

Appendix 2 - PRELIMINARY JURISDICTIONAL DETERMINATION (PJD) FORM

BACKGROUND INFORMATION

A. REPORT COMPLETION DATE FOR PJD: January 8, 2020

B. NAME AND ADDRESS OF PERSON REQUESTING PJD:

NYPA
123 Main Street
White Plains, New York 10605
Attn: Jeff Gerlach

C. DISTRICT OFFICE, FILE NAME, AND NUMBER: Buffalo District, Auburn Field Office, Moses-Adirondack Smart Path Reliability Project, File No. 2019-00661

D. PROJECT LOCATION(S) AND BACKGROUND INFORMATION: 86 miles between the St. Lawrence Power Project's Robert Moses Power Dam Switchyard ("Moses Switchyard") in the Town of Massena, St. Lawrence County, New York and the Adirondack Substation in the Town of Croghan, Lewis County, NY. With the exception of a reroute of the Project at the State University of New York at Canton campus, the Project would be constructed entirely within an existing right-of-way maintained by NYPA. In that section, the existing transmission line ROW which bisects the Campus will be moved from the existing location to another location within the campus that was preferable to both NYPA and SUNY Canton. The distance of the new ROW associated with the reroute is 1.01 miles and the new ROW width will be 250 feet.

State: New York **County:** St. Lawrence and Lewis **City:** Town of Canton

Center coordinates of site (lat/long in degree decimal format):

Lat: 44.60054°N **Long:** -75.18061°W

Name of nearest waterbody: **Various lakes and streams along the right-of-way**

E. REVIEW PERFORMED FOR SITE EVALUATION (CHECK ALL THAT APPLY):

☒ Office (Desk) Determination. Date: **January 7, 2020**

☐ Field Determination. Date(s):

1) The Corps of Engineers believes that there may be jurisdictional aquatic resources in the review area, and the requestor of this PJD is hereby advised of his or her option to request and obtain an approved JD (AJD) for that review area based on an informed decision after having discussed the various types of JDs and their characteristics and circumstances when they may be appropriate.

2) In any circumstance where a permit applicant obtains an individual permit, or a Nationwide General Permit (NWP) or other general permit verification requiring "pre-construction notification" (PCN), or requests verification for a non-reporting NWP or other general permit, and the permit applicant has not requested an AJD for the activity, the permit applicant is hereby made aware that:

(1) the permit applicant has elected to seek a permit authorization based on a PJD, which does not make an official determination of jurisdictional aquatic resources;

(2) the applicant has the option to request an AJD before accepting the terms and conditions of the permit authorization, and that basing a permit authorization on an AJD could possibly result in less compensatory mitigation being required or different special conditions;

(3) the applicant has the right to request an individual permit rather than accepting the terms and conditions of the NWP or other general permit authorization;

(4) the applicant can accept a permit authorization and thereby agree to comply with all the terms and conditions of that permit, including whatever mitigation requirements the Corps has determined to be necessary;

(5) undertaking any activity in reliance upon the subject permit authorization without requesting an AJD constitutes the applicant's acceptance of the use of the PJD;

(6) accepting a permit authorization (e.g., signing a proffered individual permit) or undertaking any activity in reliance on any form of Corps permit authorization based on a PJD constitutes agreement that all aquatic resources in the review area affected in any way by that activity will be treated as jurisdictional, and waives any challenge to such jurisdiction in any administrative or judicial compliance or enforcement action, or in any administrative appeal or in any Federal court; and

(7) whether the applicant elects to use either an AJD or a PJD, the JD will be processed as soon as practicable. Further, an AJD, a proffered individual permit (and all terms and conditions contained therein), or individual permit denial can be administratively appealed pursuant to 33 C.F.R. Part 331.

If, during an administrative appeal, it becomes appropriate to make an official determination whether geographic jurisdiction exists over aquatic resources in the review area, or to provide an official delineation of jurisdictional aquatic resources in the review area, the Corps will provide an AJD to accomplish that result, as soon as is practicable.

