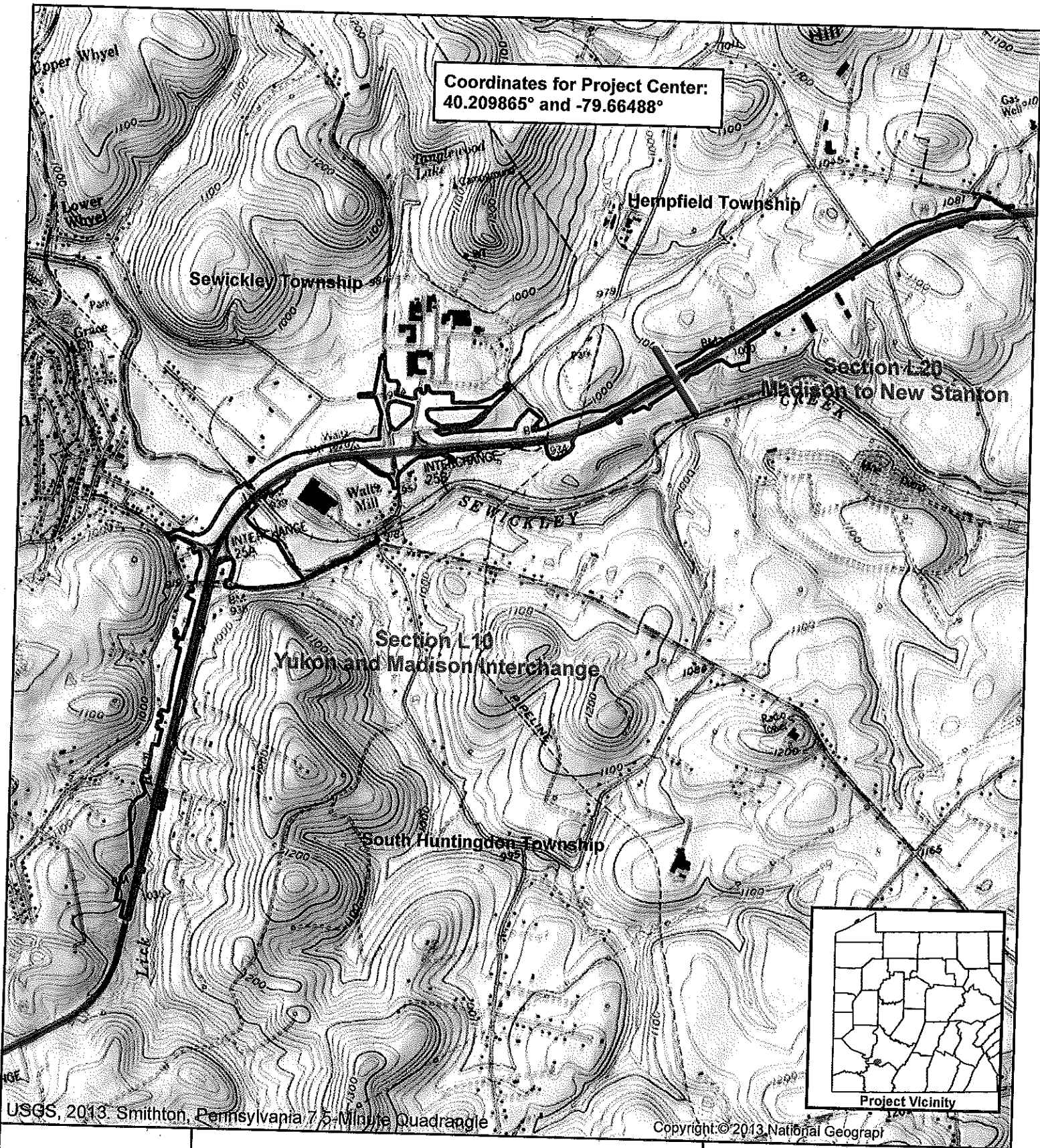


Coordinates for Project Center:  
40.209865° and -79.66488°



USGS, 2013 Smithton, Pennsylvania 7.5-Minute Quadrangle

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0 1,000 2,000 4,000 Feet

DRAWN BY:

mil

**FIGURE 1**  
**LOCATION MAP**

Pennsylvania Department of Transportation  
SR 0070 Section L10, L20  
I-70 Yukon and Madison Interchange (L10) &  
I-70 Gap Section (L20)  
Sewickley, South Huntingdon  
and Hempfield Townships  
Westmoreland County  
Federal Project No. X125-243  
MPMS 31895 & 32015

DATE:

September 2018

PROJECT NUMBER:

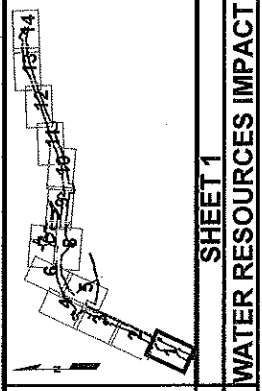
60559135

Activity: 623+21.7  
 Watercourse: S-MRK-007  
 Classification: INT  
 Temporary Impact: 265 feet  
 Lat 40.196527  
 Long -79.684869

Activity: 623+21.7  
 Watercourse: S-MRK-007  
 Classification: INT  
 Permanent Impact: 198 feet  
 Lat 40.196527  
 Long -79.684869

Match to Sheet 2

Pennsylvania Department of Transportation  
 SR 0070 Sections L10, L20  
 I-70 Yukon and Madison Interchanges Project  
 I-70 Gap Section Project  
 Sewickley, South Huntingdon  
 and Hempfield Townships  
 Westmoreland County  
 MPMS 31895 and MPMS 32015



