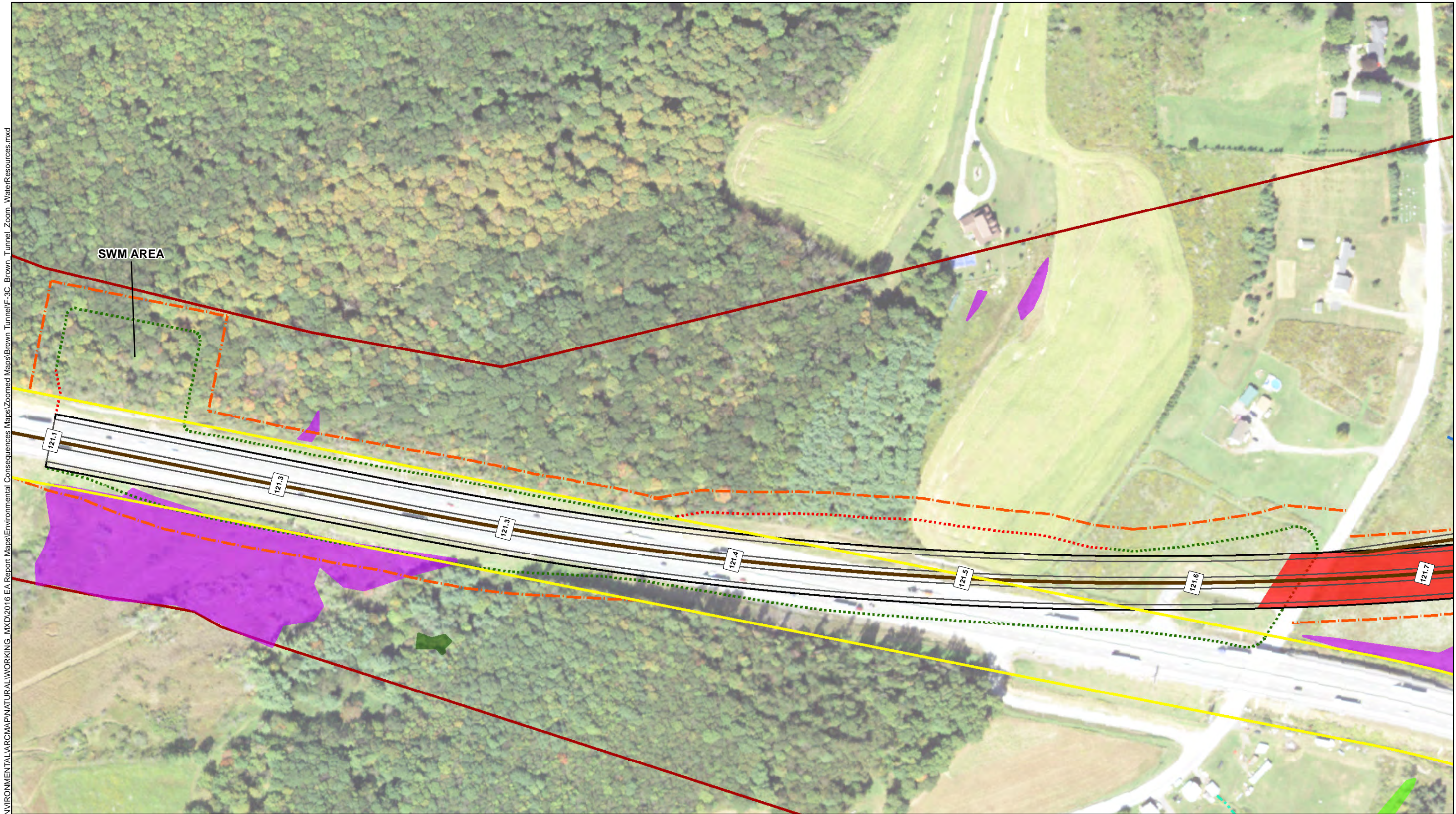



CDI L.R. Kimball

Source: PASDA, FEMA

**Figure F-3C - Brown Tunnel Alternative
Wetlands, Surface Water Resources, and Floodplains**


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
























ALLEGHENY
turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 7	F-3C
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Floodplain
 Mile Post	 Brown Tunnel Right-of-Way	 Tunnel	 Palustrine Emergent Wetland
 Brown Tunnel Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



1 inch = 200 feet


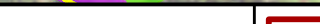





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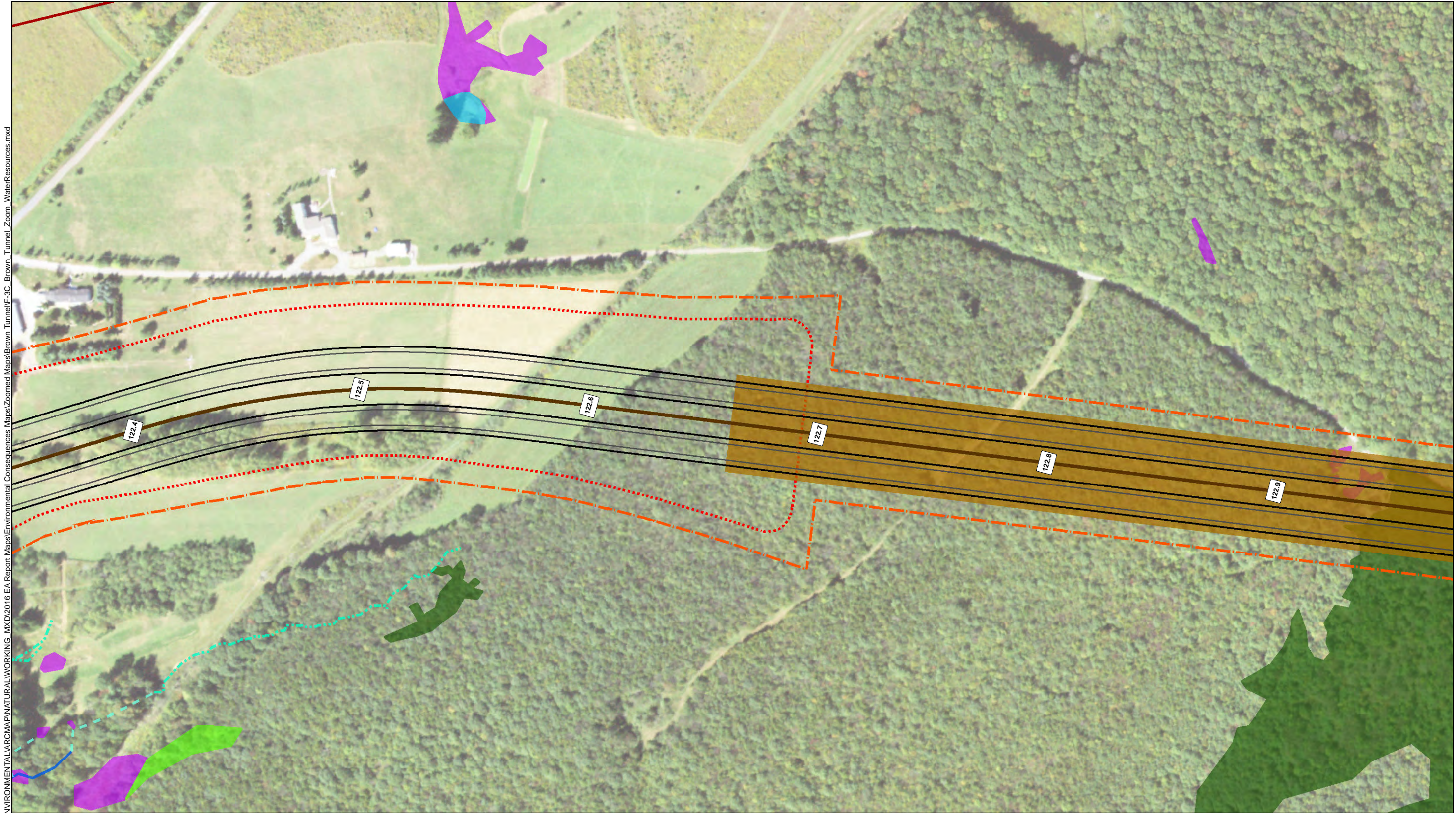



CDI L.R. Kimball

Source: PASDA, FEMA

	TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.				
	Stonycreek & Allegheny		Somerset	2 of 7				F-3C
	CREATED ON: 6/15/2020		REVISION 1: N/A	REVISION 2: N/A				
	ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT							
DRAFT ENVIRONMENTAL DOCUMENT								
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE								
 1 inch = 200 feet								


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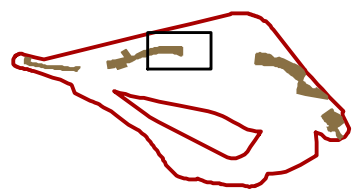



Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 7	F-3C
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			




1 inch = 200 feet







Study Area Boundary




Mile Post




Brown Tunnel Road Centerline




Roadway Lane




Roadway Shoulder




Existing Legal Right-of-Way




Brown Tunnel Right-of-Way




Bridge




Wildlife Crossing Bridge




Cut Boundary




Fill Boundary




Tunnel




Ephemeral Stream




Intermittent Stream




Perennial Stream




Property Access Road




Floodplain




Palustrine Emergent Wetland




Palustrine Forested Wetland




Palustrine Open Water Wetland



Palustrine Scrub Shrub Wetland



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CDI L.R. Kimball

Source: PASDA, FEMA

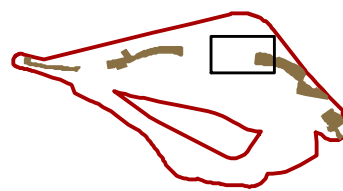
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Allegheny Turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 7	F-3C
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			





**Study Area Boundary**


**Mile Post**


**Brown Tunnel Road Centerline**


**Roadway Lane**


**Roadway Shoulder**


**Existing Legal Right-of-Way**


**Brown Tunnel Right-of-Way**


**Bridge**


**Wildlife Crossing Bridge**


**Cut Boundary**


**Fill Boundary**


**Property Access Road**


**Tunnel**


**Ephemeral Stream**


**Intermittent Stream**


**Perennial Stream**


**Floodplain**


**Palustrine Emergent Wetland**

**Palustrine Forested Wetland**


**Palustrine Open Water Wetland**

**Palustrine Scrub Shrub Wetland**

**Pennsylvania Turnpike Commission**

**CDI L.R. Kimball**

Source: PASDA, FEMA

**1 inch = 200 feet**

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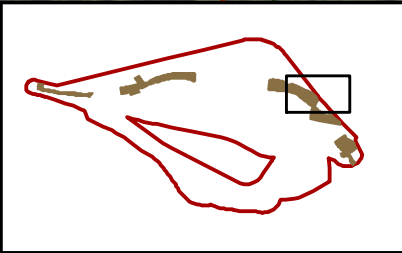























Transportation Improvement Project


N

1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 7	F-3C
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Floodplain
 Mile Post	 Brown Tunnel Right-of-Way	 Tunnel	 Palustrine Emergent Wetland
 Brown Tunnel Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



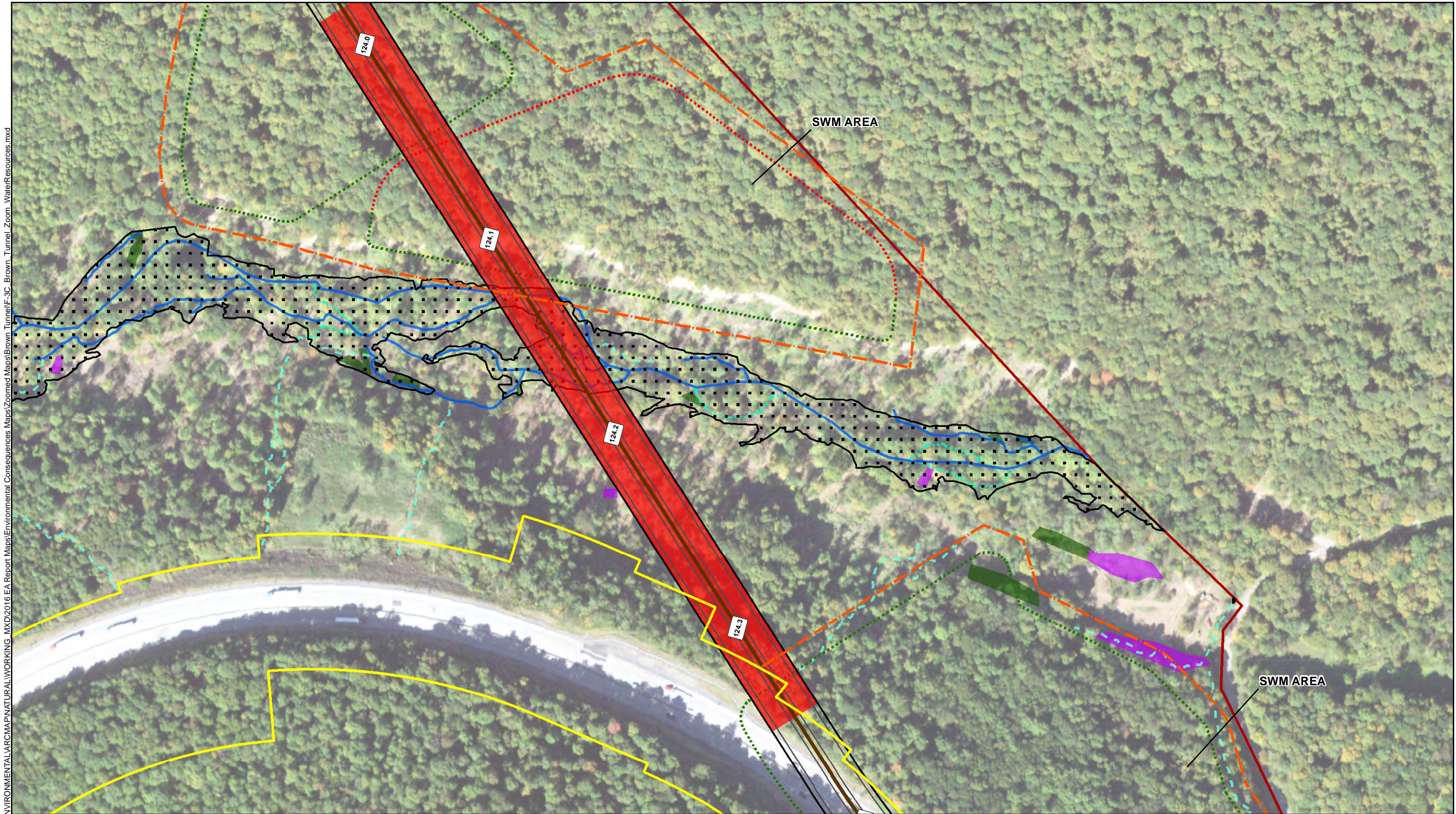
Pennsylvania Turnpike Commission




L.R. Kimball

Source:
PASDA, FEMA

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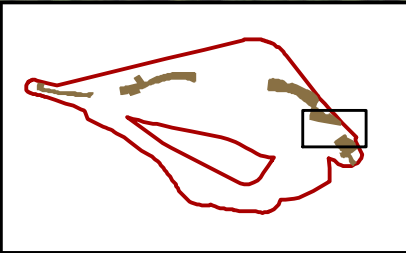