This PJD finds that there "*may be*" waters of the U.S. and/or that there "*may be*" navigable waters of the U.S. on the subject review area, and identifies all aquatic features in the review area that could be affected by the proposed activity, based on the following information:

Site Number	Type of Aquatic Resource	Estimated amount of aquatic resource in review area (acreage and linear feet, as applicable)		Latitude	Longitude	Geographic authority to which the aquatic resource "may be subject (i.e., Section 404, Section 10, Section 404/10
ES1-1-1	PEM	2.339	Acre	44.598601	-75.189926	Section 404
ES1-1-2	PFO	6.284	Acre	44.602028	-75.190541	Section 404
ES1-1-3	PSS	4.758	Acre	44.599526	-75.189785	Section 404
ES1-14	PFO	0.189	Acre	44.603470	-75.191672	Section 404
ES1-15	PFO	0.051	Acre	44.604577	-75.192107	Section 404
ES1-16	PFO	0.011	Acre	44.605055	-75.192387	Section 404
ES1-200	PSS	0.021	Acre	44.862132	-75.009747	Section 404
ES1-201	PEM	0.351	Acre	44.862689	-75.008902	Section 404
ES1-202	PEM	0.142	Acre	44.862856	-75.009329	Section 404
ES1-21-1	PEM	0.083	Acre	44.609298	-75.185264	Section 404
ES1-21-2	PSS	0.210	Acre	44.608750	-75.185527	Section 404
ES1-25-1	PEM	0.903	Acre	44.614107	-75.182813	Section 404
ES1-25-2	PSS	1.282	Acre	44.614541	-75.183088	Section 404
ES1-27-1	PEM	15.897	Acre	44.626092	-75.177216	Section 404
ES1-27-2	PSS	21.399	Acre	44.626175	-75.177160	Section 404
ES1-27-3	PUB	0.750	Acre	44.627705	-75.176304	Section 404
ES1-28	PEM	0.343	Acre	44.636294	-75.172154	Section 404
ES1-30	PSS	1.058	Acre	44.643688	-75.168549	Section 404
ES1-33	PEM	0.205	Acre	44.645204	-75.168050	Section 404
ES1-34-1	PEM	10.099	Acre	44.655561	-75.162825	Section 404
ES1-34-2	PSS	16.683	Acre	44.661256	-75.160100	Section 404
ES1-40	PEM	0.088	Acre	44.671734	-75.154996	Section 404
ES1-42	PSS	0.366	Acre	44.673654	-75.153872	Section 404
ES1-43-1	PEM	1.243	Acre	44.678139	-75.151884	Section 404
ES1-43-2	PSS	0.865	Acre	44.677772	-75.152286	Section 404
ES1-5	PFO	0.059	Acre	44.608744	-75.191738	Section 404
ES2-100	PUB	0.726	Acre	44.232030	-75.230959	Section 404
ES2-11	PEM	1.227	Acre	44.304626	-75.236207	Section 404
ES2-12	PEM	3.421	Acre	44.310396	-75.236780	Section 404
ES2-14	PEM	1.546	Acre	44.301948	-75.235403	Section 404
ES2-15	PEM	0.535	Acre	44.297849	-75.234448	Section 404
ES2-16	PEM	1.481	Acre	44.265784	-75.222847	Section 404
ES2-17	PEM	0.152	Acre	44.268021	-75.224181	Section 404
ES2-18	PEM	3.467	Acre	44.270244	-75.224814	Section 404
ES2-2-1	PSS	4.585	Acre	44.354623	-75.225174	Section 404

