Table 1. Wetland Fills

Wetland ID	Wetland Classification	Station	Approx. Center		Plan Sheet No.	Type of Impact	Wetland Size (ac)	Wetland Impact (ac)
			Longitude	Latitude				
2	PEM1	129+00	80°49'19.64"W	39°43'04.92"N	3	FILL	0.027	0.027
4	PSS1	170+00	80°49'38.59"W	39°43'40.88"N	6	FILL	0.198	0.198
5	PEM1/PF01	280+50	80°51'04.88"W	39°45'07.50"N	9	FILL	0.345	0.345
6	PF01	306+50	80°51'24.09"W	39°45'28.22"N	10	FILL	0.315	0.020
7	PEM1/PF01	371+00	80°51'20.12"W	39°46'30.04"N	11	FILL	4.217	3.170
						TOTAL	5.102	3.76

Wetland No. 7 has 1.20 acres of forested impacts and 1.97 acres of emergent impacts.

Wetland No. 5 has 0.22 acres of forested impacts and 0.125 acres of emergent impacts.

Table 2. Stream Fills

Stream Name	Stream Classification	Station	Plan Sheet No.	Project Centerline Location (Lat/Long)	Type of Impact	Stream Impact Length (ft)*	Area of Impact (acres)**	Fill Below OHW (CY**)
1	Ephemeral	115+50	2	39°42'51.88"N/80°49' 20.10"W	Culvert Crossing	309	0.082	174
		1+25		39°42'50.70"N/80°49'24.31"W				
2 - Dry Run	Lower Perennial	135+00	4	39°43'13.39"N/80°49'21.82"W	Culvert Crossing	258	0.120	356
3 - Beaver Run	Lower Perennial	161+50	6	39°43'36.92"N/80°49'31.33W	Culvert Crossing	400	0.119	433
4	Intermittent	181+50	7	39°43'50.94N/80°49'48.84"W	Culvert Crossing	464	0.099	231
5	Ephemeral	241+00	8	39°44'37.52"N/80°50'37.54"W	Culvert Crossing	586	0.157	378
6	Ephemeral	282+75	9	39°45'09.16"N/80°50'05.60"W	Culvert Crossing	426	0.051	151
7	Ephemeral	306+50	10	39°45'29.26"N/80°51'19.6"W	Culvert Crossing	167	0.025	30
8 - Sims Run	Lower Perennial	371+50	11	39°46'30.43"N/80°51'18.61"W	Culvert Crossing	436	0.040	119
10	Ephemeral	150+75	5	39°43'26.17"N/80°49'23.87."W	Culvert Crossing	424	0.020	16
					TOTAL	3470	0.713	1888

Streams 1, 4, 5, 6 and 7 are U.T.'s of the Ohio River. Stream 10 is a U.T. of Beaver Run

Table 3. Wetland Mitigation

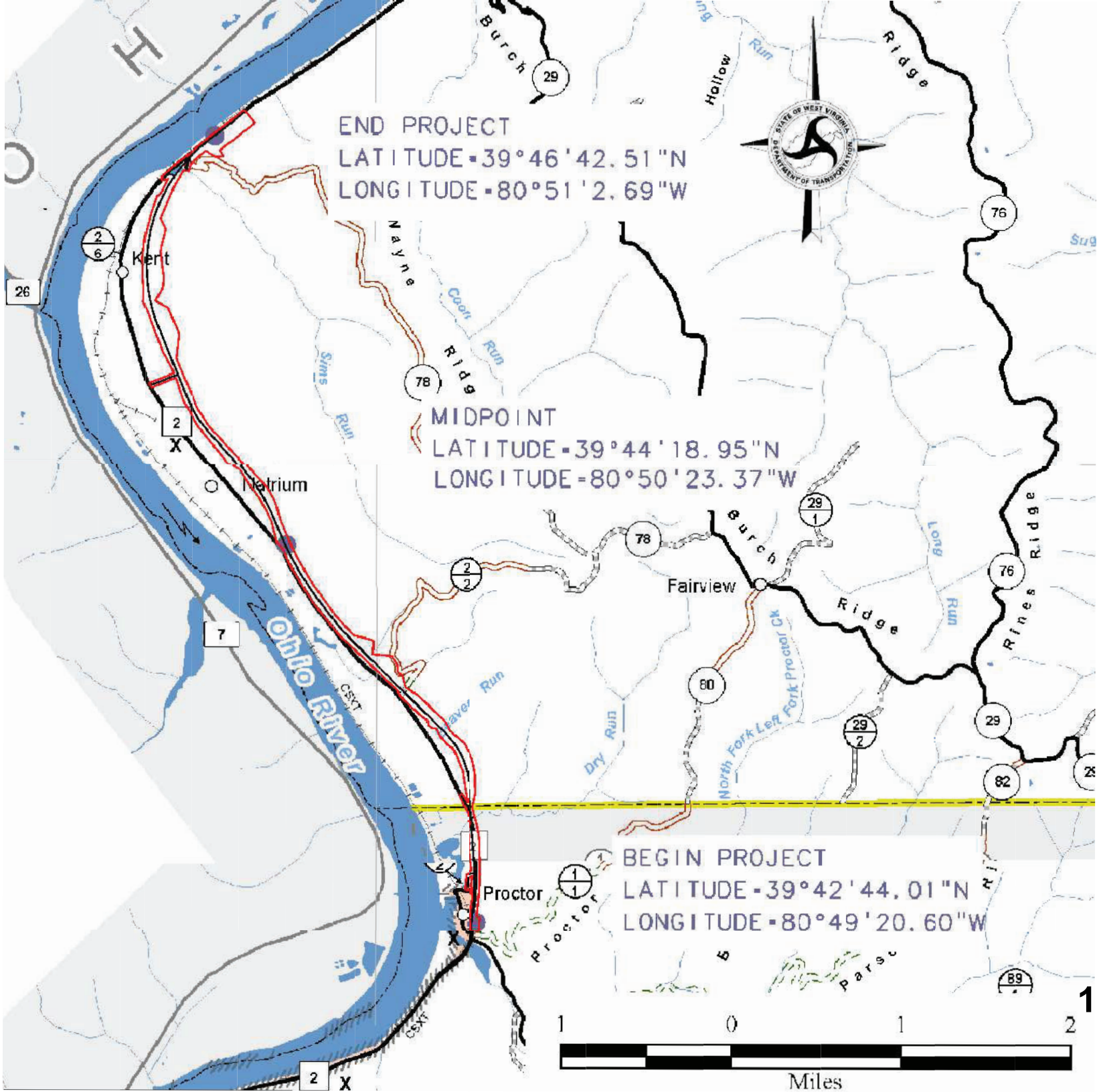
Wetland ID	Impact (acres)	Wetland Classification	Mitigation Bank		ILF		
			Replacement Units	Credits Needed	Replacement Units	Adjusted Final Index Score	Credits Needed
2	0.027	PEM1	0.027	0.027	0.054	0.060	0.060
4	0.198	PSS1	0.198	0.198	0.594	0.665	0.665
5	0.345	PEM1/PF01	0.345	0.345	0.910	1.019	1.019
6	0.020	PF01	0.020	0.020	0.060	0.067	0.067
7	3.170	PEM1/PF01	3.170	3.170	7.540	8.445	8.445
Totals	3.76			3.76			10.3