Transportation Improvement Project


N


1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	6 of 7	F-3C
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ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Brown Tunnel Road Centerline


 Roadway Lane


 Roadway Shoulder


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Tunnel


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream


 Floodplain

 Palustrine Emergent Wetland


 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland



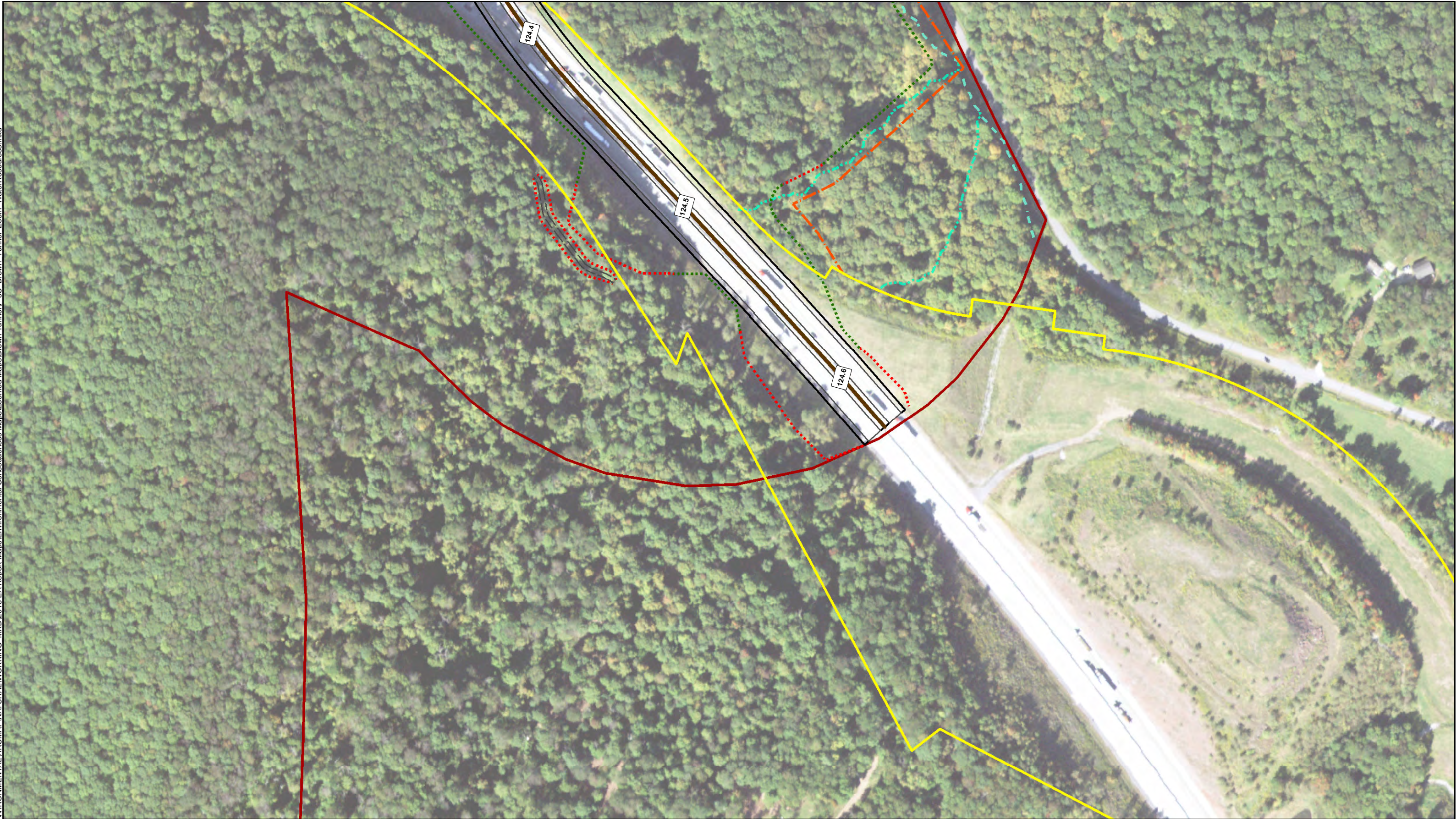
Pennsylvania Turnpike Commission



L.R. Kimball

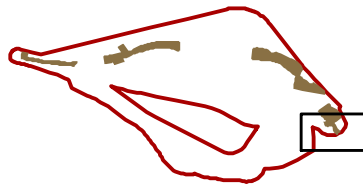
Source: PASDA, FEMA

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N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	7 of 7	F-3C
CREATED ON: 6/15/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - BROWN TUNNEL ALTERNATIVE			



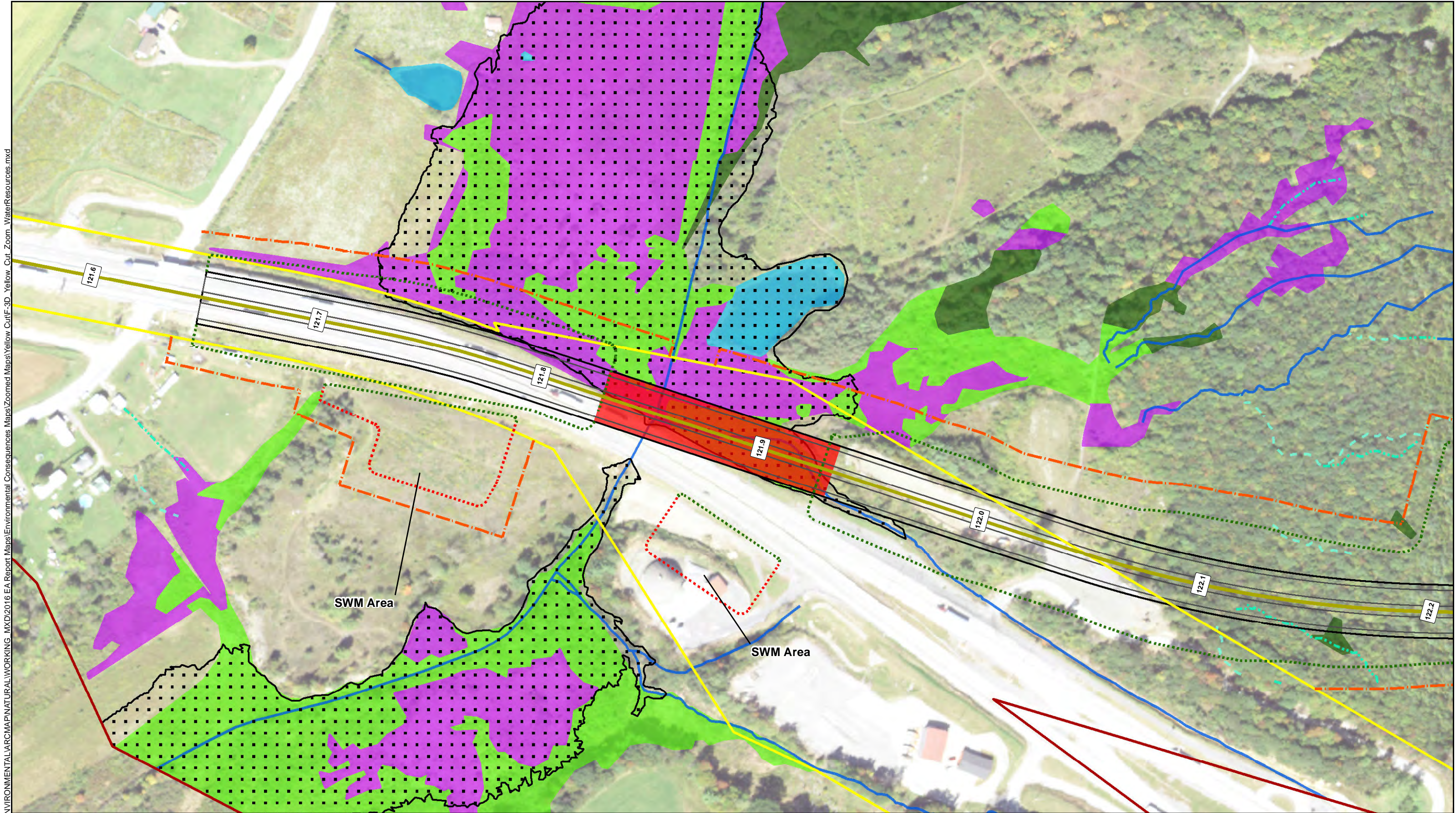
Study Area Boundary	Existing Legal Right-of-Way	Property Access Road	Floodplain
Mile Post	Brown Tunnel Right-of-Way	Tunnel	Palustrine Emergent Wetland
Brown Tunnel Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		



Source:
PASDA, FEMA

**Figure F-3D - Yellow Cut Alternative
Wetlands, Surface Water Resources, and Floodplains**

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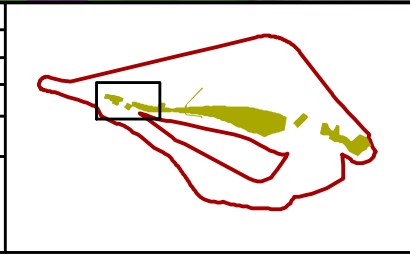


























Transportation Improvement Project

1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 5	F-3D
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW CUT ALTERNATIVE			



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Yellow Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Yellow Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



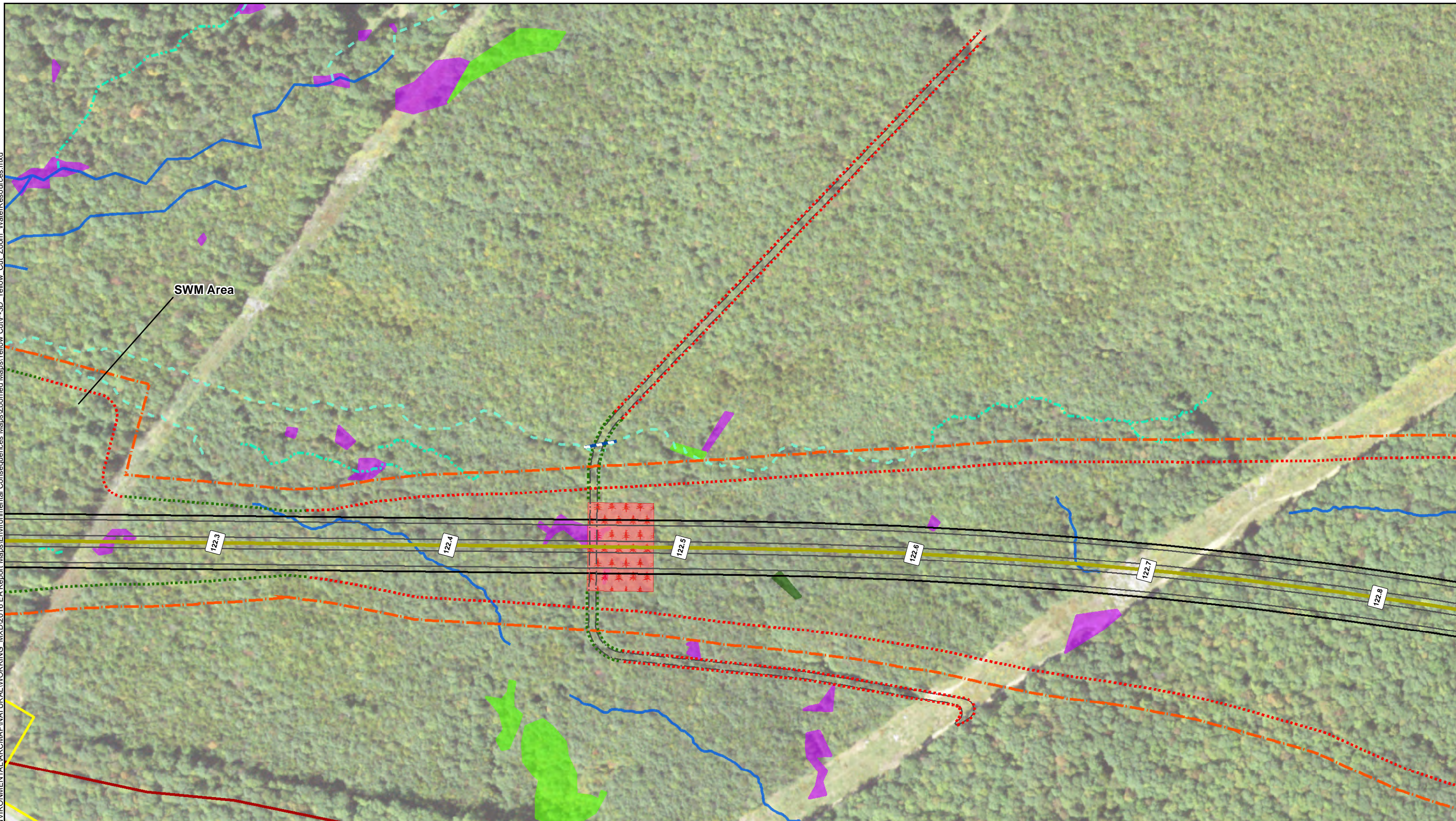
Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA