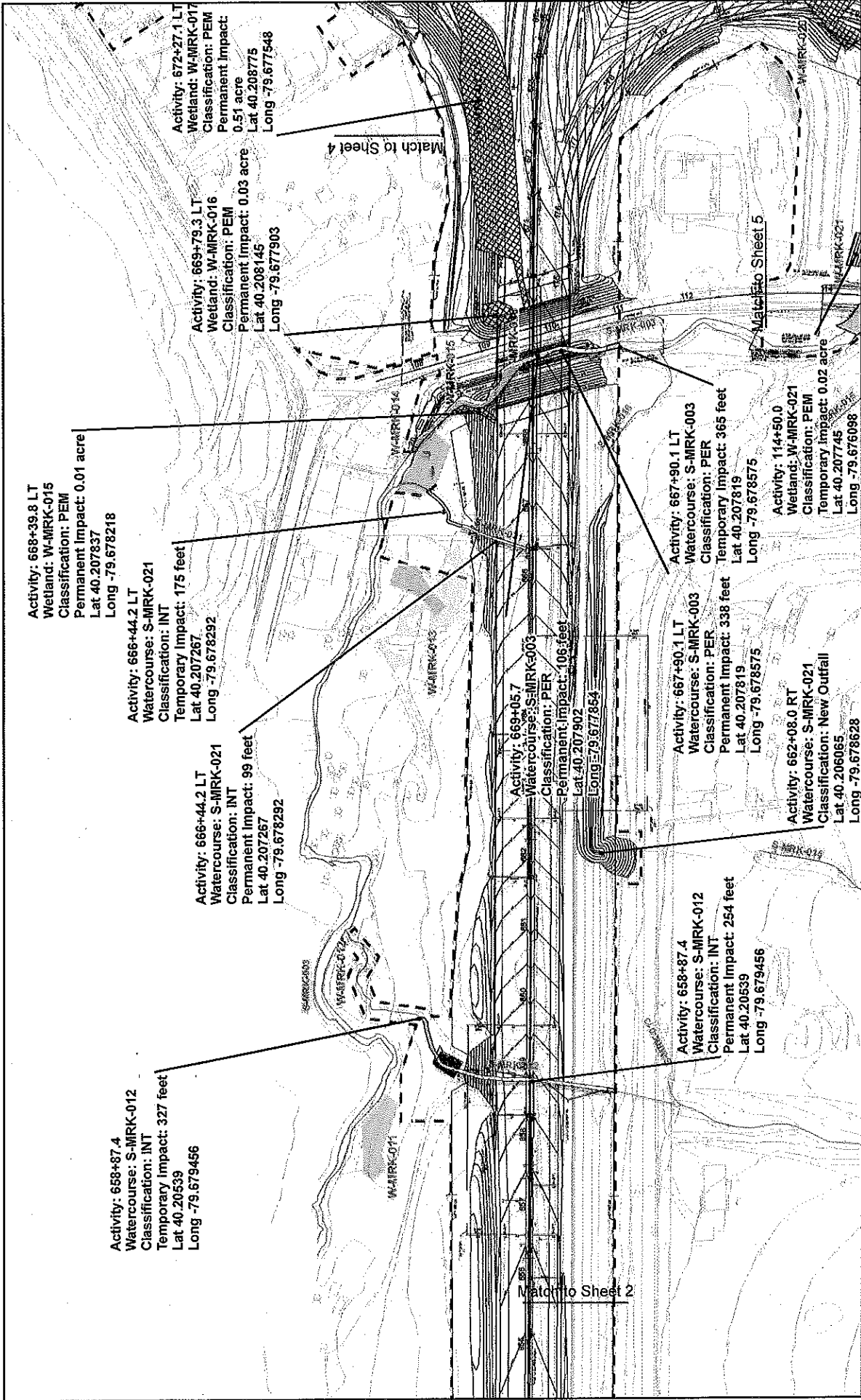
DATE: October 2018  
 PROJECT NUMBER: 60559135

<b>SHEET 1</b>		<b>WATER RESOURCES IMPACT</b>	
200	100	0	200
			Feet
DRAWN BY: <b>TM</b>			

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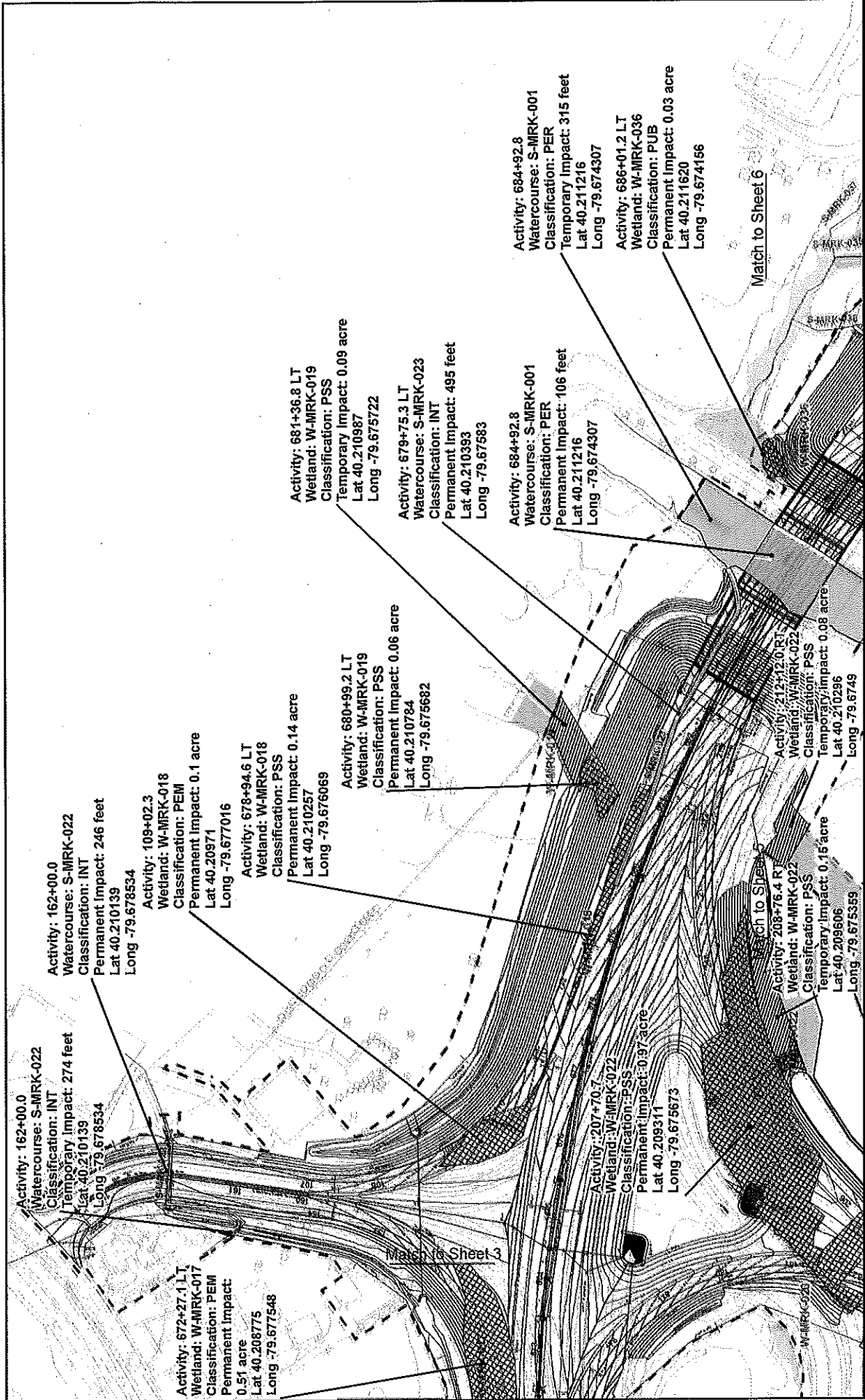


Pennsylvania Department of Transportation  
SR 0070 Sections L10, L20  
I-70 Yukon and Madison Interchanges Project  
I-70 Gap Section Project  
Sewickley, South Huntingdon  
and Hempfield Townships  
Westmoreland County  
MPMS 31895 and MPMS 32015