Wetland No. 7 has 1.20 acres of forested impacts and 1.97 acres of emergent impacts. Wetland No. 5 has 0.22 acres of forested impacts and 0.125 acres of emergent impacts.

Table 4. Stream Mitigation

Stream Name	Impact Length (ft)	Mitigation Bank		ILF	
		Final Index Score	Credits Needed	Final Index Score	Credits Needed
1	309	0.660	203.940	0.739	228.413
2 - Dry Run	258	0.459	118.478	0.514	132.695
3 - Beaver Run	400	0.640	256.167	0.717	289.907
4	464	0.670	310.880	0.750	348.186
5	586	0.618	361.855	0.692	405.278
6	426	0.623	265.185	0.697	297.007
7	167	0.622	103.818	0.696	116.277
8 - Sims Run	436	0.594	258.882	0.665	289.948
10	424	0.821	348.033	0.919	389.797
Totals	3470		2227.2		2497.5

Streams 1, 4, 5, 6 and 7 are U.T.'s of the Ohio River. Stream 10 is a U.T. of Beaver Run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BEGIN PROJECT
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LONGITUDE=80°49'20.60"W
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Natrium
Fairview
Proctor
Ohio River
Burch Ridge
Hollow Run
Ridge
Nayne Ridge
Coon Run
Sims Run
Long Run
Rines Ridge
Dry Run
North Fork Left Fork Proctor Ck
Proctor
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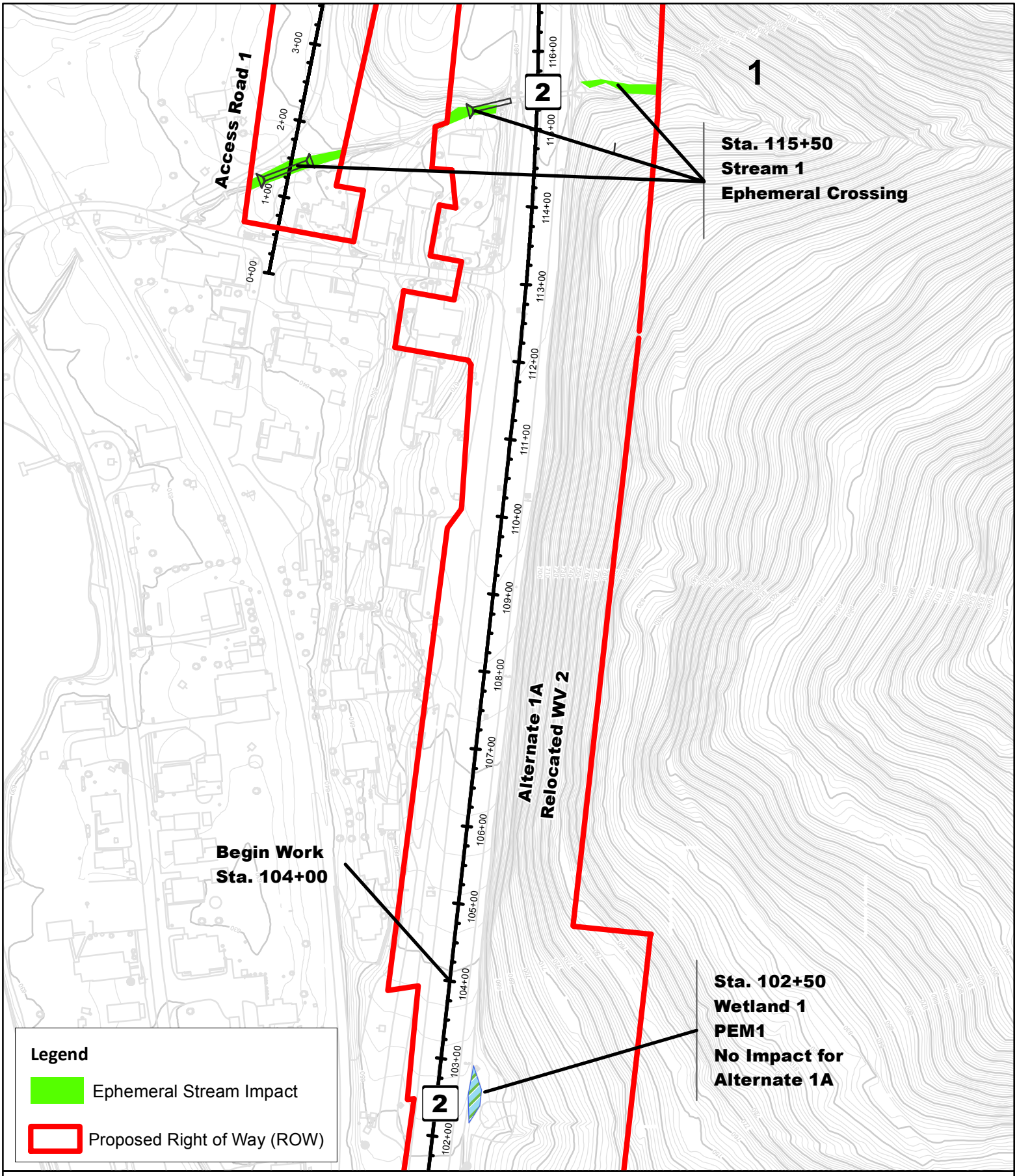
2
Miles