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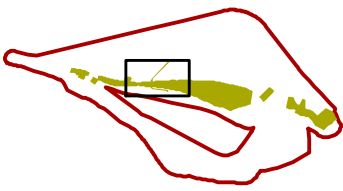
Allegheny Tunnel
Transportation Improvement Project

















TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	2 of 5	F-3D
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	


ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT

DRAFT ENVIRONMENTAL DOCUMENT


WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW CUT ALTERNATIVE



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Yellow Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Yellow Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA

K:\EBG PROJ\97-0609\HBB\ENVIRONMENTAL\ARC\MAP\NATURAL\WORKING_MXD\2016 EA Report Maps\Environmental Consequences Maps\Zoomed Maps\Yellow Cut\F-3D Yellow Cut_Zoom WaterResources.mxd

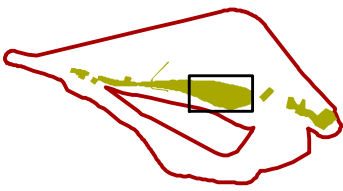





Allegheny Tunnel
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 5	F-3D
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW CUT ALTERNATIVE			


1 inch = 200 feet



- Study Area Boundary
- Mile Post
- Yellow Cut Road Centerline
- Roadway Lane
- Roadway Shoulder
- Existing Legal Right-of-Way
- Yellow Cut Right-of-Way
- Bridge
- Wildlife Crossing Bridge
- Cut Boundary
- Fill Boundary
- Property Access Road
- Floodplain
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Gray Cut Culverted Stream
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Open Water Wetland
- Palustrine Scrub Shrub Wetland



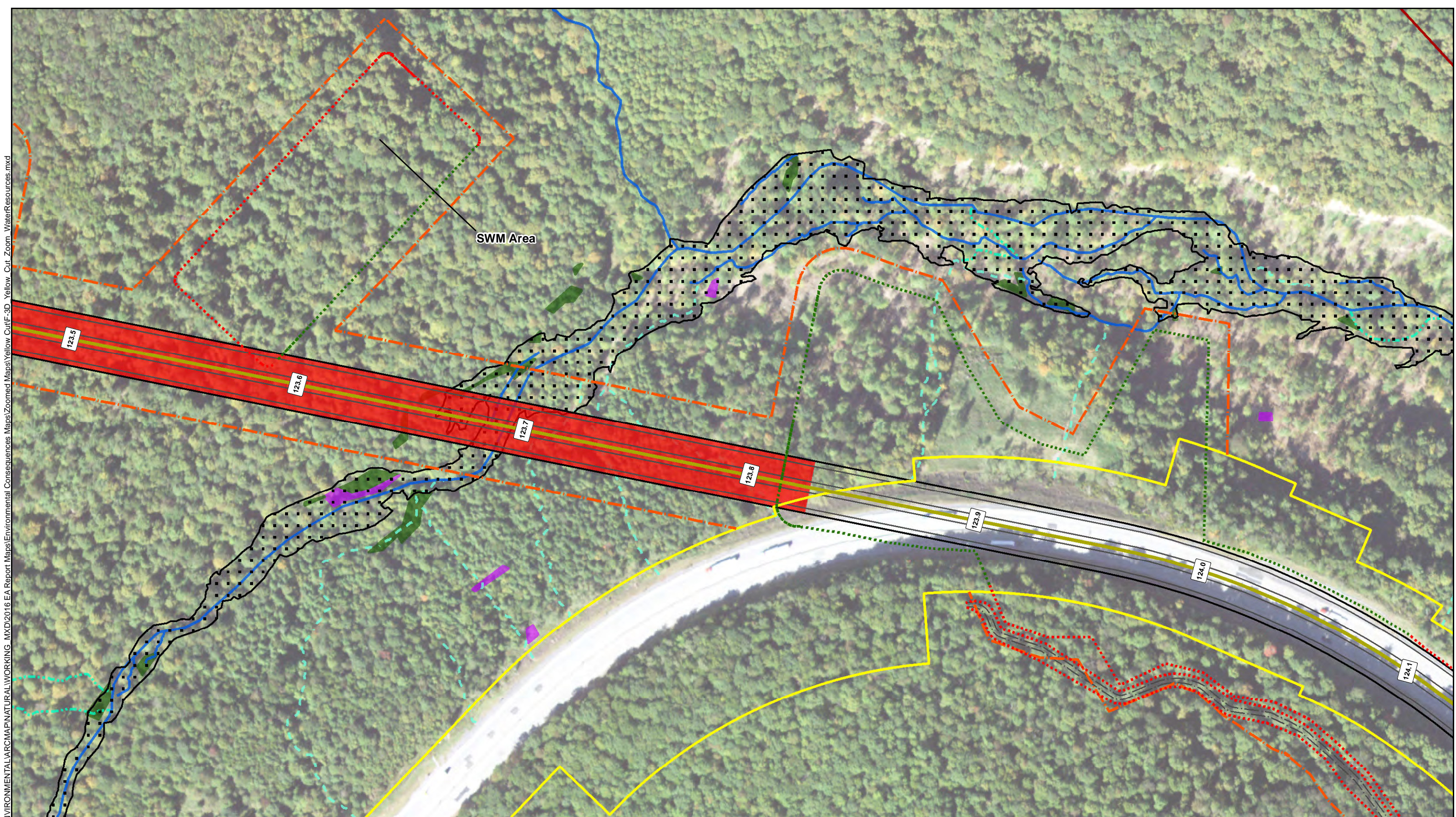
Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA


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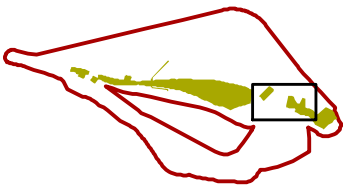























Allegheny Turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 5	F-3D
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW CUT ALTERNATIVE			




1 inch = 200 feet



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Yellow Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Yellow Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



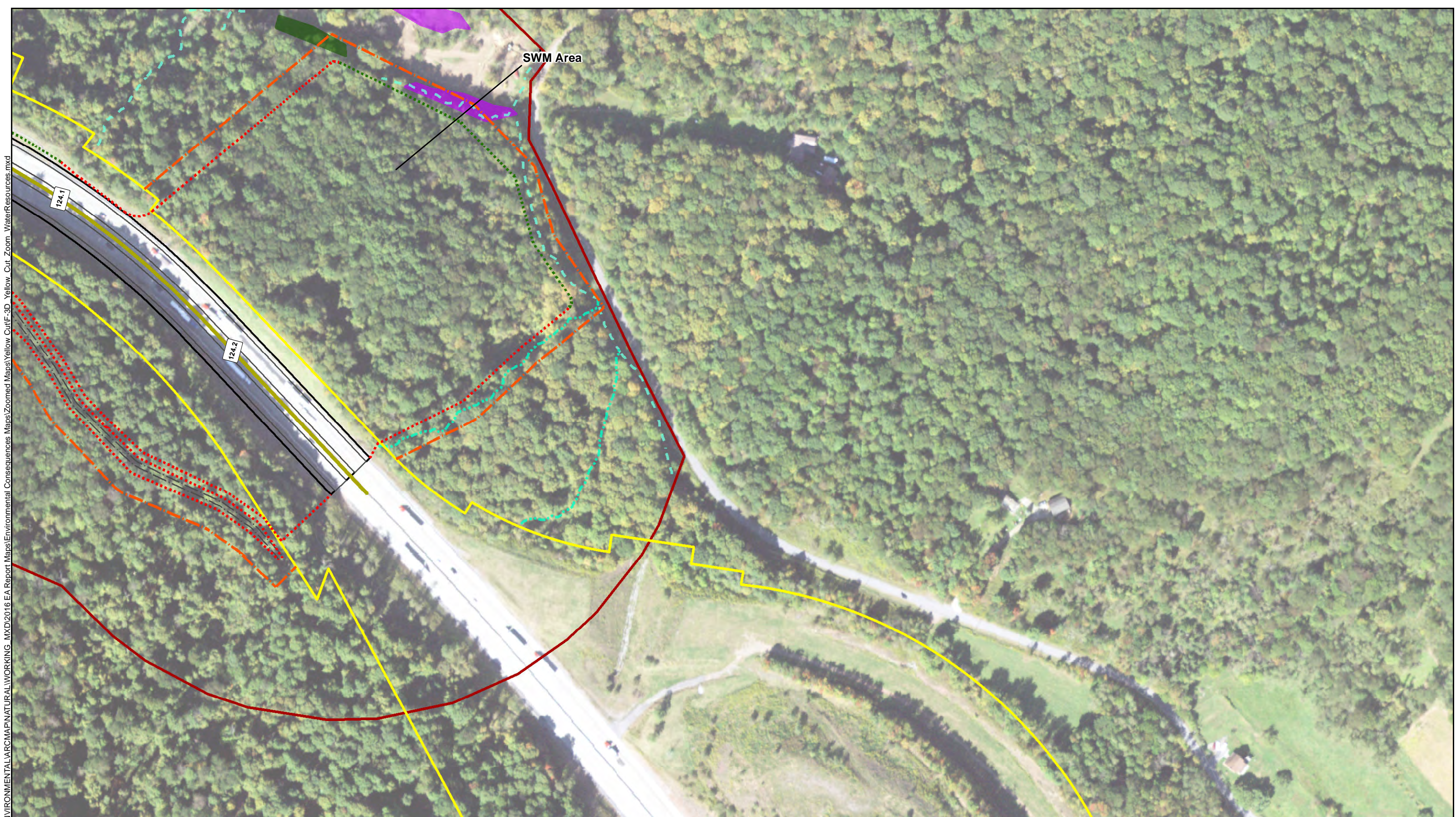
Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source:
PASDA, FEMA


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TRANSPORTATION IMPROVEMENT PROJECT


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 5	F-3D
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW CUT ALTERNATIVE			




1 inch = 200 feet



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Yellow Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Yellow Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



Pennsylvania Turnpike Commission

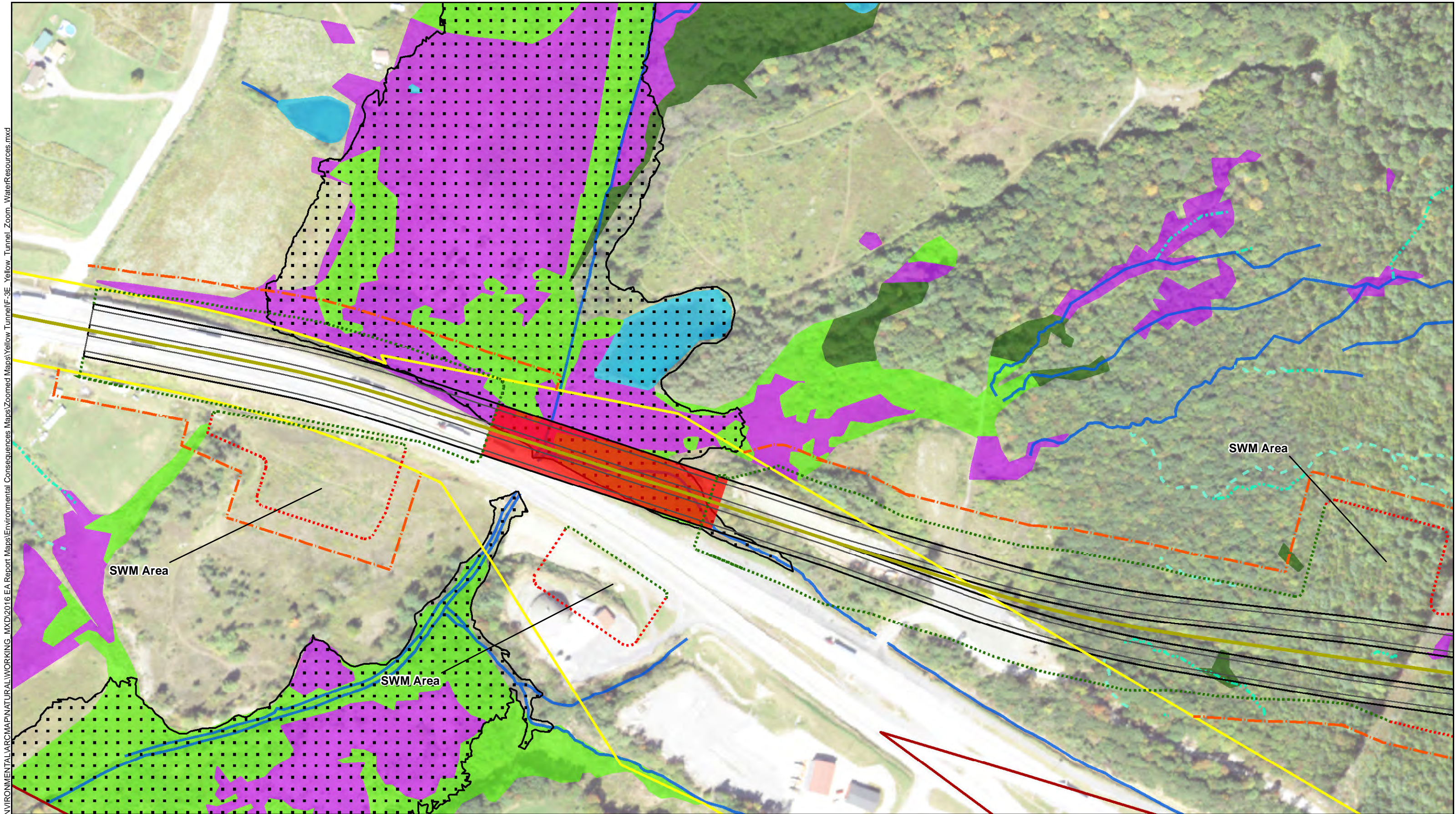


L.R. Kimball

Source: PASDA, FEMA

**Figure F-3E - Yellow Tunnel Alternative
Wetlands, Surface Water Resources, and Floodplains**

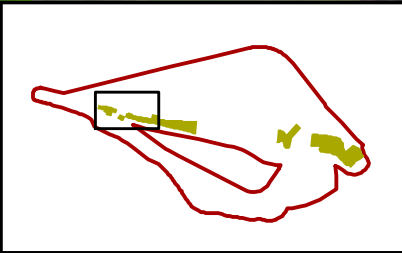
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ALLEGHENY TURN PIKE
Transportation Improvement Project