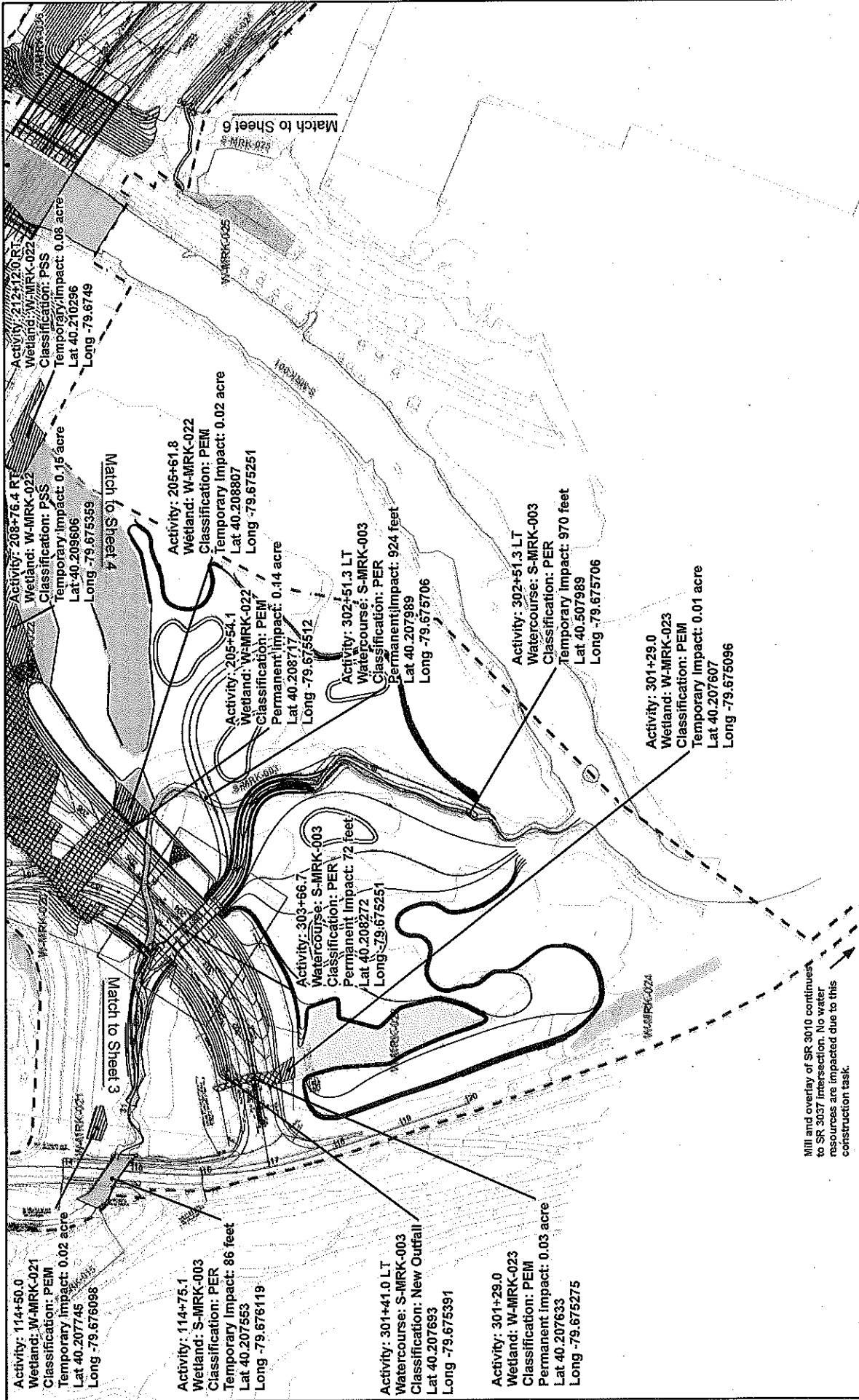
	<b>SHEET 3</b>	<b>WATER RESOURCES IMPACT</b>	<b>PROJECT NUMBER:</b>
DRAWN BY:	DATE:	October 2018	60559135
mll			

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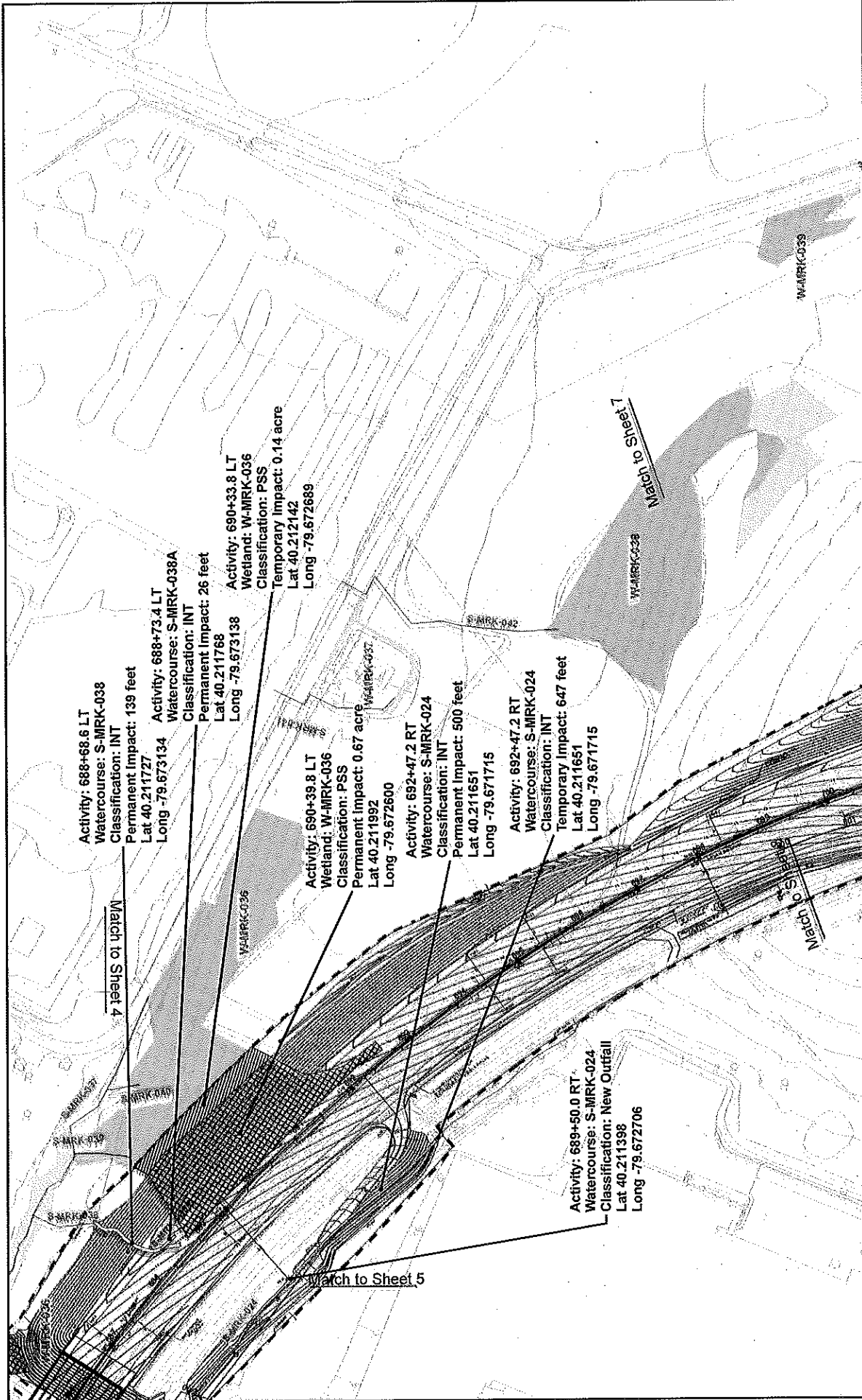
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	DRAWN BY: mll		PROJECT NUMBER: 60559135
	SHEET 4		
<b>AECOM</b> 707 Grant Street 5th Floor Pittsburgh, PA 15219 412.395.8888 tel 412.395.8897 fax WWW.AECOM.COM		<b>WATER RESOURCES IMPACT</b> Pennsylvania Department of Transportation SR 0070 Sections L10, L20 I-70 Yukon and Madison Interchanges Project I-70 Gap Section Project Sewickley, South Huntingdon and Hempfield Townships Westmoreland County MPMS 31695 and MPMS 32015	
200 100 0 200 Feet 		WATER RESOURCES IMPACT October 2018 60559135	