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Impacted Areas

2 of 11

0 75 150 225 300 Feet

WV 2 Improvements
State Project U352-2-11.66 00

CDM Smith

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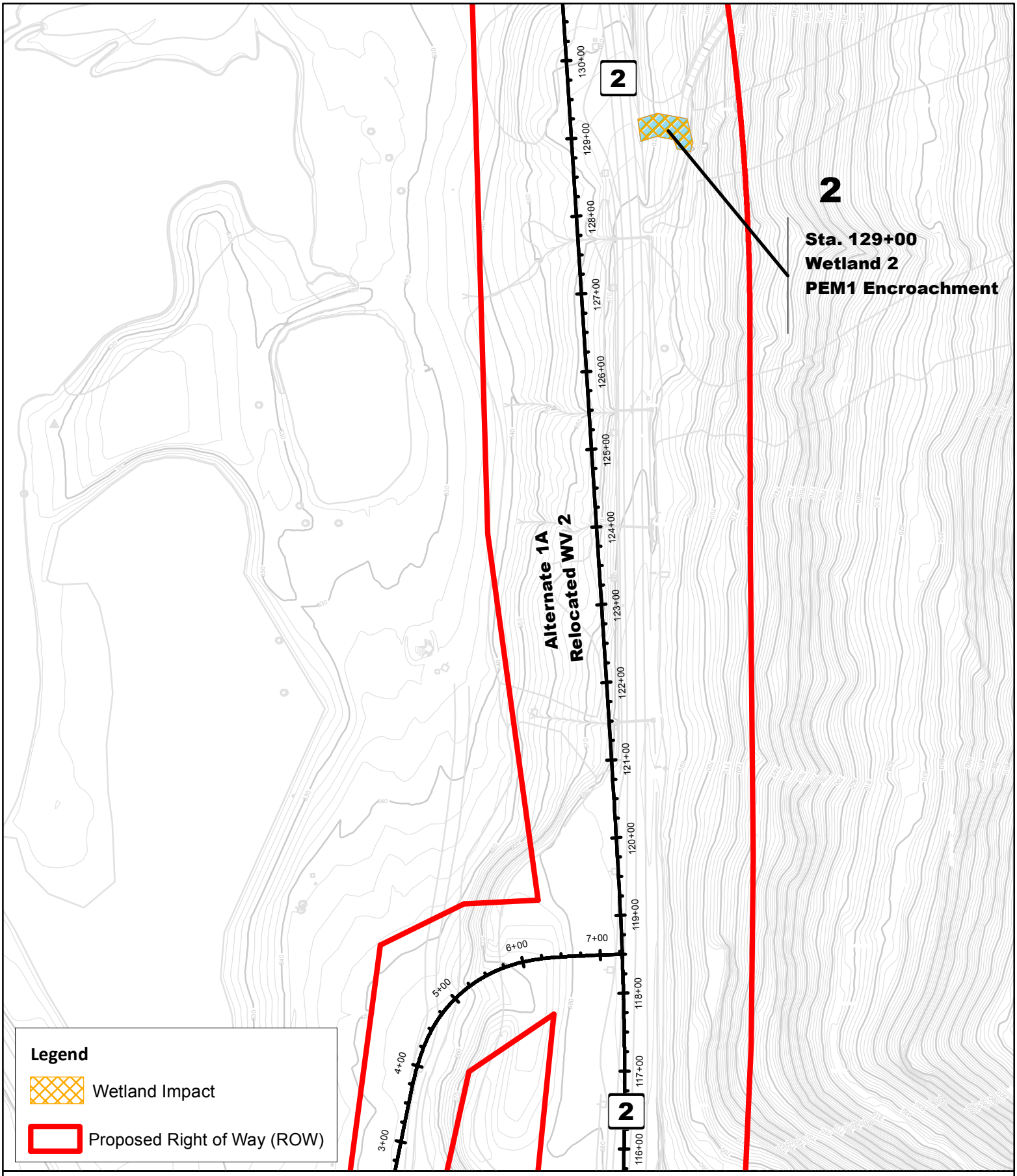