N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 5	F-3E
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE			



- Study Area Boundary
- Mile Post
- Yellow Tunnel Road Centerline
- Roadway Lane
- Roadway Shoulder

- Existing Legal Right-of-Way
- Yellow Tunnel Right-of-Way
- Bridge
- Wildlife Crossing Bridge
- Cut Boundary
- Fill Boundary

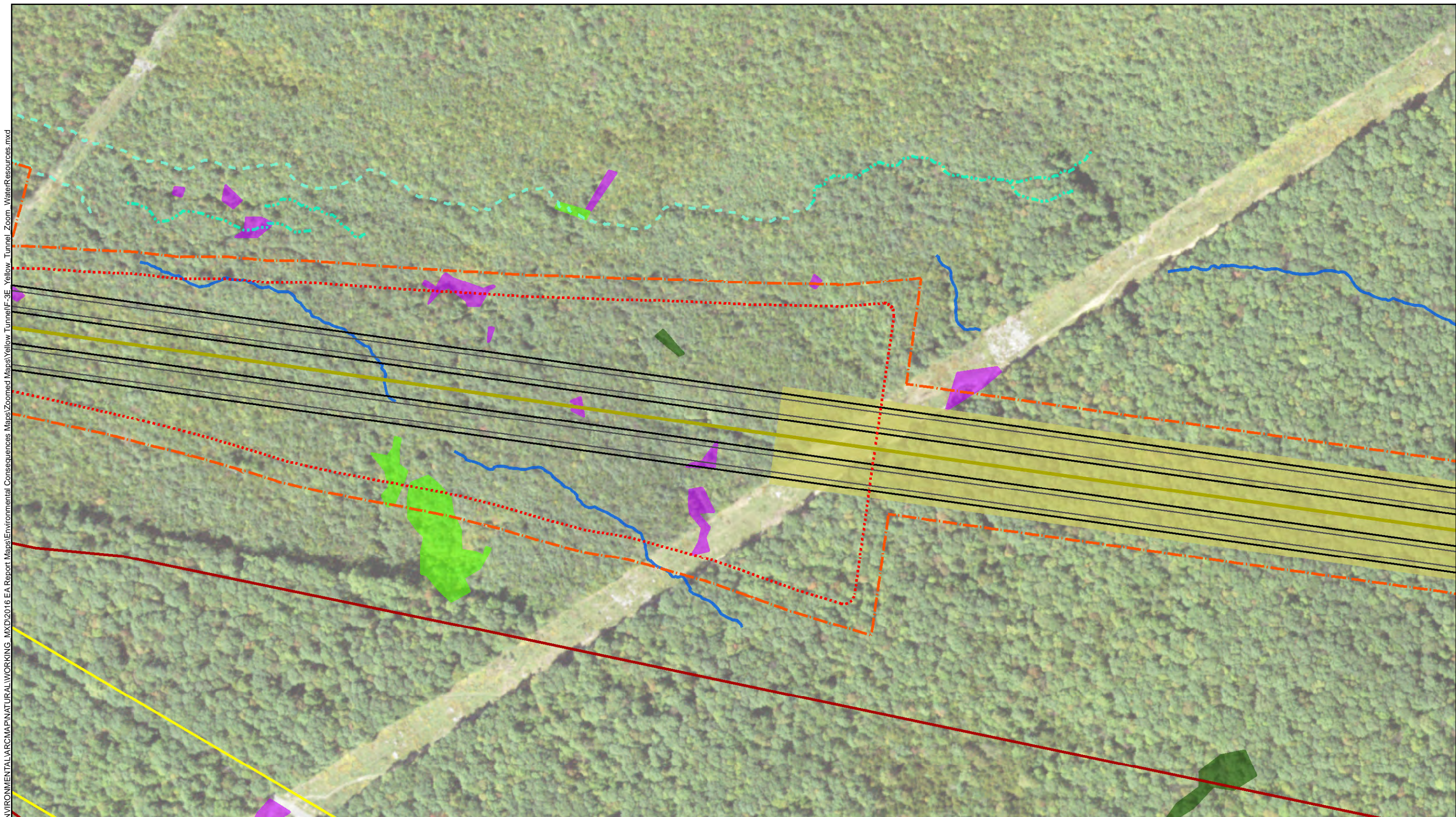
- Property Access Road
- Tunnel
- Floodplain
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream

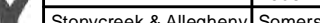





- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Open Water Wetland
- Palustrine Scrub Shrub Wetland

TURN PIKE Pennsylvania Turnpike Commission

CDI L.R. Kimball


Source: PASDA, FEMA



	TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.		<div style="margin-bottom: 5px;"> Study Area Boundary </div> <div style="margin-bottom: 5px;"> Mile Post </div> <div style="margin-bottom: 5px;"> Yellow Tunnel Road Centerline </div> <div style="margin-bottom: 5px;"> Roadway Lane </div> <div style="margin-bottom: 5px;"> Roadway Shoulder </div>	<div style="margin-bottom: 5px;"> Existing Legal Right-of-Way </div> <div style="margin-bottom: 5px;"> Yellow Tunnel Right-of-Way </div> <div style="margin-bottom: 5px;"> Bridge </div> <div style="margin-bottom: 5px;"> Wildlife Crossing Bridge </div> <div style="margin-bottom: 5px;"> Cut Boundary </div> <div style="margin-bottom: 5px;"> Fill Boundary </div>	<div style="margin-bottom: 5px;"> Property Access Road </div> <div style="margin-bottom: 5px;"> Tunnel </div> <div style="margin-bottom: 5px;"> Floodplain </div> <div style="margin-bottom: 5px;"> Ephemeral Stream </div> <div style="margin-bottom: 5px;"> Intermittent Stream </div> <div style="margin-bottom: 5px;"> Perennial Stream </div>	<div style="margin-bottom: 5px;"> Palustrine Emergent Wetland </div> <div style="margin-bottom: 5px;"> Palustrine Forested Wetland </div> <div style="margin-bottom: 5px;"> Palustrine Open Water Wetland </div> <div style="margin-bottom: 5px;"> Palustrine Scrub Shrub Wetland </div>	
	Stonycreek & Allegheny	Somerset	2 of 5	F-3E						
	CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A							
	ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT									
DRAFT ENVIRONMENTAL DOCUMENT						WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE				
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE										
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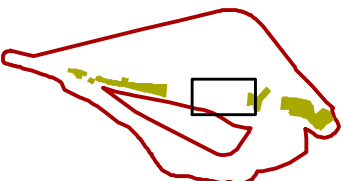



ALLEGHENY tunnel
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 5	F-3E
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE			




1 inch = 200 feet







Study Area Boundary




Mile Post




Yellow Tunnel Road Centerline




Roadway Lane




Roadway Shoulder




Existing Legal Right-of-Way




Yellow Tunnel Right-of-Way




Bridge




Wildlife Crossing Bridge




Cut Boundary




Fill Boundary




Property Access Road




Tunnel




Floodplain




Ephemeral Stream




Intermittent Stream




Perennial Stream




Palustrine Emergent Wetland




Palustrine Forested Wetland




Palustrine Open Water Wetland



Palustrine Scrub Shrub Wetland



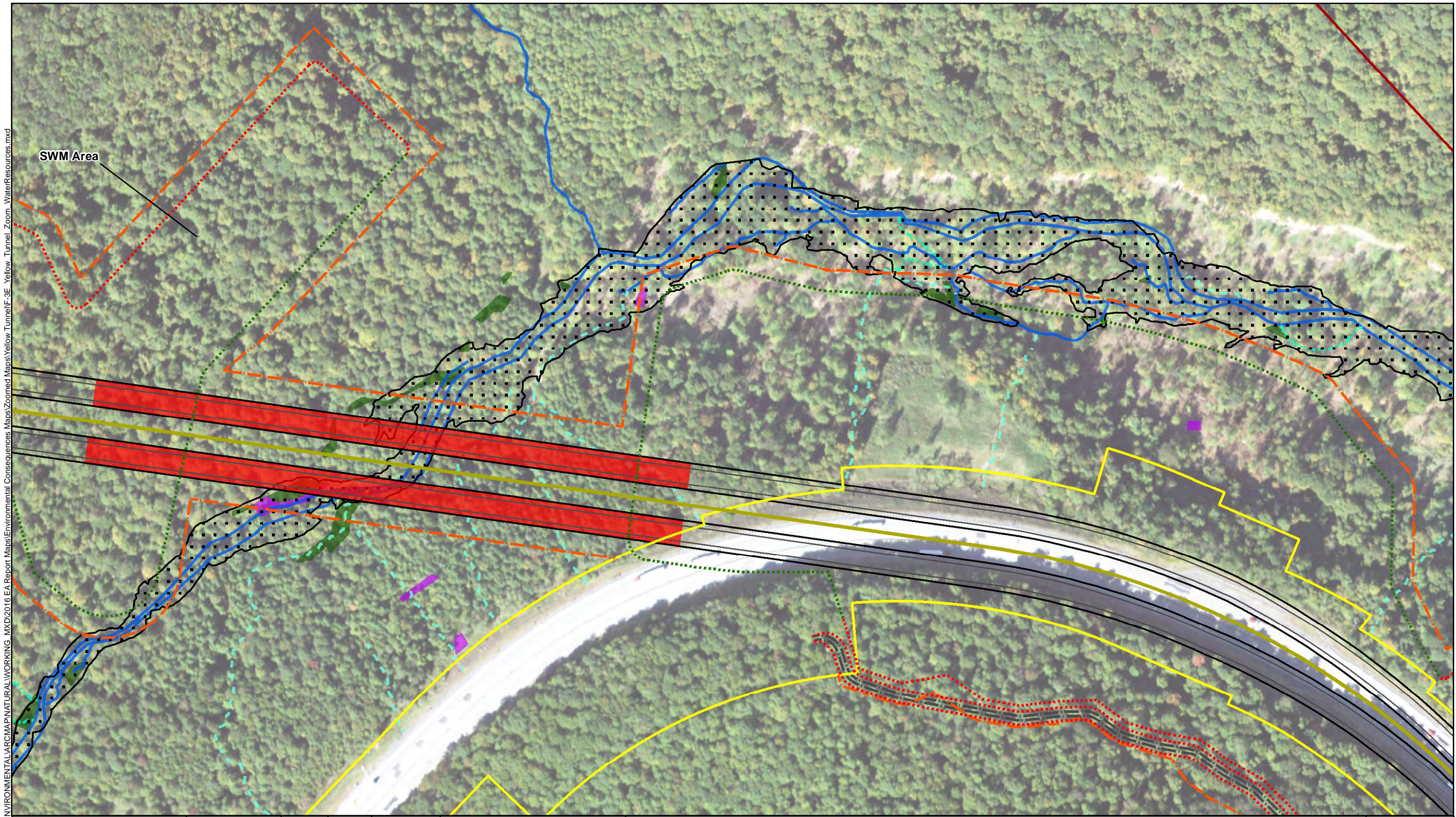
Pennsylvania Turnpike Commission



CDI L.R. Kimball

Source: PASDA, FEMA

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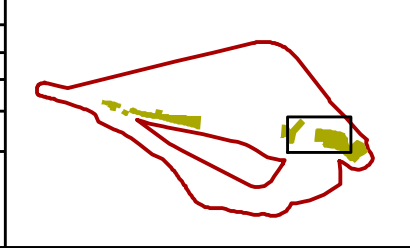






Allegheny Turnpike Tunnel
Transportation Improvement Project


1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 5	F-3E
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Yellow Tunnel Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Yellow Tunnel Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Property Access Road


 Tunnel


 Floodplain


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream


 Palustrine Emergent Wetland

 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland


 Pennsylvania Turnpike Commission

 L.R. Kimball

Source: PASDA, FEMA


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Allegheny Turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 5	F-3E
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - YELLOW TUNNEL ALTERNATIVE			





1 inch = 200 feet





 Study Area Boundary


 Mile Post


 Yellow Tunnel Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Yellow Tunnel Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Property Access Road