<p><b>AECOM</b> 707 Grant Street 5th Floor Pittsburgh, PA 15219 412.395.8888 tel 412.395.8897 fax WWW.AECOM.COM</p>	<p>200 100 0 200 Feet</p>	<p>DRAWN BY: mll</p>		<p><b>SHEET 5</b></p>	<p><b>WATER RESOURCES IMPACT</b></p>	<p>PROJECT NUMBER: 60559135</p>
				<p>DATE: October 2018</p>	<p>           Pennsylvania Department of Transportation            SR 0070 Sections L10, L20            I-70 Yukon and Madison Interchanges Project            I-70 Gap Section Project            Sewickley, South Huntingdon            and Hempfield Townships            Westmoreland County            MPMS 31895 and MPMS 32015         </p>	



Activity: 688+66.6 LT  
 Watercourse: S-MRK-038  
 Classification: INT  
 Permanent Impact: 139 feet  
 Lat 40.211727  
 Long -79.673134  
 Activity: 688+73.4 LT  
 Watercourse: S-MRK-038A  
 Classification: INT  
 Permanent Impact: 26 feet  
 Lat 40.211768  
 Long -79.673138

Activity: 690+33.8 LT  
 Wetland: W-MRK-036  
 Classification: PSS  
 Temporary Impact: 0.14 acre  
 Lat 40.212142  
 Long -79.672689

Activity: 690+39.8 LT  
 Wetland: W-MRK-036  
 Classification: PSS  
 Permanent Impact: 0.67 acre  
 Lat 40.211992  
 Long -79.672600

Activity: 692+47.2 RT  
 Watercourse: S-MRK-024  
 Classification: INT  
 Permanent Impact: 500 feet  
 Lat 40.211651  
 Long -79.671715

Activity: 692+47.2 RT  
 Watercourse: S-MRK-024  
 Classification: INT  
 Temporary Impact: 647 feet  
 Lat 40.211651  
 Long -79.671715

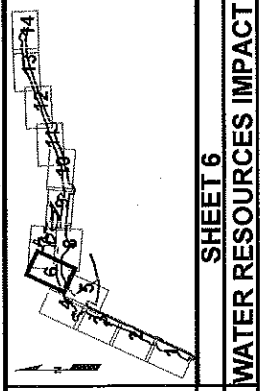
Activity: 689+50.0 RT  
 Watercourse: S-MRK-024  
 Classification: New Outfall  
 Lat 40.211398  
 Long -79.672706

- WATERCOURSE
- WETLAND -PEM
- WETLAND -PSS
- WETLAND -PFO
- WETLAND -PUB
- NPDES PERMIT BOUNDARY
- WATERCOURSE PERMANENT IMPACT
- WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts)
- WETLAND TEMPORARY IMPACT
- WETLAND PERMANENT IMPACT



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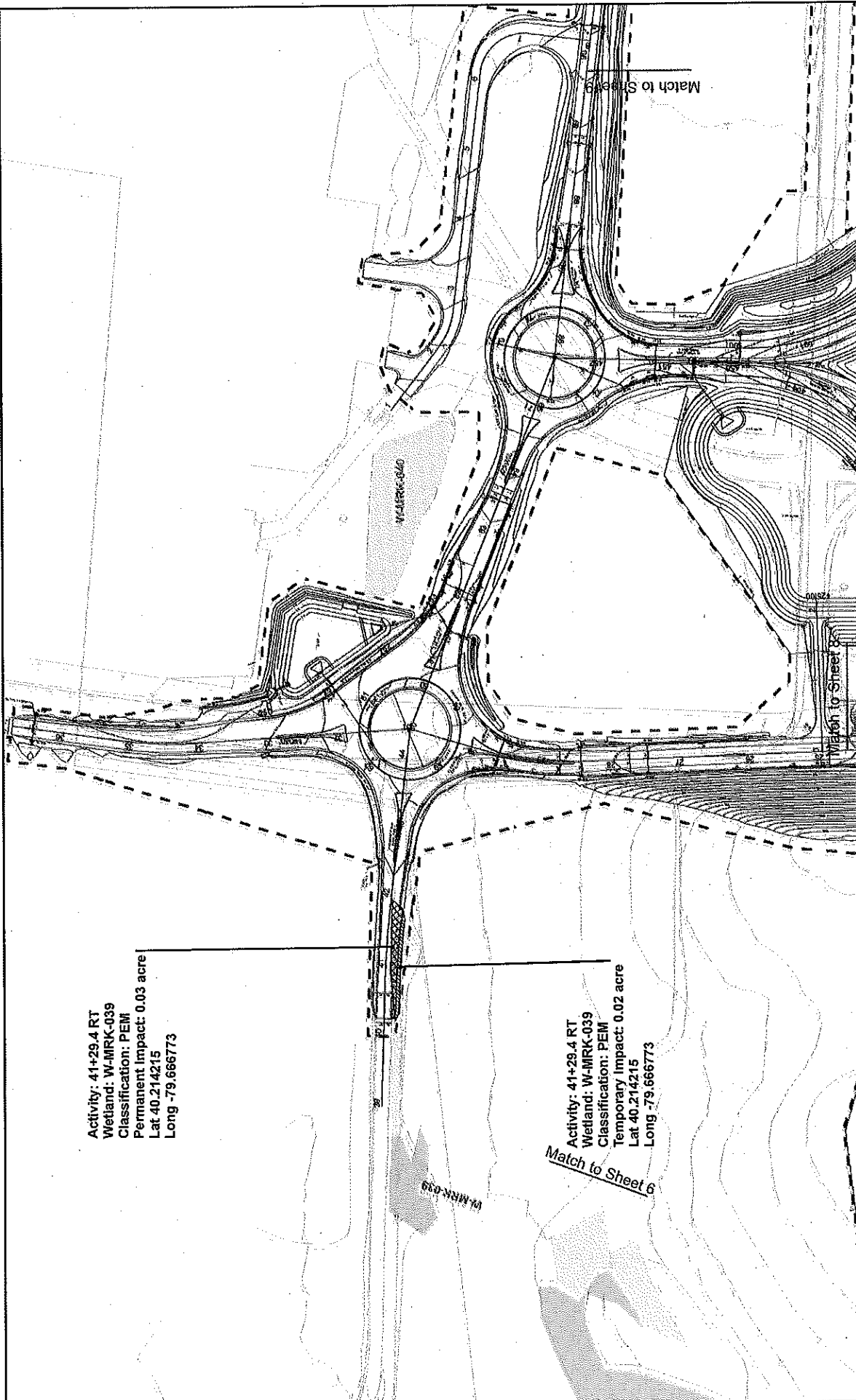
Pennsylvania Department of Transportation  
 SR 0070 Sections L10, L20  
 I-70 Yukon and Madison Interchanges Project  
 I-70 Gap Section Project  
 Sewickley, South Huntingdon  
 and Hempfield Townships  
 Westmoreland County  
 MPMS 31895 and MPMS 32015



DATE: October 2018

PROJECT NUMBER: 60559135

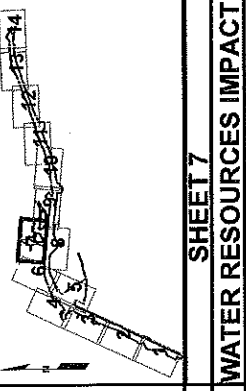
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Activity: 41+29.4 RT  
 Wetland: W-MRK-039  
 Classification: PEM  
 Permanent Impact: 0.03 acre  
 Lat. 40.214215  
 Long -79.666773