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ES2-2-2	PEM	6.340	Acre	44.350252	-75.226672	Section 404
ES2-20	PEM	2.175	Acre	44.283141	-75.229300	Section 404
ES2-22	PEM	0.309	Acre	44.291341	-75.231933	Section 404
ES2-23	PEM	0.123	Acre	44.289545	-75.231561	Section 404
ES2-25	PEM	2.195	Acre	44.239281	-75.226613	Section 404
ES2-26	PEM	8.294	Acre	44.234091	-75.229878	Section 404
ES2-27	PEM	4.406	Acre	44.216003	-75.240259	Section 404
ES2-28	PSS	0.243	Acre	44.200720	-75.250149	Section 404
ES2-29	PSS	1.841	Acre	44.209014	-75.244331	Section 404
ES2-31	PEM	1.512	Acre	44.199133	-75.253373	Section 404
ES2-32	PEM	2.110	Acre	44.167123	-75.282860	Section 404
ES2-33-1	PSS	1.315	Acre	44.169594	-75.283437	Section 404
ES2-33-2	PEM	0.069	Acre	44.169151	-75.282438	Section 404
ES2-34	PEM	0.337	Acre	44.173664	-75.283803	Section 404
ES2-35	PEM	0.311	Acre	44.174829	-75.283729	Section 404
ES2-36-1	PEM	7.951	Acre	44.186168	-75.276626	Section 404
ES2-36-2	PSS	2.229	Acre	44.184151	-75.280317	Section 404
ES2-38-1	PEM	3.284	Acre	44.889868	-74.986084	Section 404
ES2-38-2	PSS	28.360	Acre	44.883389	-74.991569	Section 404
ES2-4	PEM	0.422	Acre	44.341503	-75.229052	Section 404
ES2-40	PEM	2.198	Acre	44.895218	-74.981852	Section 404
ES2-46	PEM	3.642	Acre	44.964307	-74.842422	Section 404
ES2-47	PSS	4.711	Acre	44.962951	-74.846450	Section 404
ES2-5	PEM	0.155	Acre	44.317664	-75.235085	Section 404
ES2-52	PSS	12.215	Acre	44.960713	-74.873233	Section 404
ES2-53	PEM	12.004	Acre	44.957333	-74.862391	Section 404
ES2-6	PEM	0.233	Acre	44.319291	-75.234339	Section 404
ES2-7	PEM	0.225	Acre	44.321641	-75.233899	Section 404
ES2-8	PEM	0.171	Acre	44.327434	-75.232420	Section 404
ES2-9	PEM	1.737	Acre	44.331398	-75.231374	Section 404
ES3-103	PEM	0.500	Acre	44.940649	-74.934061	Section 404
ES3-105	PEM	0.271	Acre	44.939715	-74.935837	Section 404
ES3-106	PEM	0.074	Acre	44.939069	-74.937111	Section 404
ES3-109	PEM	0.209	Acre	44.938197	-74.937465	Section 404
ES3-112	PEM	7.934	Acre	44.936157	-74.941480	Section 404
ES3-115	PEM	0.524	Acre	44.933991	-74.944966	Section 404