 Tunnel


 Floodplain


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream

 Palustrine Emergent Wetland


 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland



Pennsylvania Turnpike Commission

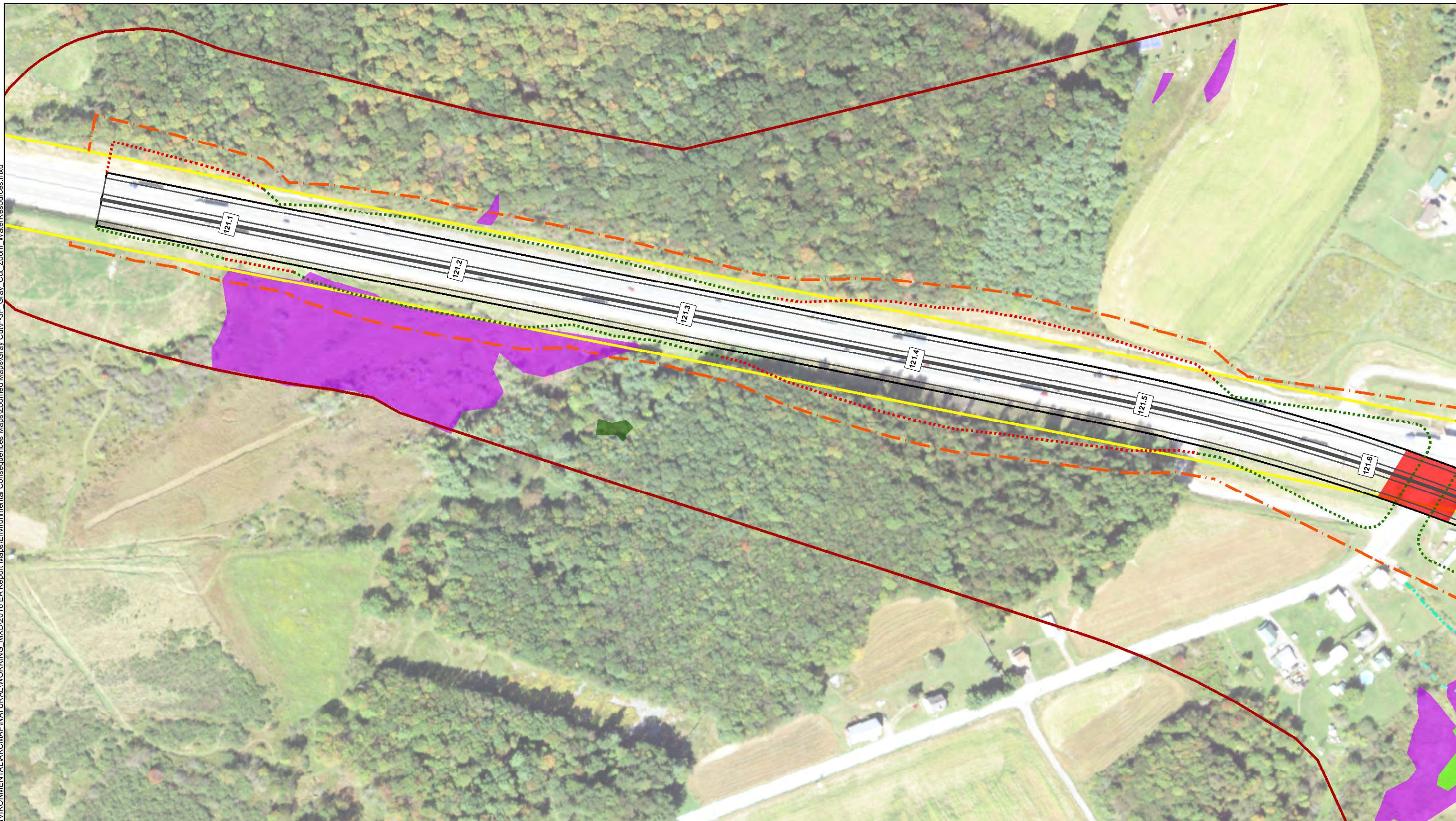



CDI L.R. Kimball

Source: PASDA, FEMA

**Figure F-3F - Gray Cut Alternative
Wetlands, Surface Water Resources, and Floodplains**

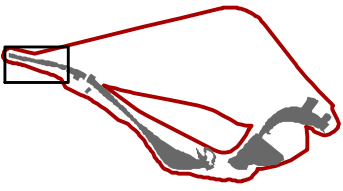
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
























ALLEGHENY tunnel
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Gray Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Gray Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



1 inch = 200 feet



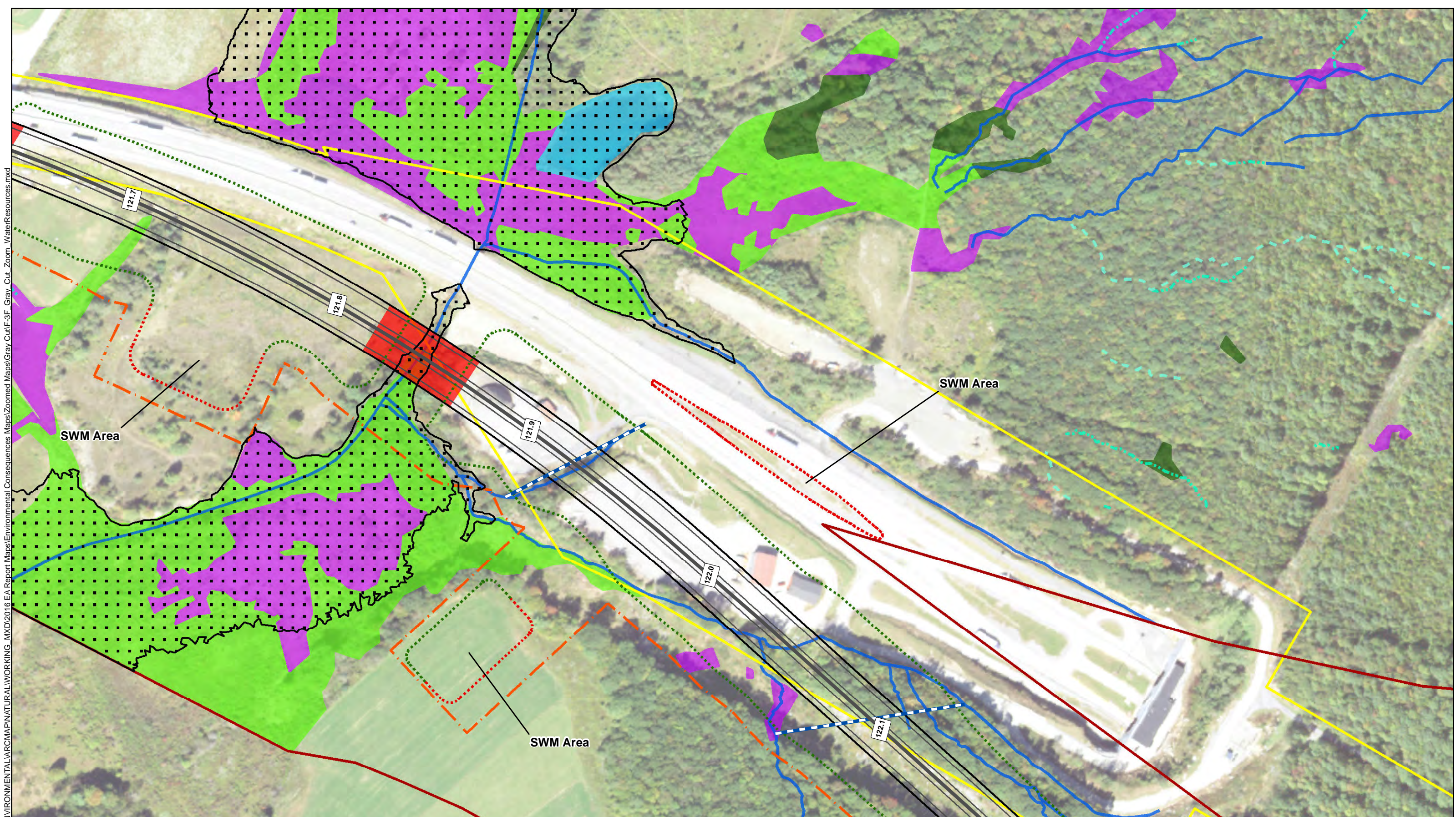
Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA

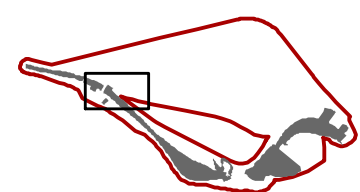
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Allegheny Turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	2 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Gray Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Gray Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



1 inch = 200 feet



Pennsylvania Turnpike Commission



CDI L.R. Kimball

Source: PASDA, FEMA

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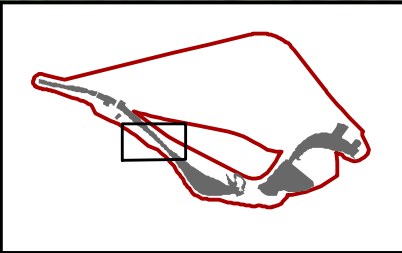


























Allegheny Turnpike
Transportation Improvement Project

1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			



 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Gray Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Gray Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



Pennsylvania Turnpike Commission




CDI L.R. Kimball

Source: PASDA, FEMA

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Allegheny Tunnel Turnpike
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	

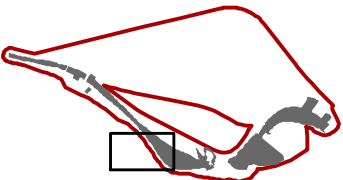
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT


DRAFT ENVIRONMENTAL DOCUMENT

WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE




1 inch = 200 feet







Study Area Boundary




Mile Post




Gray Cut Road Centerline




Roadway Lane




Roadway Shoulder




Existing Legal Right-of-Way




Gray Cut Right-of-Way




Bridge




Wildlife Crossing Bridge




Cut Boundary




Fill Boundary




Property Access Road




Floodplain




Ephemeral Stream




Intermittent Stream




Perennial Stream




Gray Cut Culverted Stream




Palustrine Emergent Wetland




Palustrine Forested Wetland




Palustrine Open Water Wetland



Palustrine Scrub Shrub Wetland



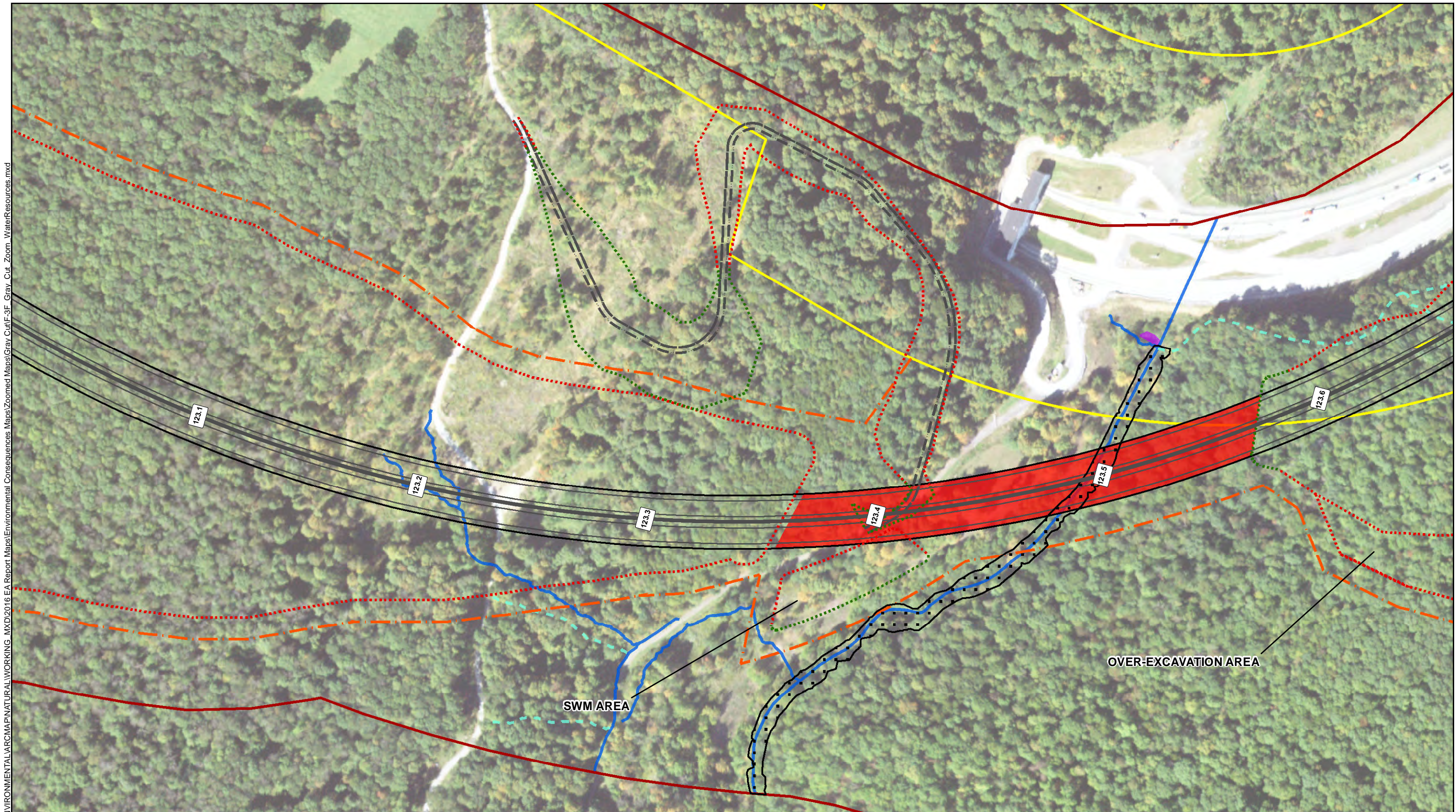
Pennsylvania Turnpike Commission



CDI L.R. Kimball


Source:
PASDA, FEMA

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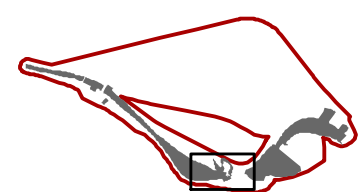
SWM AREA






















OVER-EXCAVATION AREA




Allegheny Turnpike
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 9	F-3F
CREATED ON: 10/27/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			




 Study Area Boundary	 Existing Legal Right-of-Way	 Property Access Road	 Gray Cut Culverted Stream
 Mile Post	 Gray Cut Right-of-Way	 Floodplain	 Palustrine Emergent Wetland
 Gray Cut Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		