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Impacted Areas

3 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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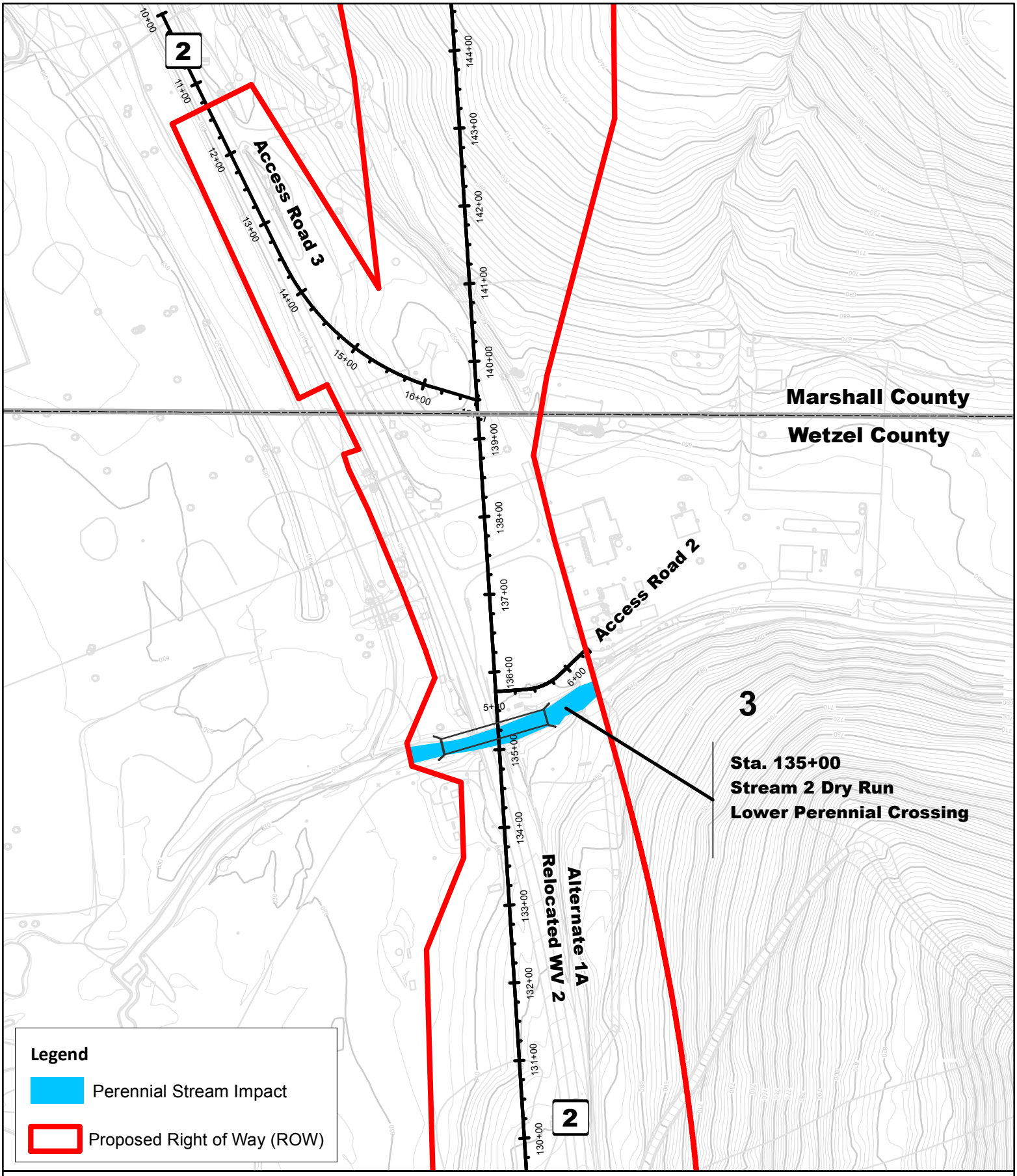

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Impacted Areas

4 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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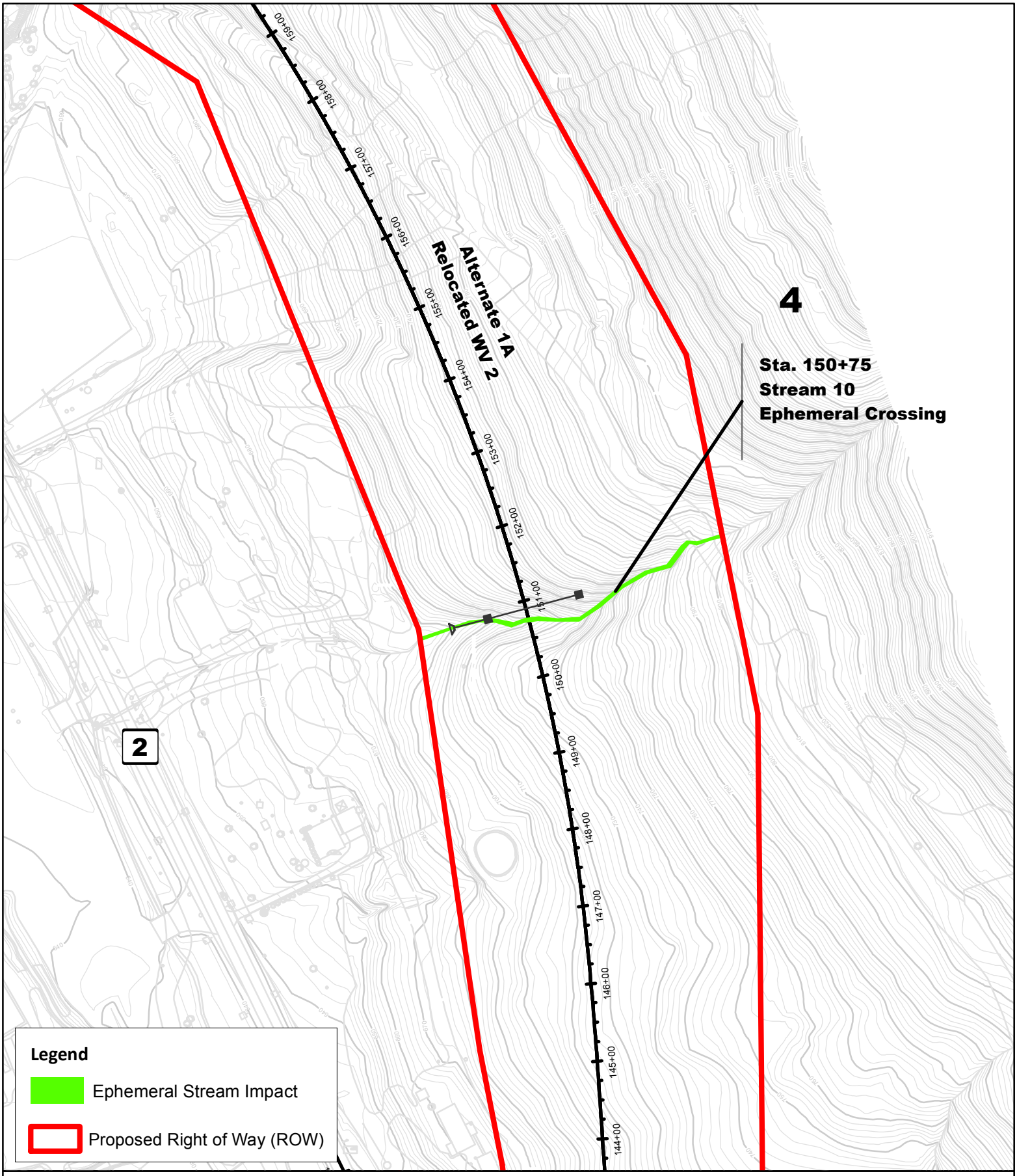