Activity: 41+29.4 RT  
 Wetland: W-MRK-039  
 Classification: PEM  
 Temporary Impact: 0.02 acre  
 Lat. 40.214215  
 Long -79.666773

Pennsylvania Department of Transportation  
 SR 0070 Sections L10, L20  
 I-70 Yukon and Madison Interchanges Project  
 I-70 Gap Section Project  
 Sewickley, South Huntingdon  
 and Hempfield Townships  
 Westmoreland County  
 MPMS 31895 and MPMS 32015

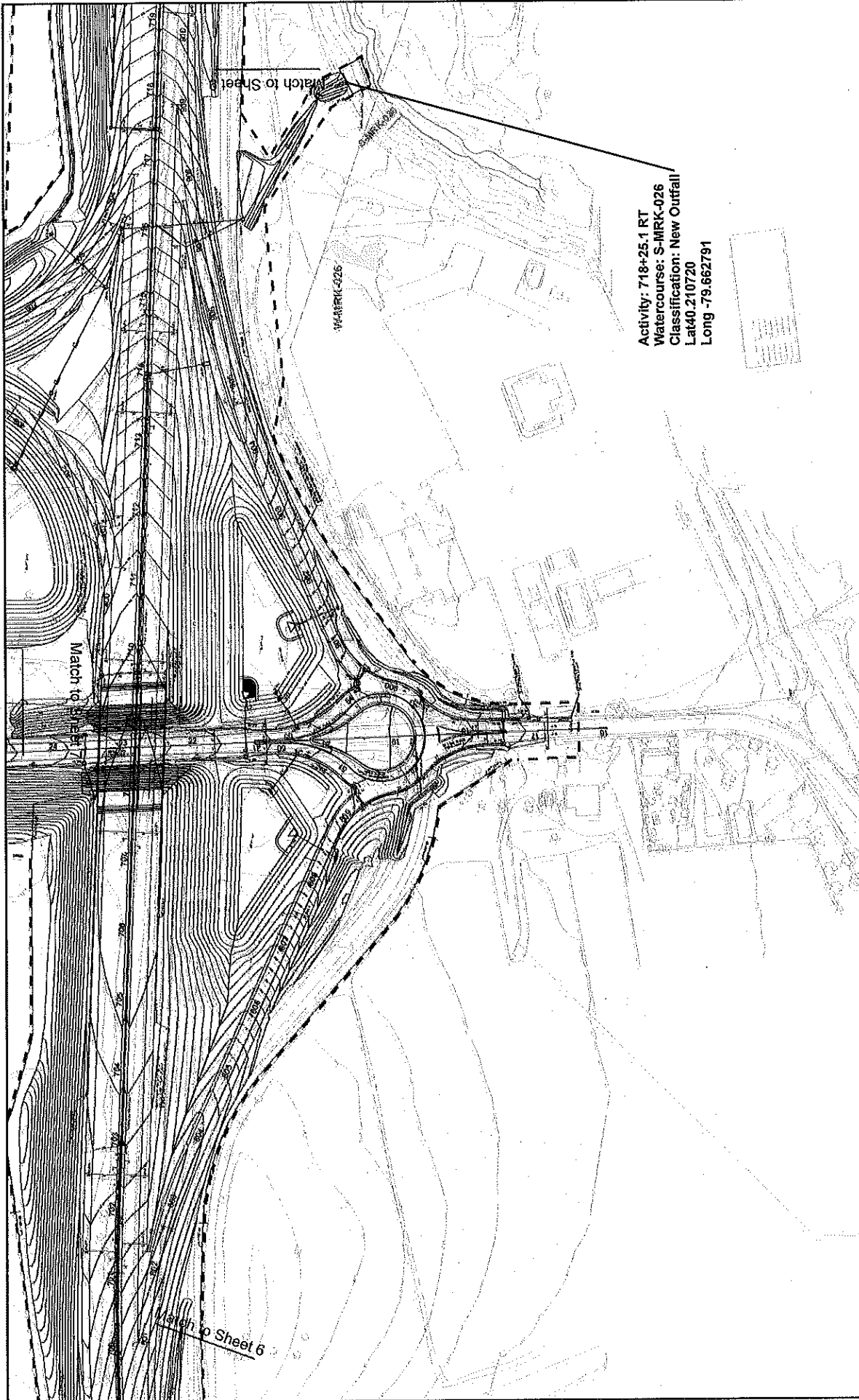


DATE: October 2018  
 PROJECT NUMBER: 60559135

<b>SHEET 7</b>	
<b>WATER RESOURCES IMPACT</b>	<b>WATER RESOURCES IMPACT</b>
DRAWN BY: mjl	DRAWN BY: mjl
200 100 0 200 Feet	200 100 0 200 Feet

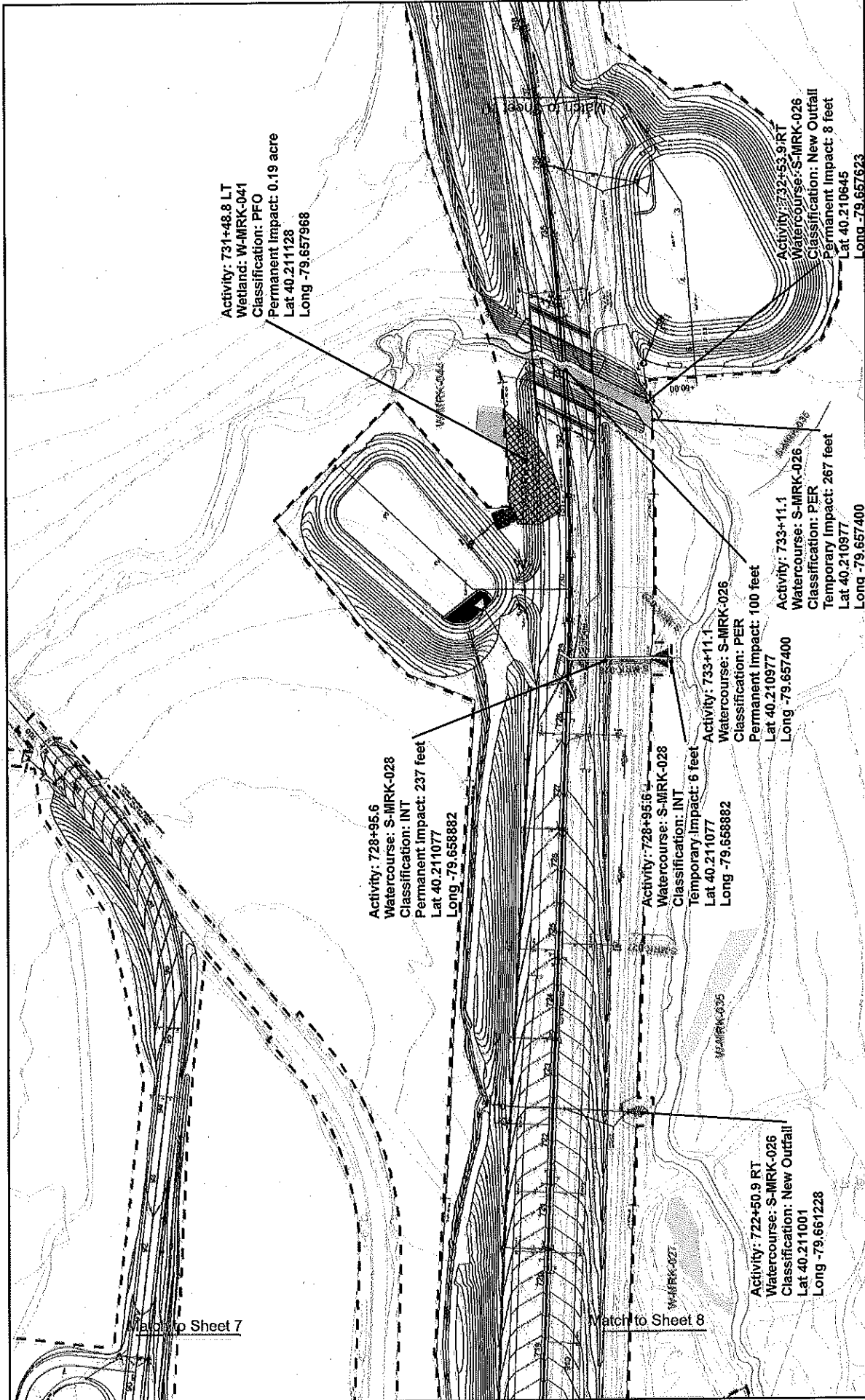
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Activity: 718+25.1 RT  
 Watercourse: S-MRK-026  
 Classification: New Outfall  
 Lat40.210720  
 Long -79.662791