1 inch = 200 feet

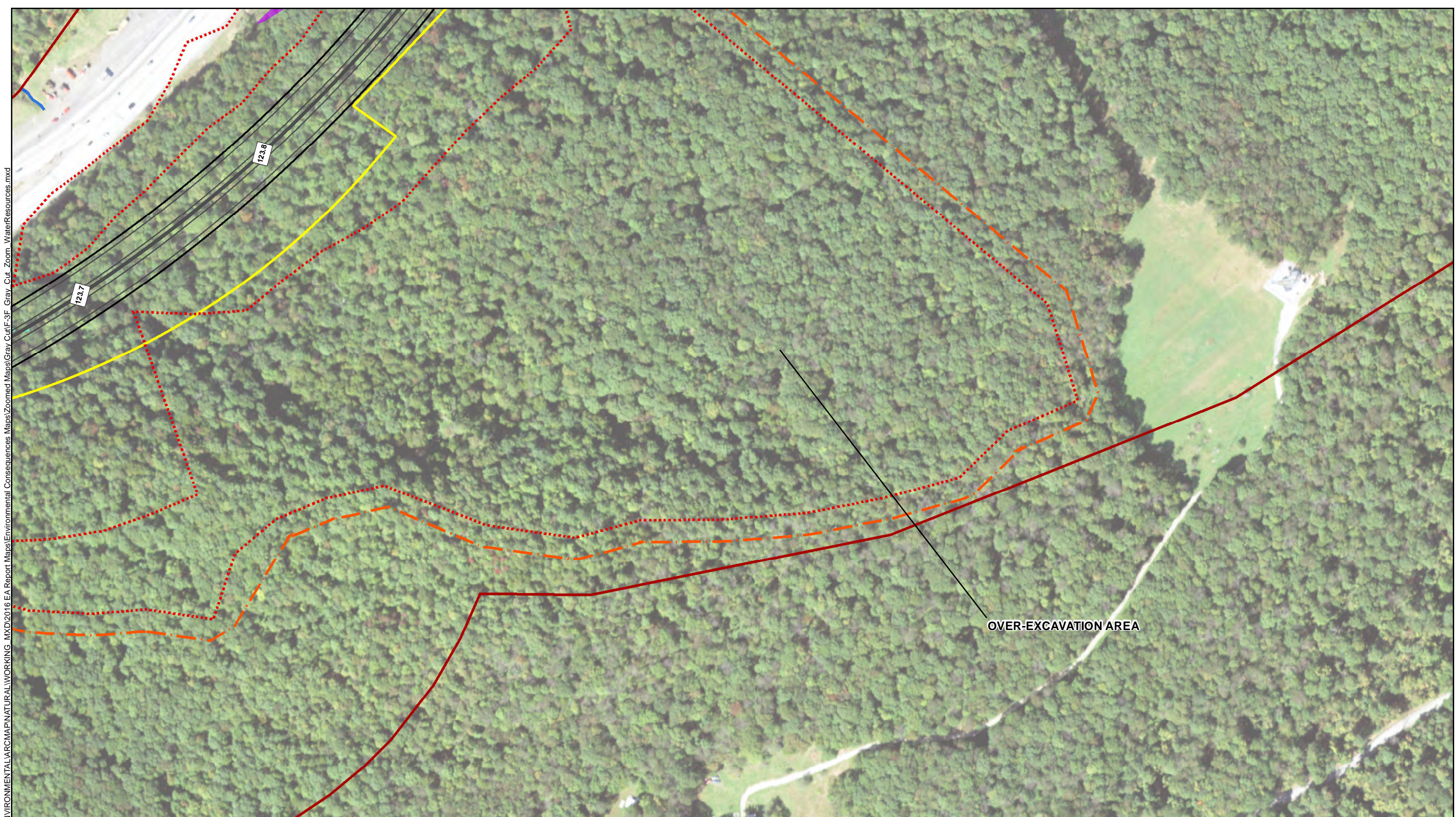


Pennsylvania Turnpike Commission




Source: PASDA, FEMA

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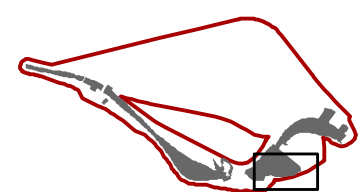



OVER-EXCAVATION AREA





ALLEGHENY tunnel
Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	6 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Gray Cut Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Gray Cut Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Property Access Road


 Floodplain


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream


 Gray Cut Culverted Stream

 Palustrine Emergent Wetland


 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland




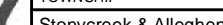












































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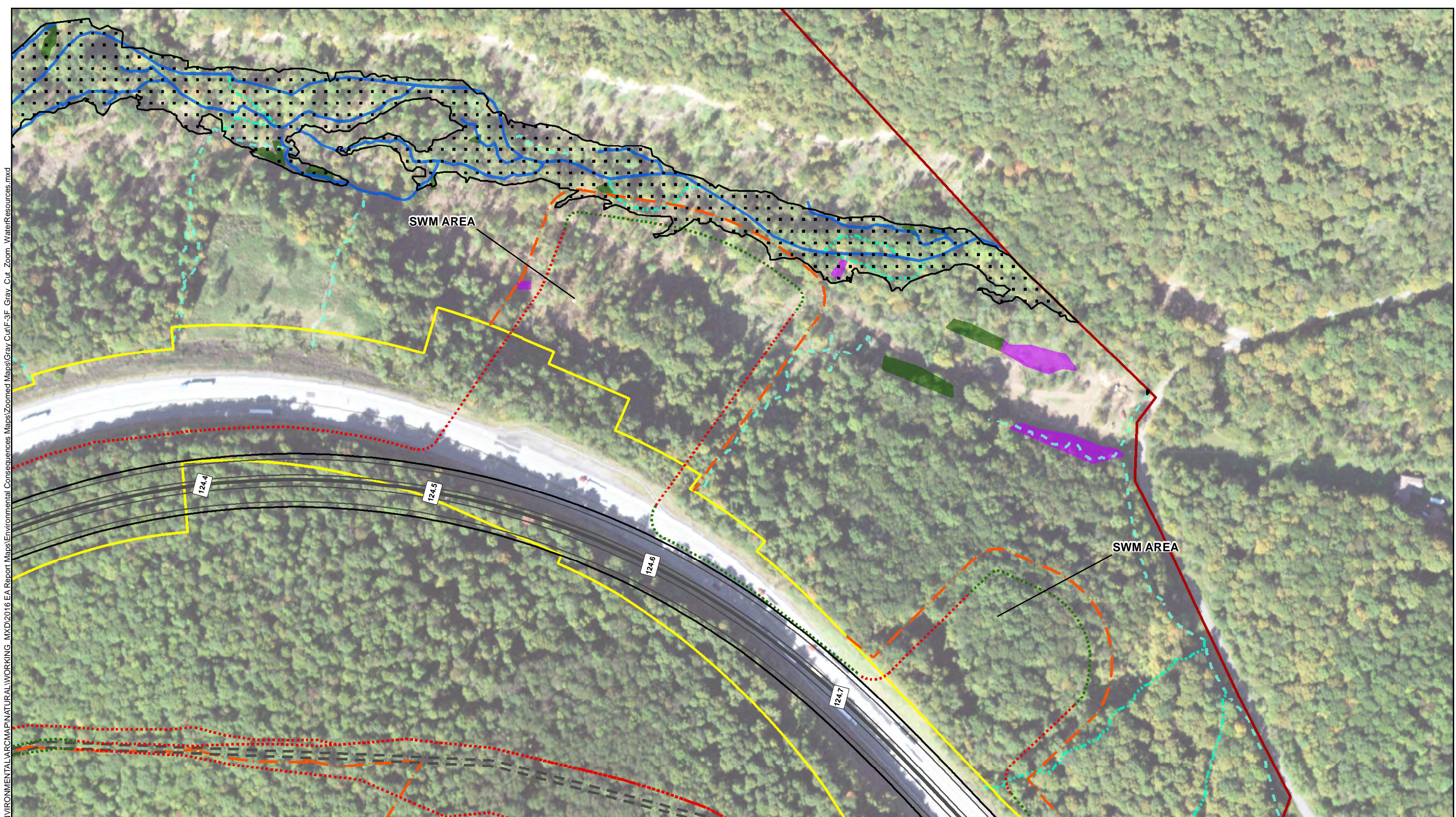
CDI L.R. Kimball


Source: PASDA, FEMA

 1 inch = 200 feet

 <p>ALLEGHENY Turnpike Transportation Improvement Project</p>	TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.		<p> Study Area Boundary</p> <p> Mile Post</p> <p> Gray Cut Road Centerline</p> <p> Roadway Lane</p> <p> Roadway Shoulder</p>	<p> Existing Legal Right-of-Way</p> <p> Gray Cut Right-of-Way</p> <p> Bridge</p> <p> Wildlife Crossing Bridge</p> <p> Cut Boundary</p> <p> Fill Boundary</p>	<p> Property Access Road</p> <p> Floodplain</p> <p> Ephemeral Stream</p> <p> Intermittent Stream</p> <p> Perennial Stream</p>	<p> Gray Cut Culverted Stream</p> <p> Palustrine Emergent Wetland</p> <p> Palustrine Forested Wetland</p> <p> Palustrine Open Water Wetland</p> <p> Palustrine Scrub Shrub Wetland</p>
	Stonycreek & Allegheny	Somerset	7 of 9	F-3F					
	CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A						
	ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT								
DRAFT ENVIRONMENTAL DOCUMENT						<p> Study Area Boundary</p> <p> Mile Post</p> <p> Gray Cut Road Centerline</p> <p> Roadway Lane</p> <p> Roadway Shoulder</p>	<p> Existing Legal Right-of-Way</p> <p> Gray Cut Right-of-Way</p> <p> Bridge</p> <p> Wildlife Crossing Bridge</p> <p> Cut Boundary</p> <p> Fill Boundary</p>	<p> Property Access Road</p> <p> Floodplain</p> <p> Ephemeral Stream</p> <p> Intermittent Stream</p> <p> Perennial Stream</p>	<p> Gray Cut Culverted Stream</p> <p> Palustrine Emergent Wetland</p> <p> Palustrine Forested Wetland</p> <p> Palustrine Open Water Wetland</p> <p> Palustrine Scrub Shrub Wetland</p>
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE									

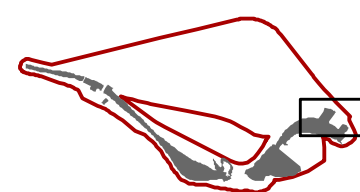
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TRANSPORTATION IMPROVEMENT PROJECT


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	8 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Gray Cut Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Gray Cut Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Property Access Road


 Floodplain


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream


 Gray Cut Culverted Stream

 Palustrine Emergent Wetland


 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland



Pennsylvania Turnpike Commission



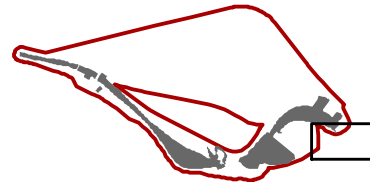
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N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	9 of 9	F-3F
CREATED ON: 6/30/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY CUT ALTERNATIVE			



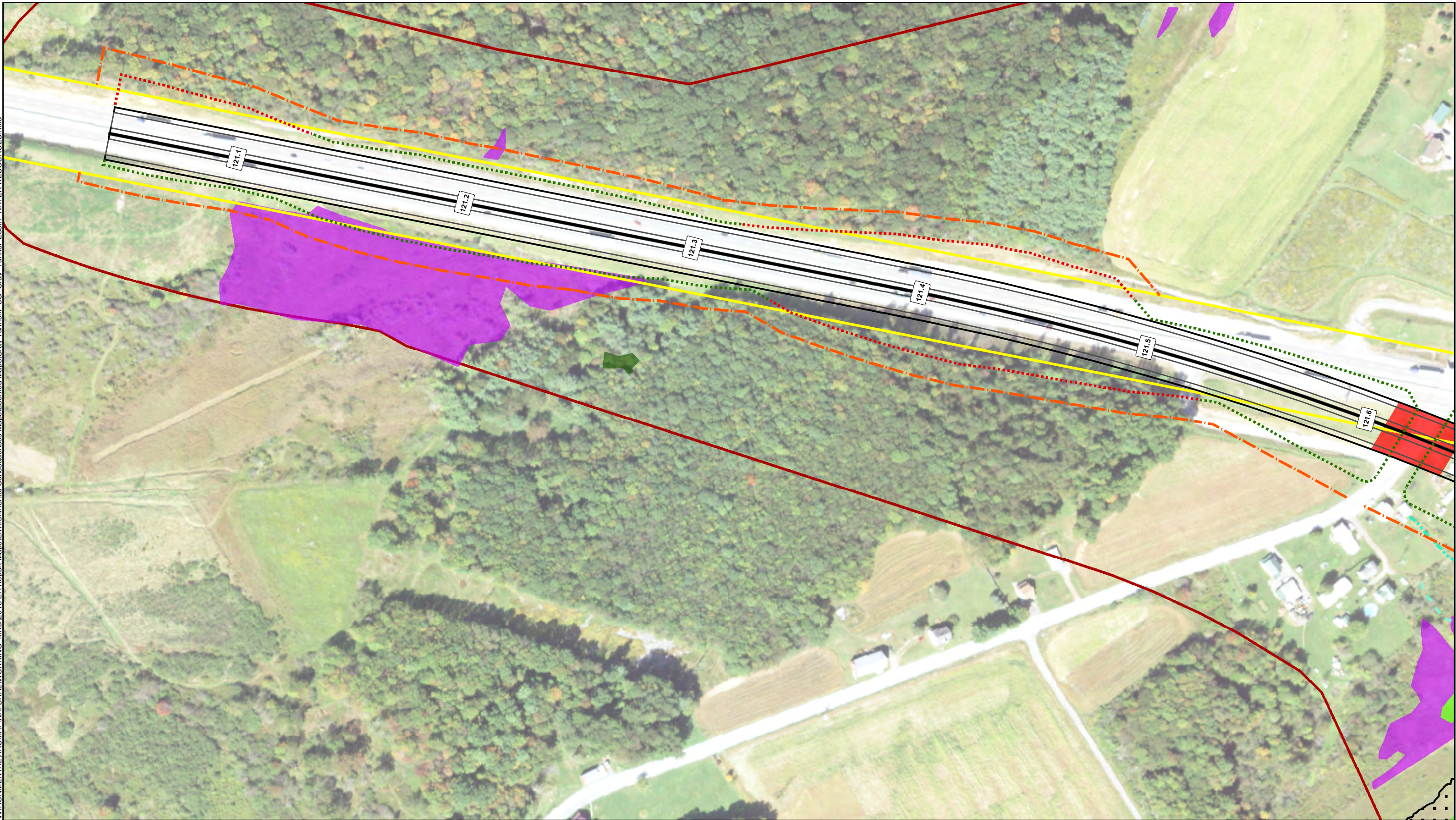
Study Area Boundary	Existing Legal Right-of-Way	Property Access Road	Gray Cut Culverted Stream
Mile Post	Gray Cut Right-of-Way	Floodplain	Palustrine Emergent Wetland
Gray Cut Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		