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Impacted Areas

5 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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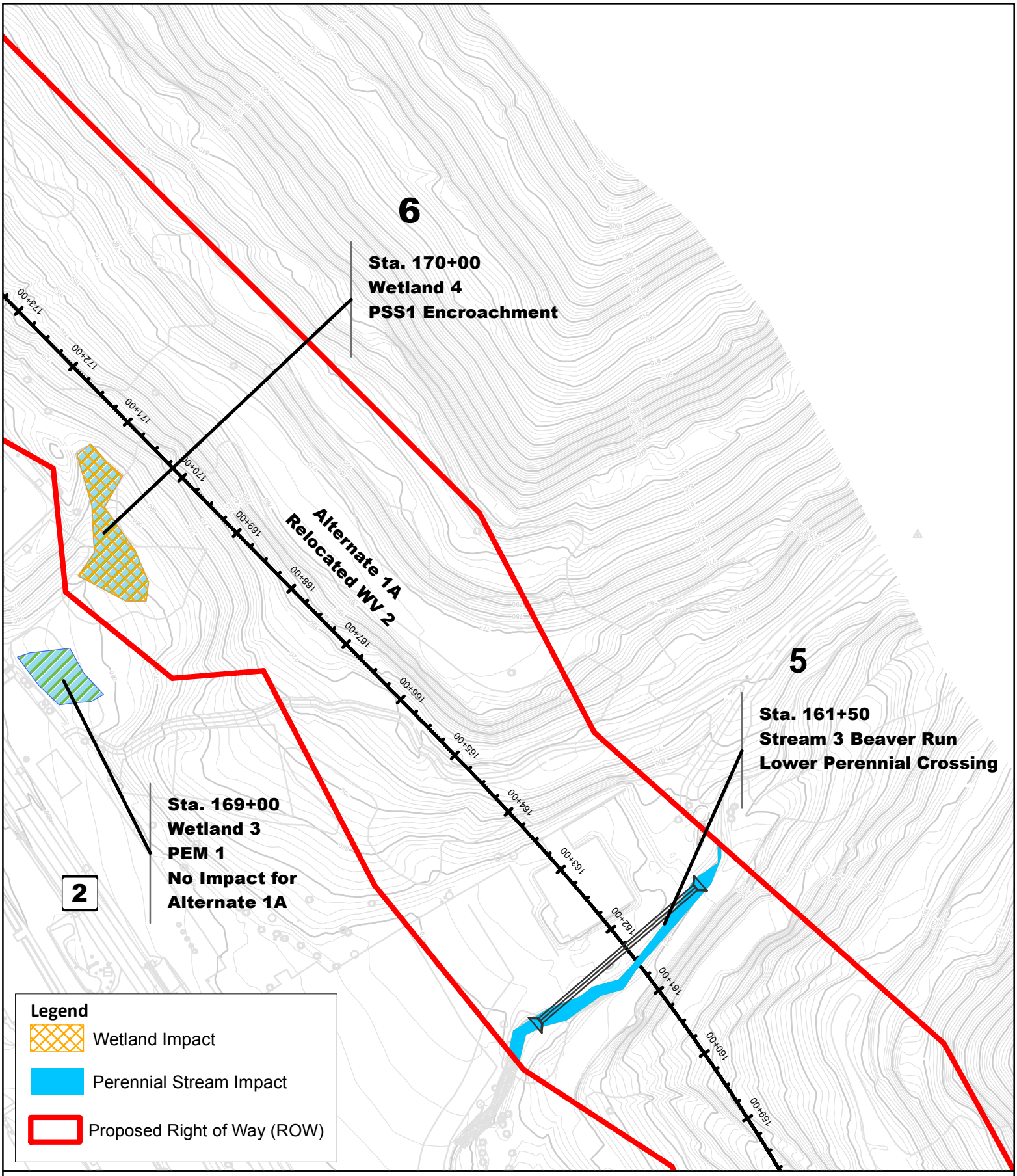