<p><b>AECOM</b>        707 Grant Street        5th Floor        Pittsburgh, PA 15219        412.395.8888 tel        412.395.8897 fax        WWW.AECOM.COM</p>	<p>WATERCOURSE PERMANENT IMPACT        WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts)        WETLAND -PEM        WETLAND -PSS        WETLAND -PFO        WETLAND -PUB        NPDES PERMIT BOUNDARY</p>			<p>DRAWN BY: mll</p>	<p><b>SHEET 8</b></p>		<p>Pennsylvania Department of Transportation          SR 0070 Sections L10, L20          I-70 Yukon and Madison Interchanges Project          I-70 Gap Section Project          Sewickley, South Huntingdon          and Hempfield Townships          Westmoreland County          MPMS 31895 and MPMS 32015</p>
							<p>DATE: October 2018</p>



Activity: 731+48.8 LT  
Wetland: W-MRK-041  
Classification: PFO  
Permanent Impact: 0.19 acre  
Lat 40.211128  
Long -79.657968

Activity: 728+95.6  
Watercourse: S-MRK-028  
Classification: INT  
Permanent Impact: 237 feet  
Lat 40.211077  
Long -79.658882

Activity: 728+95.6  
Watercourse: S-MRK-028  
Classification: INT  
Temporary Impact: 6 feet  
Lat 40.211077  
Long -79.658882

Activity: 733+11.1  
Watercourse: S-MRK-026  
Classification: PER  
Temporary Impact: 267 feet  
Lat 40.210977  
Long -79.657400

Activity: 733+11.1  
Watercourse: S-MRK-026  
Classification: PER  
Permanent Impact: 100 feet  
Lat 40.210977  
Long -79.657400

Activity: 722+50.9 RT  
Watercourse: S-MRK-026  
Classification: New Outfall  
Lat 40.211001  
Long -79.661228

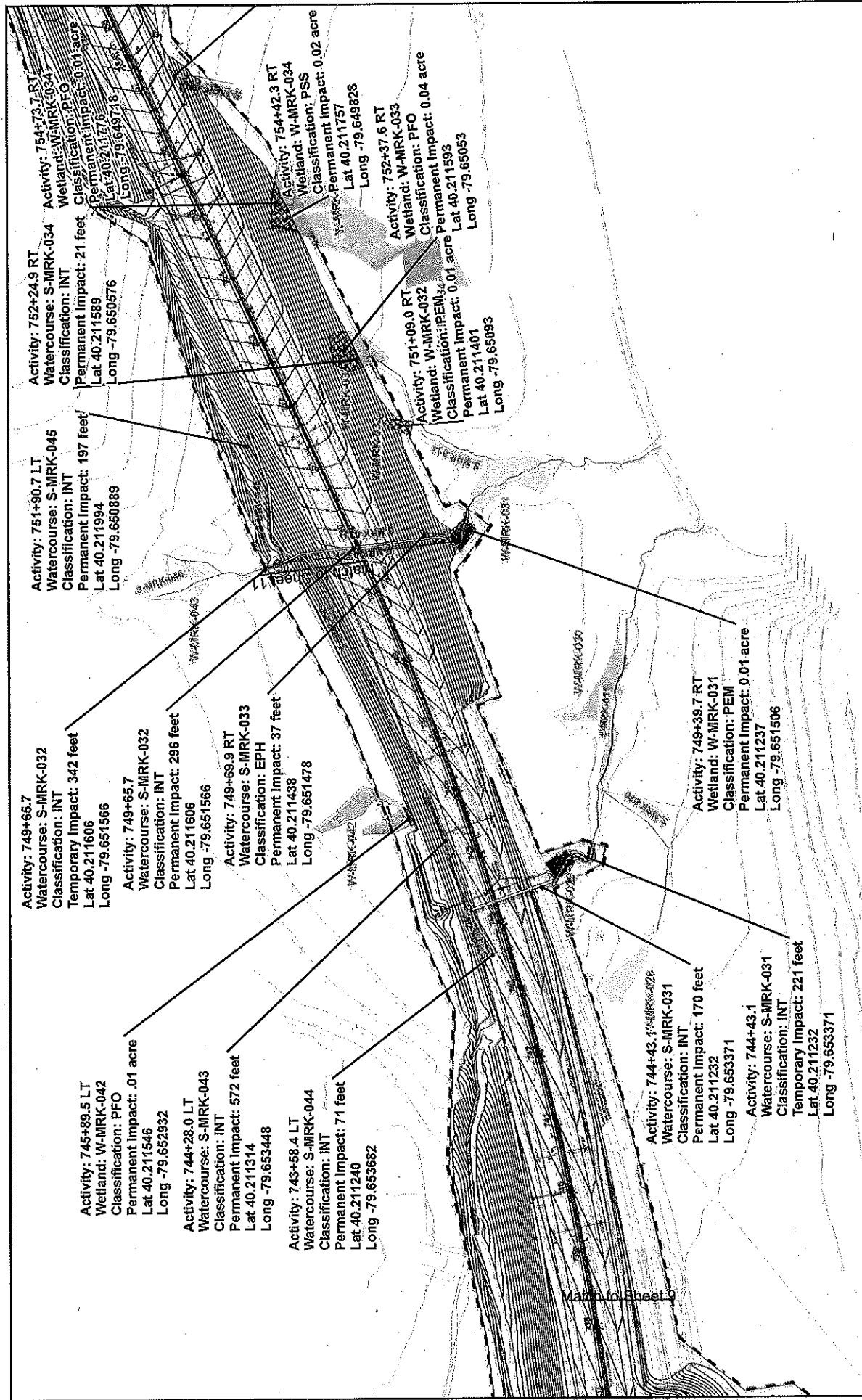
Activity: 732+53.9 RT  
Watercourse: S-MRK-026  
Classification: New Outfall  
Permanent Impact: 8 feet  
Lat 40.210645  
Long -79.657623