Source:
PASDA, FEMA

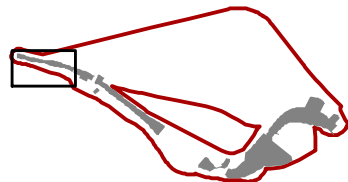
**Figure F-3G - Gray Tunnel Alternative
Wetlands, Surface Water Resources, and Floodplains**

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1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	1 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



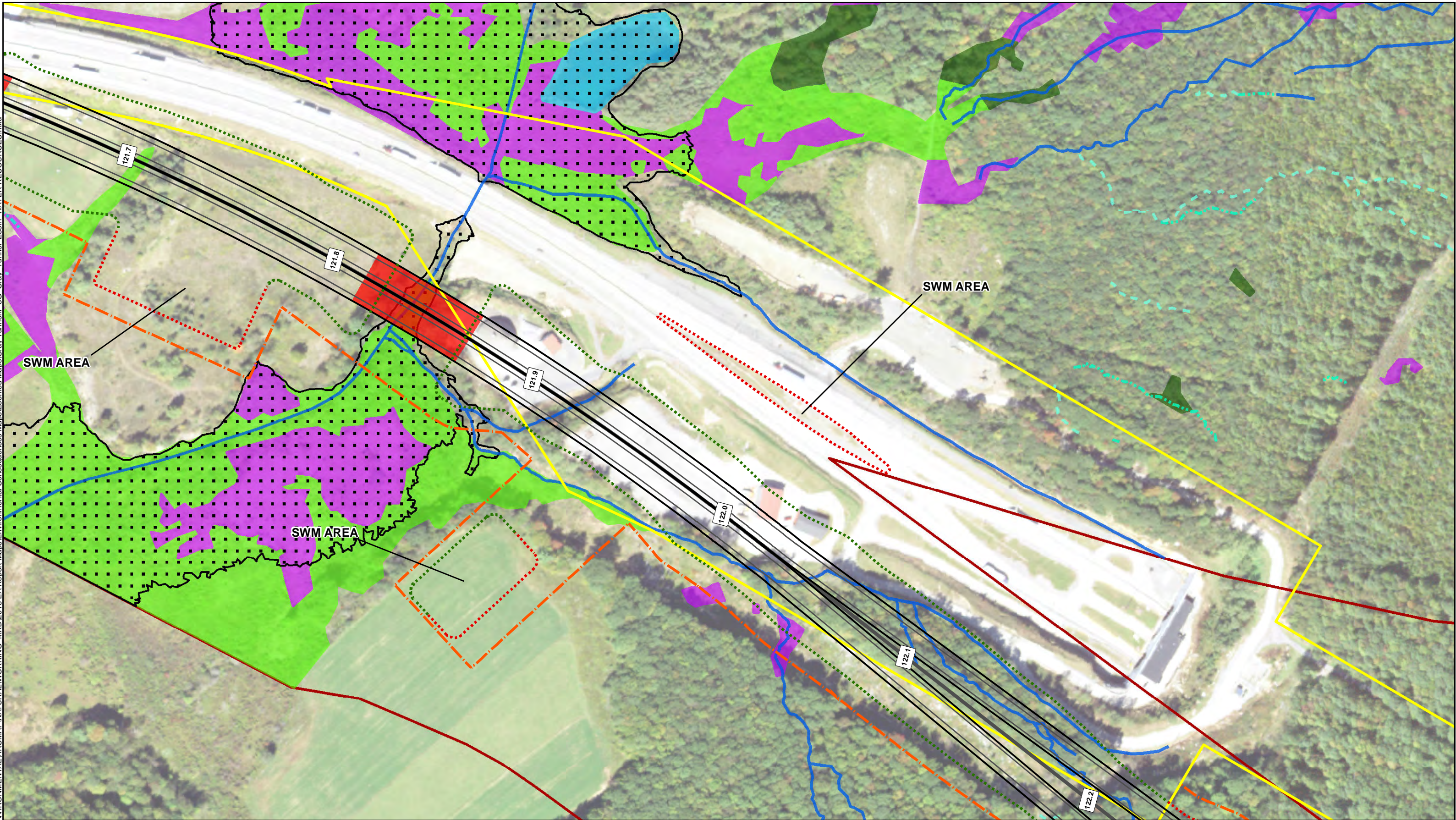
Study Area Boundary	Existing Legal Right-of-Way	Floodplain	Property Access Road
Mile Post	Gray Tunnel Right-of-Way	Tunnel	Palustrine Emergent Wetland
Gray Tunnel Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		

Pennsylvania Turnpike Commission

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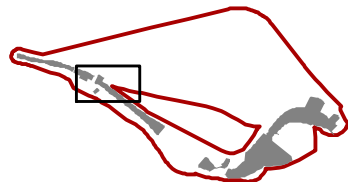
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1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	2 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



- Study Area Boundary
- Mile Post
- Gray Tunnel Road Centerline
- Roadway Lane
- Roadway Shoulder

- Existing Legal Right-of-Way
- Gray Tunnel Right-of-Way
- Bridge
- Wildlife Crossing Bridge
- Cut Boundary
- Fill Boundary

- Floodplain
- Tunnel
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Property Access Road
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Open Water Wetland
- Palustrine Scrub Shrub Wetland



Pennsylvania Turnpike Commission



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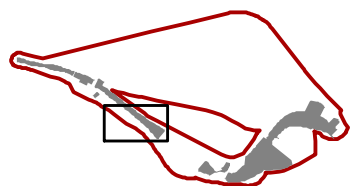
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1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	3 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



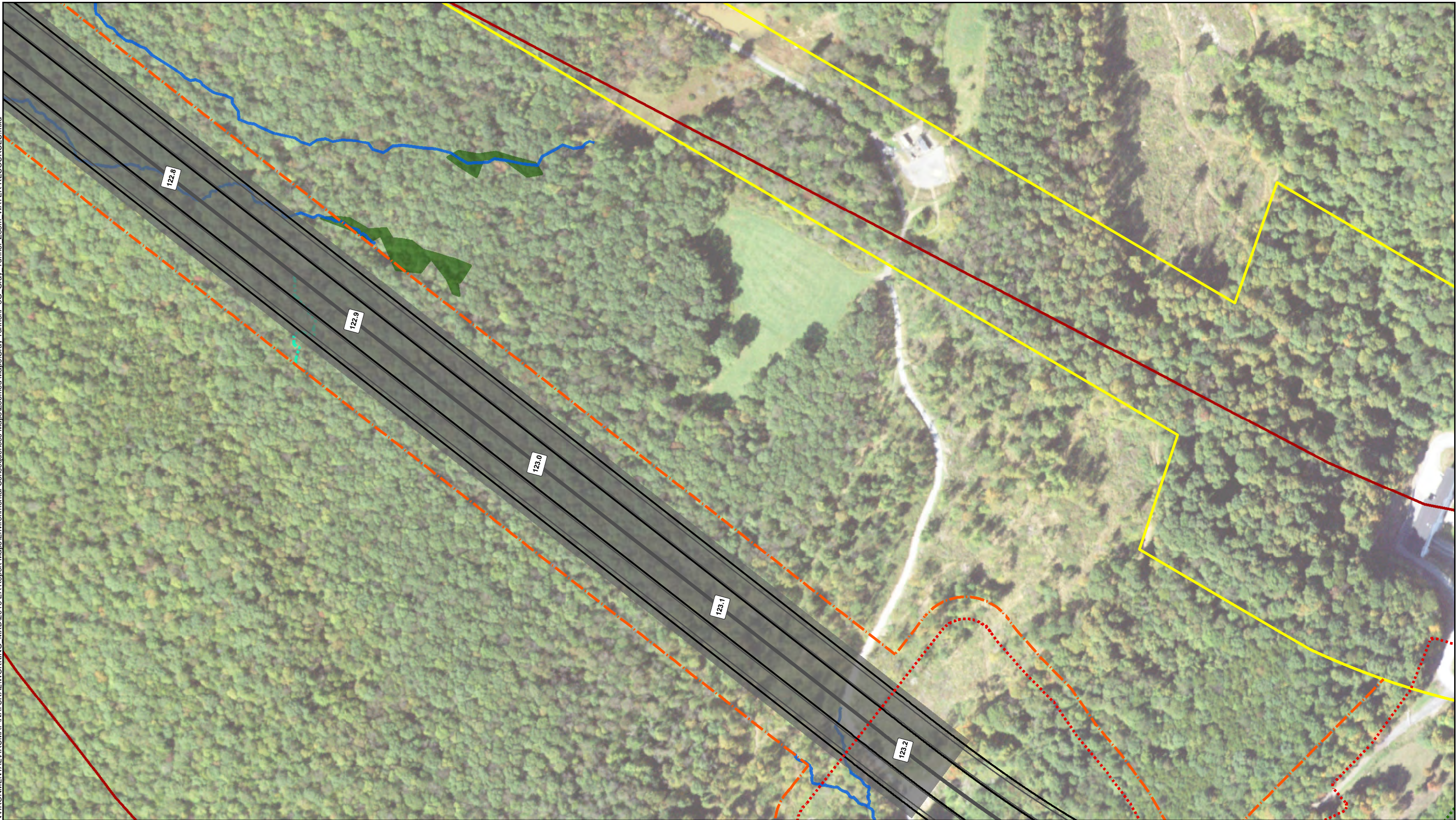
Study Area Boundary	Existing Legal Right-of-Way	Floodplain	Property Access Road
Mile Post	Gray Tunnel Right-of-Way	Tunnel	Palustrine Emergent Wetland
Gray Tunnel Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		

Pennsylvania Turnpike Commission

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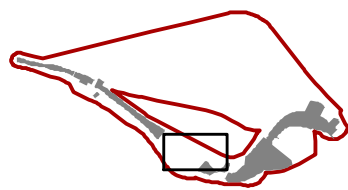
Source: PASDA, FEMA

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N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	4 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



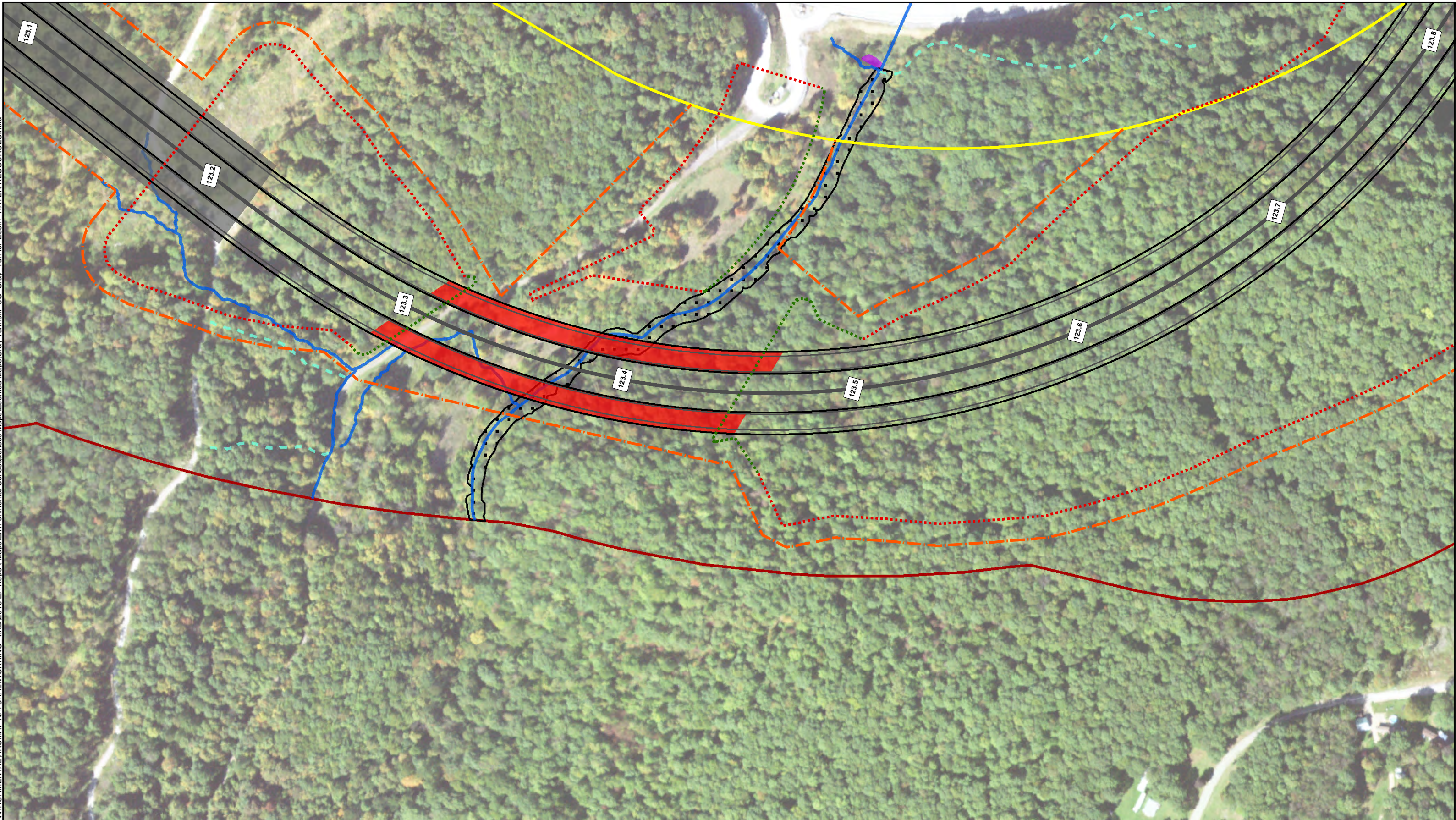
Study Area Boundary	Existing Legal Right-of-Way	Floodplain	Property Access Road
Mile Post	Gray Tunnel Right-of-Way	Tunnel	Palustrine Emergent Wetland
Gray Tunnel Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		