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Impacted Areas

6 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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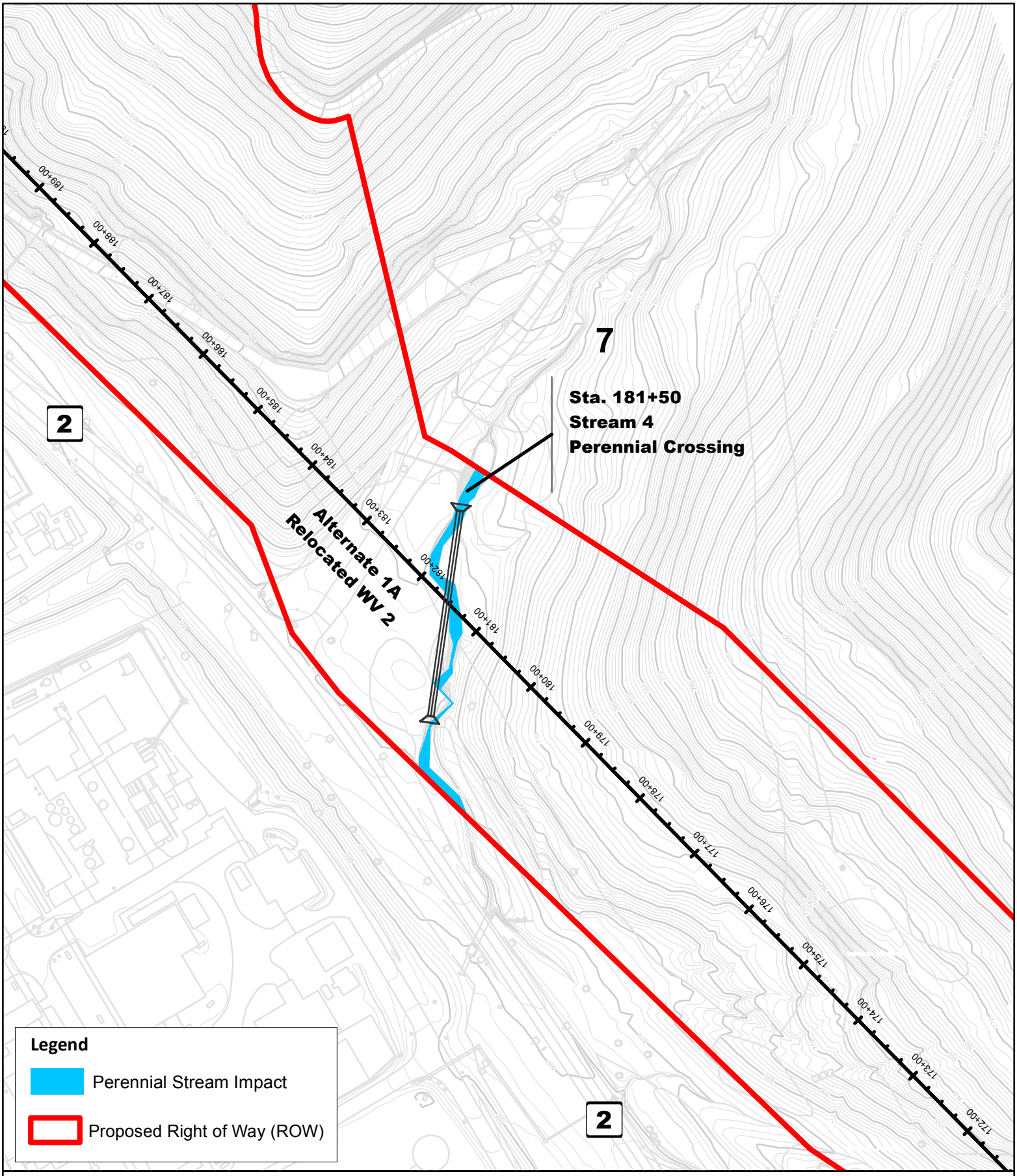

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Impacted Areas

7 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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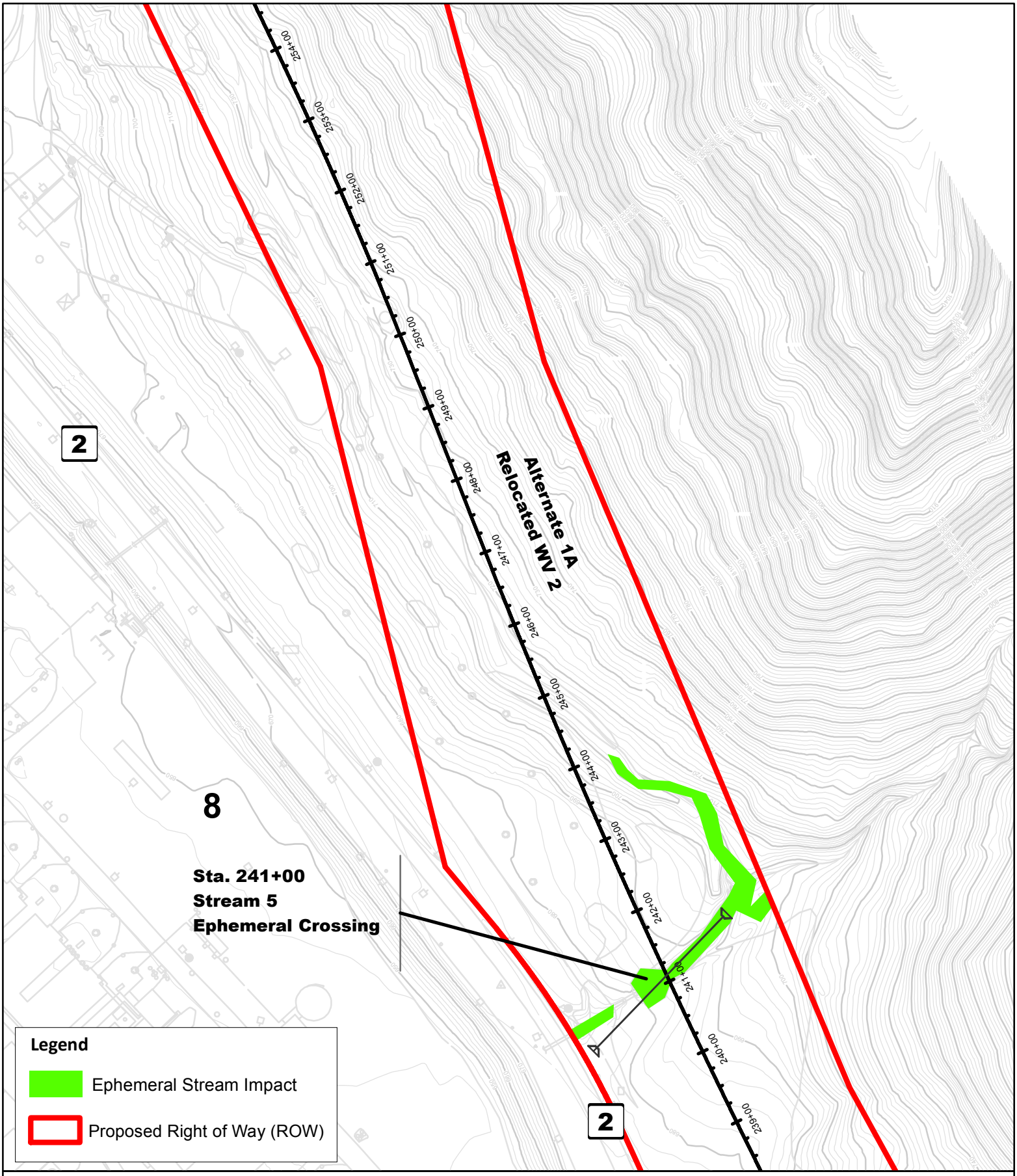