Match to Sheet 7

Match to Sheet 8

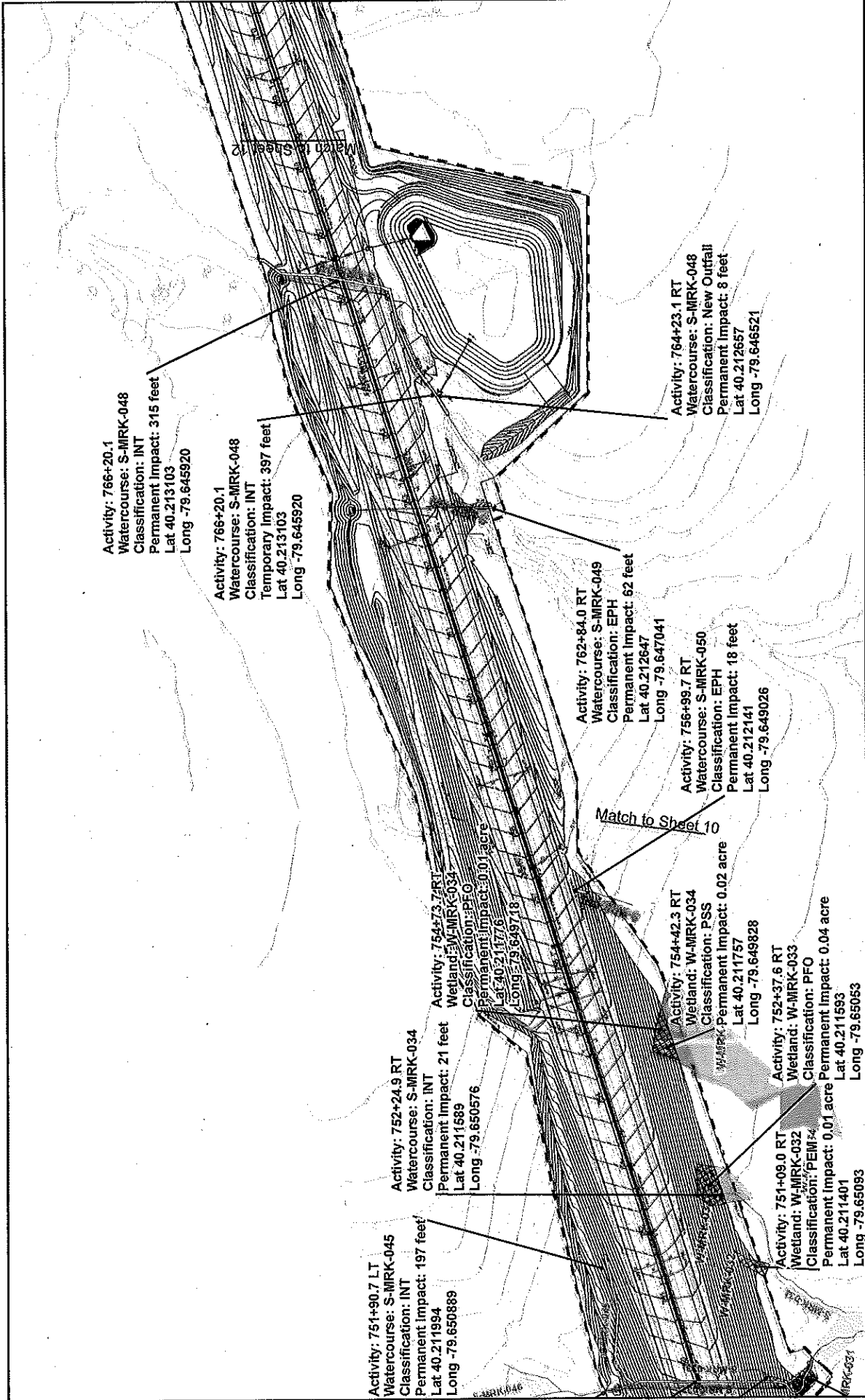
	<p>WATERCOURSE PERMANENT IMPACT WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts) WETLAND TEMPORARY IMPACT WETLAND PERMANENT IMPACT NPDES PERMIT BOUNDARY</p>		<p>DRAWN BY: mll</p>	<p><b>SHEET 9</b></p>	<p><b>WATER RESOURCES IMPACT</b></p>	<p>PROJECT NUMBER: 60559135</p>
						<p>DATE: October 2018</p>
<p>Pennsylvania Department of Transportation SR 0070 Sections L10, L20 I-70 Yukon and Madison Interchanges Project I-70 Gap Section Project Sewickley, South Huntingdon and Hempfield Townships Westmoreland County MPMS 31895 and MPMS 32015</p>						

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		DRAWN BY: MJI	<b>SHEET 10</b> <b>WATER RESOURCES IMPACT</b>	Pennsylvania Department of Transportation SR 0070 Sections L10, L20 I-70 Yukon and Madison Interchanges Project I-70 Gap Section Project Sewickley, South Huntingdon and Hempfield Townships Westmoreland County MPMS 31895 and MPMS 32015
				DATE: October 2018 PROJECT NUMBER: 60559135

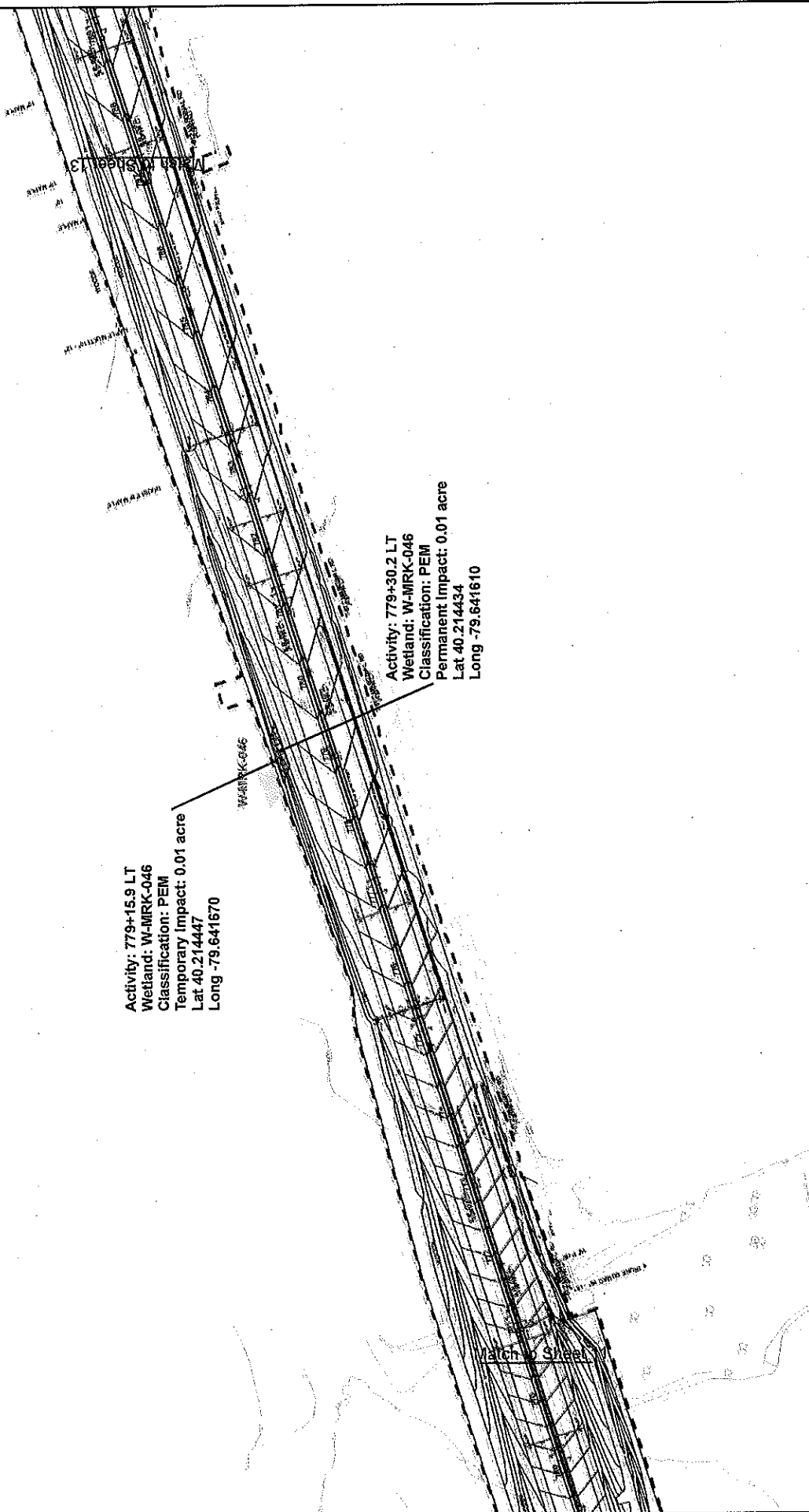
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	<b>SHEET 11</b>	<b>WATER RESOURCES IMPACT</b>	DATE: October 2018	PROJECT NUMBER: 60559135
			Pennsylvania Department of Transportation SR 0070 Sections L10, L20 I-70 Yukon and Madison Interchanges Project I-70 Gap Section Project Sewickley, South Huntingdon and Hempfield Townships Westmoreland County MPMS 31895 and MPMS 32015	