Pennsylvania Turnpike Commission

CDI L.R. Kimball

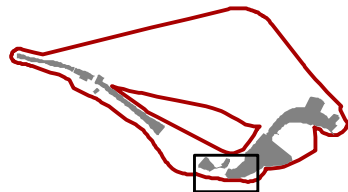
Source:
PASDA, FEMA

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N
1 inch = 200 feet

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	5 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



- Study Area Boundary
- Mile Post
- Gray Tunnel Road Centerline
- Roadway Lane
- Roadway Shoulder

- Existing Legal Right-of-Way
- Gray Tunnel Right-of-Way
- Bridge
- Wildlife Crossing Bridge
- Cut Boundary
- Fill Boundary


- Floodplain
- Tunnel
- Ephemeral Stream
- Intermittent Stream
- Perennial Stream
- Property Access Road
- Palustrine Emergent Wetland
- Palustrine Forested Wetland
- Palustrine Open Water Wetland
- Palustrine Scrub Shrub Wetland

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Source:
PASDA, FEMA






Allegheny Tunnel
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	6 of 9	F-3G
CREATED ON: 6/17/2020		REVISION 1: N/A	
		REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			



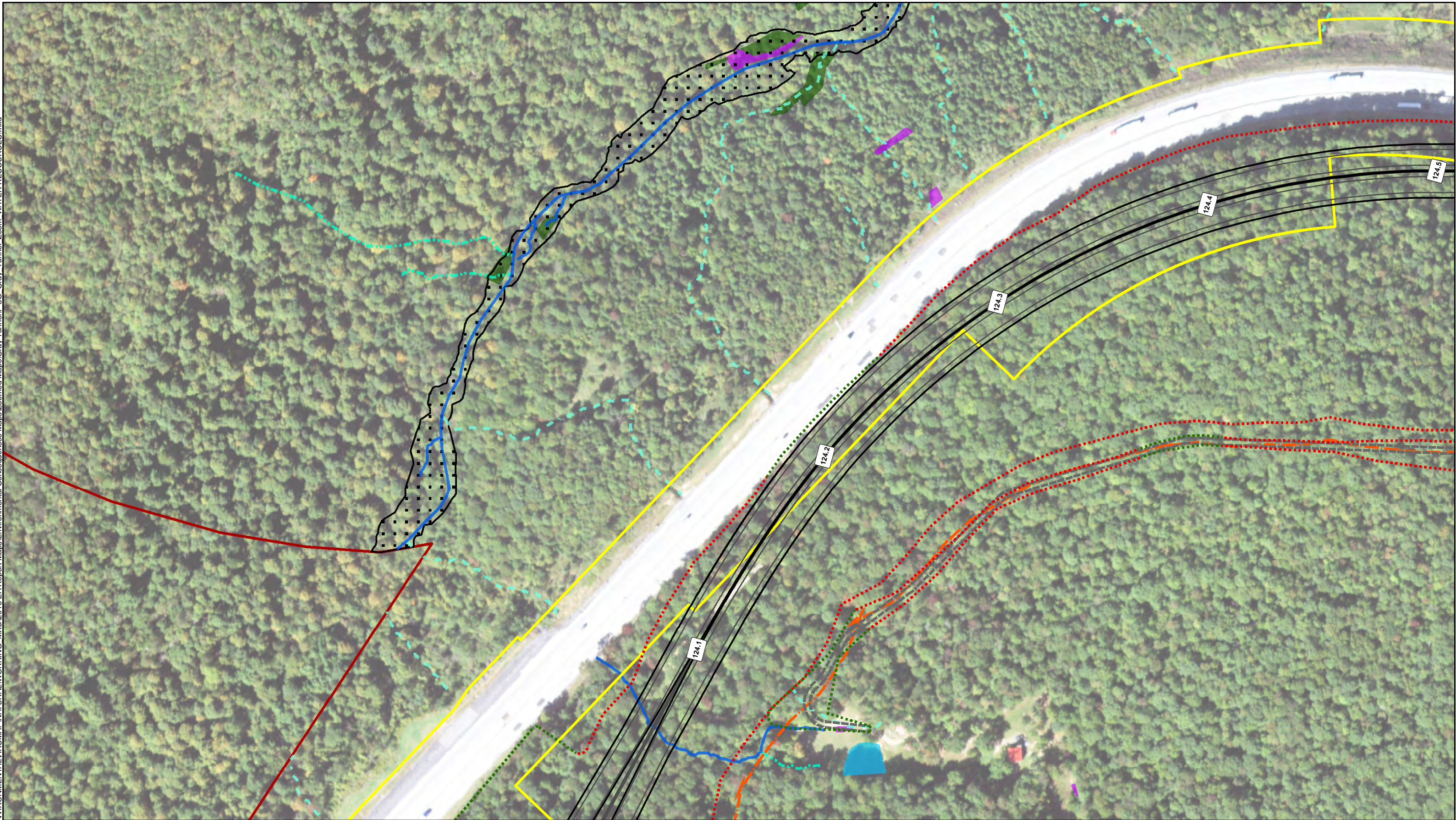
Study Area Boundary	Existing Legal Right-of-Way	Floodplain	Property Access Road
Mile Post	Gray Tunnel Right-of-Way	Tunnel	Palustrine Emergent Wetland
Gray Tunnel Road Centerline	Bridge	Ephemeral Stream	Palustrine Forested Wetland
Roadway Lane	Wildlife Crossing Bridge	Intermittent Stream	Palustrine Open Water Wetland
Roadway Shoulder	Cut Boundary	Perennial Stream	Palustrine Scrub Shrub Wetland
	Fill Boundary		



Source:
PASDA, FEMA

1 inch = 200 feet

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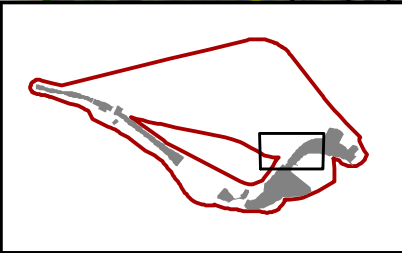



Transportation Improvement Project


N


1 inch = 200 feet


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	7 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			





 Study Area Boundary


 Mile Post


 Gray Tunnel Road Centerline


 Roadway Lane


 Roadway Shoulder


 Existing Legal Right-of-Way


 Gray Tunnel Right-of-Way


 Bridge


 Wildlife Crossing Bridge


 Cut Boundary


 Fill Boundary


 Floodplain


 Tunnel


 Ephemeral Stream


 Intermittent Stream


 Perennial Stream


 Property Access Road


 Palustrine Emergent Wetland

 Palustrine Forested Wetland

 Palustrine Open Water Wetland

 Palustrine Scrub Shrub Wetland


 Pennsylvania Turnpike Commission

 L.R. Kimball

Source: PASDA, FEMA


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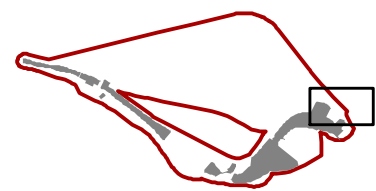























Transportation Improvement Project


TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	8 of 9	F-3G
CREATED ON: 6/17/2020	REVISION 1: N/A	REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			




1 inch = 200 feet



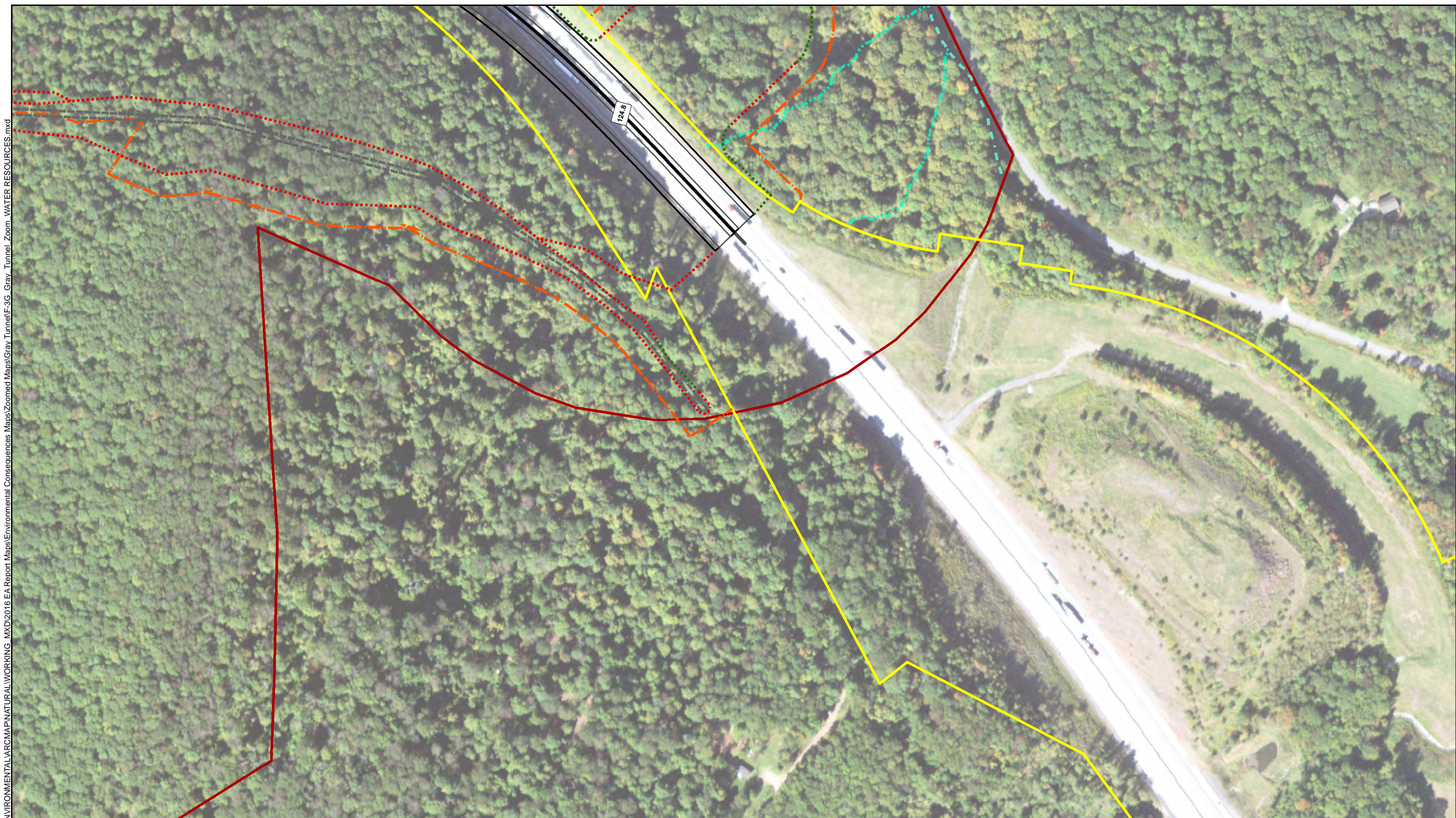
 Study Area Boundary	 Existing Legal Right-of-Way	 Floodplain	 Property Access Road
 Mile Post	 Gray Tunnel Right-of-Way	 Tunnel	 Palustrine Emergent Wetland
 Gray Tunnel Road Centerline	 Bridge	 Ephemeral Stream	 Palustrine Forested Wetland
 Roadway Lane	 Wildlife Crossing Bridge	 Intermittent Stream	 Palustrine Open Water Wetland
 Roadway Shoulder	 Cut Boundary	 Perennial Stream	 Palustrine Scrub Shrub Wetland
	 Fill Boundary		

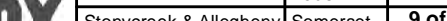


Pennsylvania Turnpike Commission




Source: PASDA, FEMA






Allegheny Tunnel
Transportation Improvement Project

TOWNSHIP	COUNTY	SHEET NO.	FIGURE NO.
Stonycreek & Allegheny	Somerset	9 of 9	F-3G
CREATED ON: 6/17/2020		REVISION 1: N/A	
		REVISION 2: N/A	
ALLEGHENY TUNNEL TRANSPORTATION IMPROVEMENT PROJECT			
DRAFT ENVIRONMENTAL DOCUMENT			
WETLANDS, SURFACE WATER RESOURCES AND FLOODPLAINS - GRAY TUNNEL ALTERNATIVE			




<ul style="list-style-type: none"> Study Area Boundary Mile Post Gray Tunnel Road Centerline Roadway Lane Roadway Shoulder 	<ul style="list-style-type: none"> Existing Legal Right-of-Way Gray Tunnel Right-of-Way Bridge Wildlife Crossing Bridge Cut Boundary Fill Boundary
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<ul style="list-style-type: none"> Floodplain Tunnel Ephemeral Stream Intermittent Stream Perennial Stream 	<ul style="list-style-type: none"> Property Access Road Palustrine Emergent Wetland Palustrine Forested Wetland Palustrine Open Water Wetland Palustrine Scrub Shrub Wetland
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1 inch = 200 feet



Pennsylvania Turnpike Commission



CDI L.R. Kimball

Source:
PASDA, FEMA