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Impacted Areas

8 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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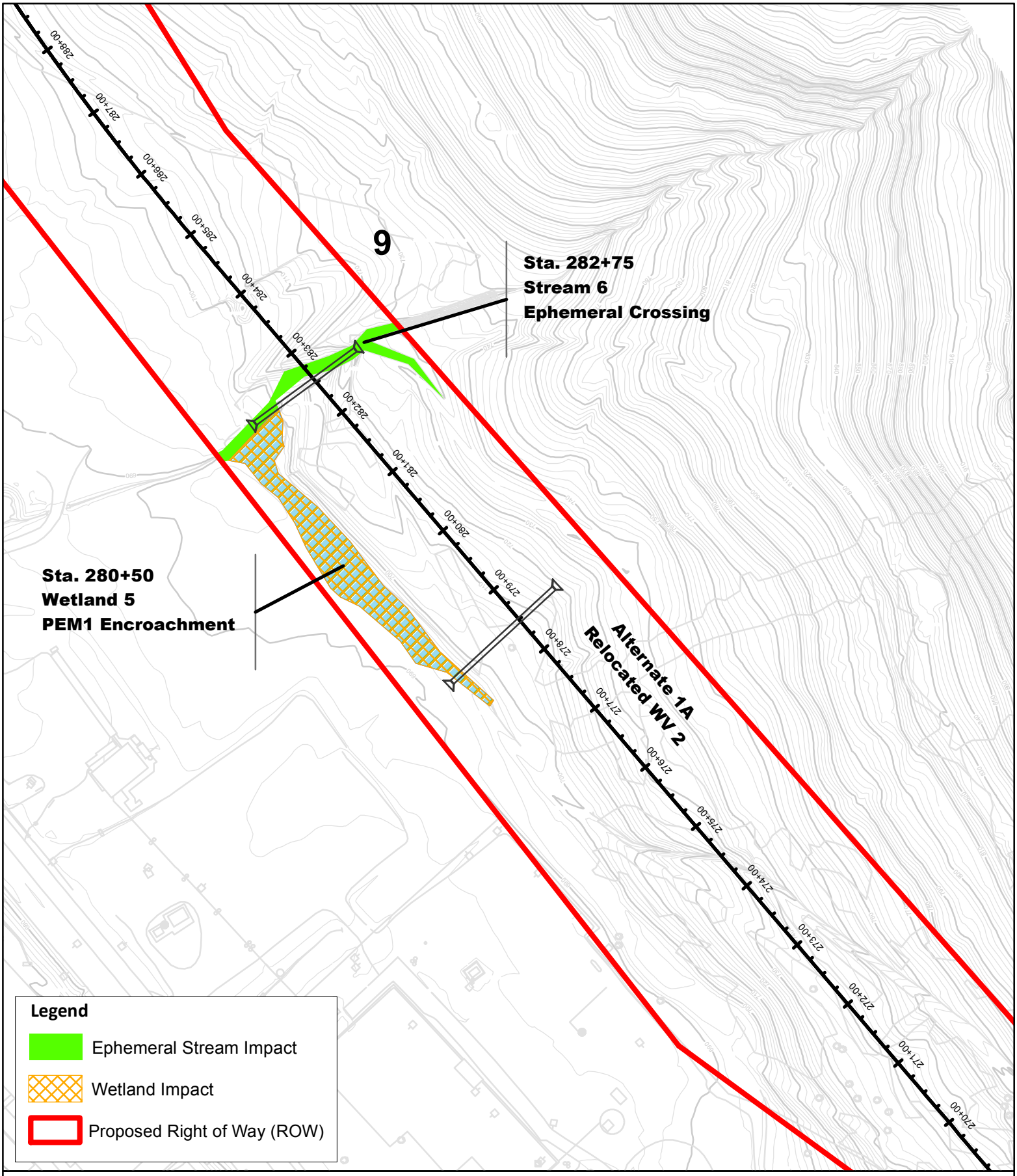