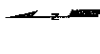
DRAWN BY:	Scale: 200 100 0 200 Feet
WATERCOURSE PERMANENT IMPACT WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts) WETLAND -PEM WETLAND -PSS WETLAND -PFO WETLAND -PUB NPDES PERMIT BOUNDARY	WATERCOURSE PERMANENT IMPACT WATERCOURSE TEMPORARY IMPACT WETLAND TEMPORARY IMPACT WETLAND PERMANENT IMPACT NPDES PERMIT BOUNDARY

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Activity: 779+15.9 LT  
 Wetland: W-MRK-046  
 Classification: PEM  
 Temporary Impact: 0.01 acre  
 Lat 40.214447  
 Long -79.641670

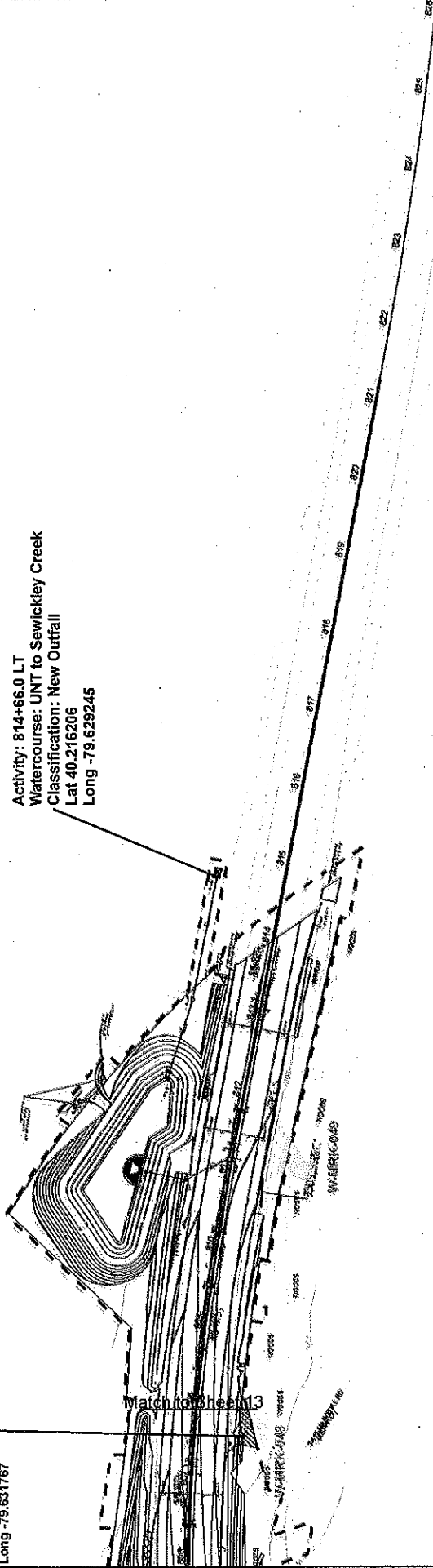
Activity: 779+30.2 LT  
 Wetland: W-MRK-046  
 Classification: PEM  
 Permanent Impact: 0.01 acre  
 Lat 40.214434  
 Long -79.641610

 <p>707 Grant Street          5th Floor          Pittsburgh, PA 15219          412.395.8888 tel          412.395.8897 fax          WWW.AECOM.COM</p>	<p>WATERCOURSE PERMANENT IMPACT</p> <p>WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts)</p> <p>WETLAND -PEM</p> <p>WETLAND -PSS</p> <p>WETLAND -PFO</p> <p>WETLAND -PUB</p> <p>NPDES PERMIT BOUNDARY</p>		<p>DRAWN BY:</p> <p>mll</p>	<p>200 100 0 200</p> <p>Feet</p>	<p><b>SHEET 12</b></p>	<p>Pennsylvania Department of Transportation          SR 0070 Sections L10, L20          I-70 Yukon and Madison Interchanges Project          I-70 Gap Section Project          Sewickley, South Huntingdon          and Hempfield Townships          Westmoreland County          MPMS 31895 and MPMS 32015</p>
						<p>DATE:</p> <p>October 2018</p>



Activity: 807+58.0 RT  
 Wetland: W-MRK-048  
 Classification: PEM  
 Temporary  
 Impact: 0.02 acre  
 Lat 40.21054  
 Long -79.631767

Activity: 814+66.0 LT  
 Watercourse: UNT to Sewickley Creek  
 Classification: New Outfall  
 Lat 40.216206  
 Long -79.629245



Match to sheet 13

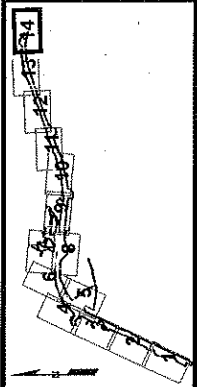
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- WATERCOURSE PERMANENT IMPACT
- WATERCOURSE TEMPORARY IMPACT (incl. perm. impacts)
- WETLAND -PEM
- WETLAND -PSS
- WETLAND -PFO
- WETLAND -PUB
- NPDES PERMIT BOUNDARY



DRAWN BY: mil



**SHEET 14**  
**WATER RESOURCES IMPACT**

Pennsylvania Department of Transportation  
 SR 0070 Sections L10, L20  
 I-70 Yukon and Madison Interchanges Project  
 I-70 Gap Section Project  
 Sewickley, South Huntingdon  
 and Hempfield Townships  
 Westmoreland County  
 MPMS 31895 and MPMS 32015

DATE: October 2018  
 PROJECT NUMBER: 60559135