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Impacted Areas

9 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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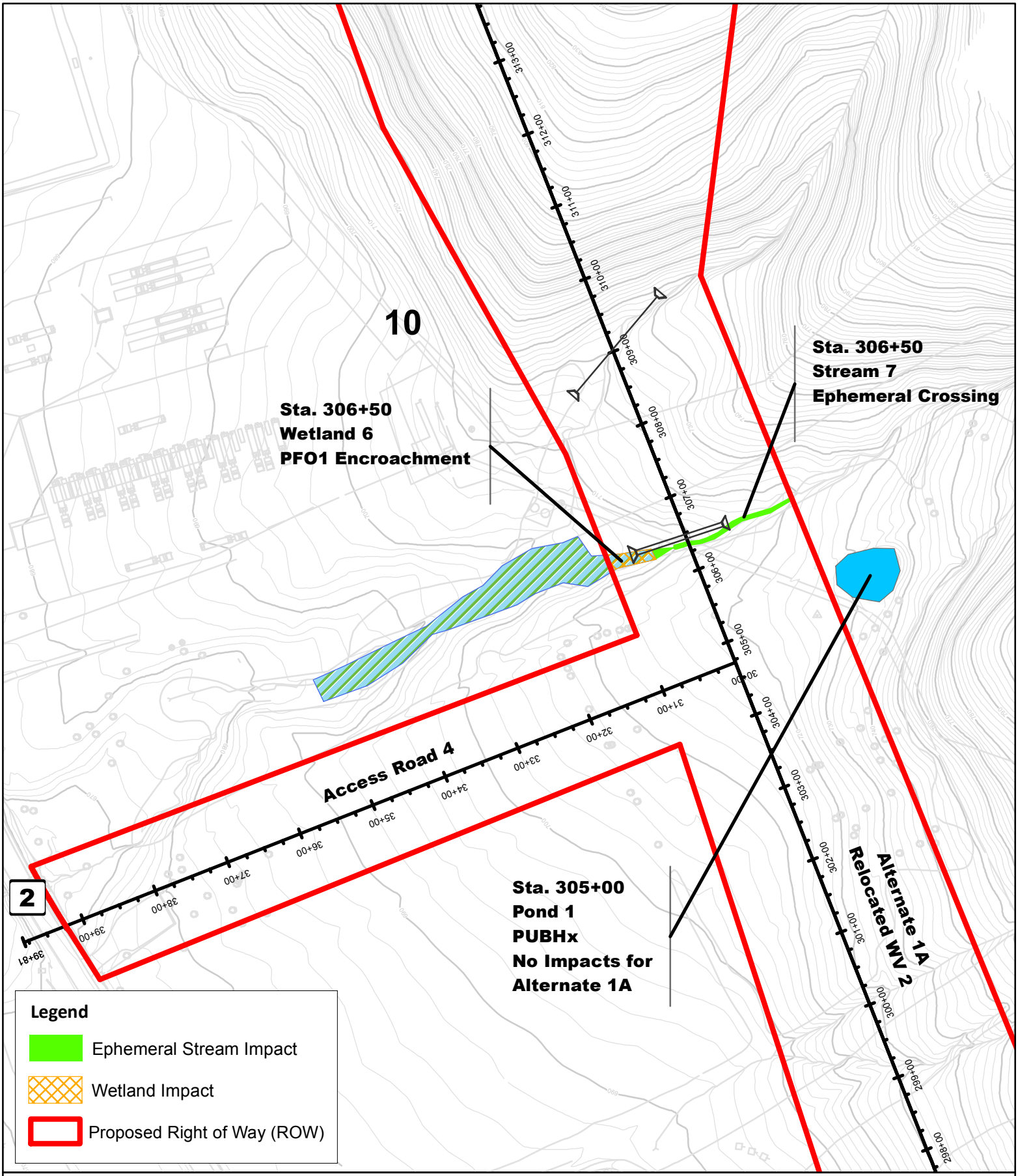

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Impacted Areas

10 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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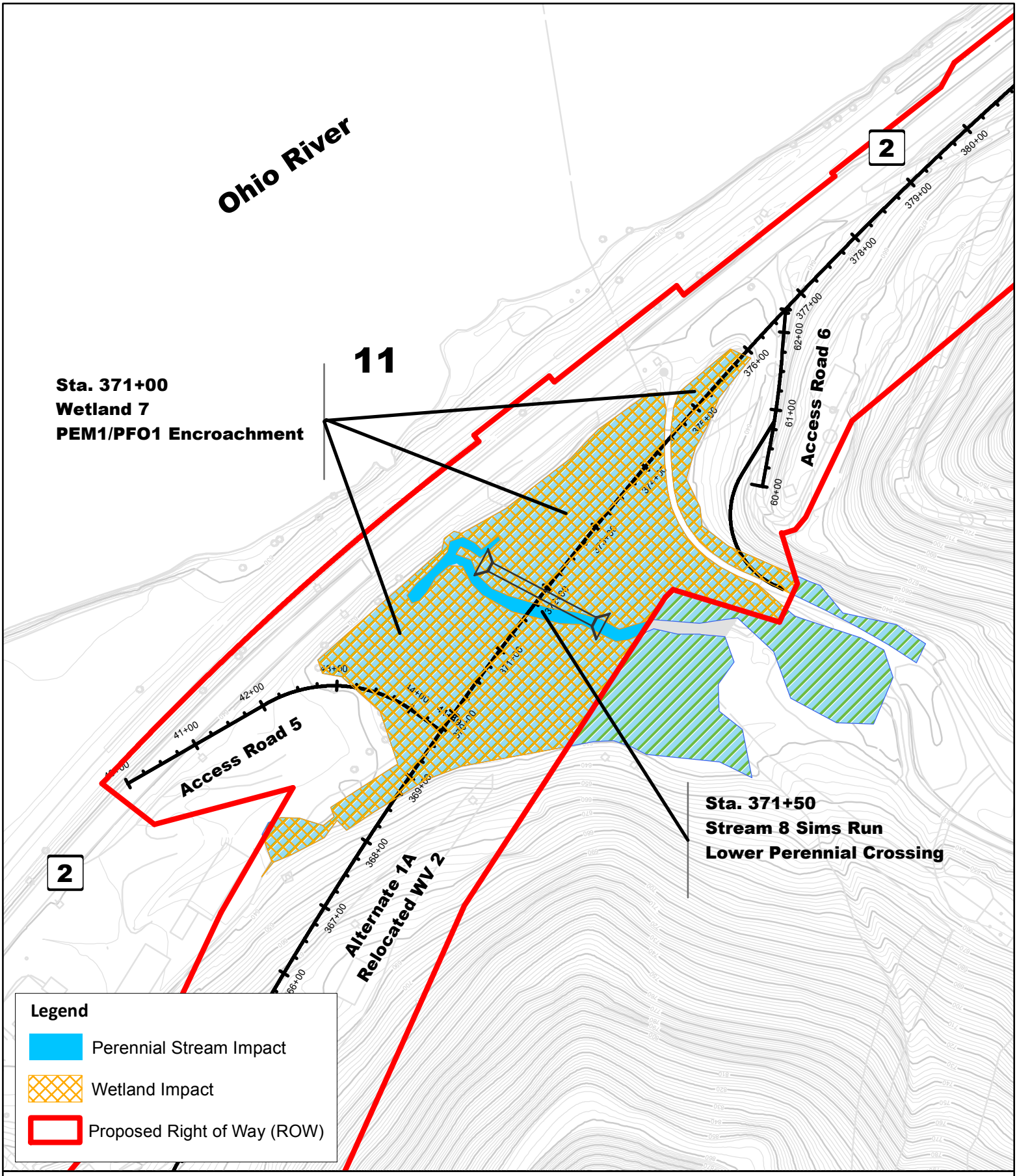

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Impacted Areas

11 of 11

0 75 150 225 300 Feet

WV 2 Improvements
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