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ES3-120	PEM	2.340	Acre	44.933113	-74.946416	Section 404
ES3-122	PEM	0.789	Acre	44.931345	-74.949295	Section 404
ES3-124	PEM	3.506	Acre	44.925480	-74.955894	Section 404
ES3-126	PEM	17.442	Acre	44.920101	-74.960514	Section 404
ES3-132-1	PEM	0.113	Acre	44.914559	-74.965678	Section 404
ES3-132-2	PSS	0.173	Acre	44.914188	-74.965615	Section 404
ES3-134-1	PEM	0.097	Acre	44.913924	-74.966012	Section 404
ES3-134-2	PSS	0.030	Acre	44.913743	-74.965809	Section 404
ES3-136	PSS	0.297	Acre	44.913442	-74.966448	Section 404
ES3-144-1	PEM	0.120	Acre	44.910487	-74.968207	Section 404
ES3-144-2	PSS	0.181	Acre	44.910851	-74.967919	Section 404
ES3-145-1	PEM	0.251	Acre	44.909443	-74.969906	Section 404
ES3-145-2	PSS	0.139	Acre	44.909252	-74.970053	Section 404
ES3-146	PEM	3.264	Acre	44.907577	-74.971165	Section 404
ES3-148	PEM	0.289	Acre	44.905043	-74.973355	Section 404
ES3-151	PEM	1.533	Acre	44.903767	-74.974321	Section 404
ES3-152	PEM	1.673	Acre	44.902625	-74.975276	Section 404
ES3-155	PSS	0.276	Acre	44.901435	-74.976542	Section 404
ES3-156	PEM	0.878	Acre	44.899305	-74.978099	Section 404
ES3-16	PEM	0.023	Acre	44.991966	-74.803435	Section 404
ES3-19	PEM	0.057	Acre	44.991479	-74.803194	Section 404
ES3-2	PEM	0.144	Acre	44.997265	-74.805009	Section 404
ES3-23	PEM	0.024	Acre	44.991026	-74.802906	Section 404
ES3-35	PEM	0.140	Acre	44.989097	-74.802662	Section 404
ES3-36	PEM	1.152	Acre	44.987376	-74.802409	Section 404
ES3-37	PUB	2.899	Acre	44.988367	-74.802560	Section 404
ES3-39	PSS	0.029	Acre	44.986531	-74.801861	Section 404
ES3-41	PEM	0.074	Acre	44.983530	-74.801653	Section 404
ES3-43	PEM	1.085	Acre	44.982948	-74.801657	Section 404
ES3-46	PEM	0.377	Acre	44.981802	-74.801481	Section 404
ES3-47	PUB	1.427	Acre	44.982224	-74.801610	Section 404
ES3-49	PEM	0.149	Acre	44.980840	-74.801079	Section 404
ES3-51	PSS	0.000	Acre	44.978884	-74.800638	Section 404
ES3-53	PEM	0.098	Acre	44.978735	-74.800944	Section 404
ES3-55	PEM	0.011	Acre	44.978306	-74.802615	Section 404
ES3-57	PSS	0.106	Acre	44.977885	-74.803340	Section 404

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ES3-58	PEM	0.072	Acre	44.977930	-74.803841	Section 404
ES3-60-1	PEM	5.552	Acre	44.974229	-74.813927	Section 404
ES3-60-2	PFO	4.534	Acre	44.974724	-74.813436	Section 404
ES3-63	PEM	0.015	Acre	44.972008	-74.820400	Section 404
ES3-64-1	PEM	1.565	Acre	44.970606	-74.824227	Section 404
ES3-64-2	PFO	0.969	Acre	44.971037	-74.824113	Section 404
ES3-68-1	PSS	0.449	Acre	44.970155	-74.825730	Section 404
ES3-68-2	PEM	0.276	Acre	44.970443	-74.825789	Section 404
ES3-68-3	PFO	15.220	Acre	44.968462	-74.830685	Section 404
ES3-69	PUB	0.135	Acre	44.970129	-74.826099	Section 404
ES3-70-1	PEM	8.958	Acre	44.964918	-74.890244	Section 404
ES3-70-2	PFO	12.345	Acre	44.965796	-74.885626	Section 404
ES3-70-3	PSS	29.266	Acre	44.962561	-74.896199	Section 404
ES3-75	PEM	0.825	Acre	44.955260	-74.909981	Section 404
ES3-79-1	PEM	2.622	Acre	44.951143	-74.916802	Section 404
ES3-79-2	PSS	0.099	Acre	44.951646	-74.915877	Section 404
ES3-85	PEM	0.627	Acre	44.950251	-74.918223	Section 404
ES3-86	PEM	0.105	Acre	44.949481	-74.919335	Section 404
ES3-88	PEM	0.181	Acre	44.949340	-74.919865	Section 404
ES3-89	PSS	1.046	Acre	44.948848	-74.920670	Section 404
ES3-90	PSS	3.114	Acre	44.947591	-74.922637	Section 404
ES3-92	PEM	0.452	Acre	44.945930	-74.925482	Section 404
ES3-95	PEM	0.726	Acre	44.945502	-74.926023	Section 404
ES3-96-1	PEM	2.394	Acre	44.943479	-74.929470	Section 404
ES3-96-2	PSS	3.903	Acre	44.943820	-74.928994	Section 404
ES3-99	PEM	0.560	Acre	44.941431	-74.933112	Section 404
ES4-1	PSS	3.012	Acre	44.681471	-75.150408	Section 404
ES4-18-1	PEM	14.254	Acre	44.701160	-75.136624	Section 404
ES4-18-2	PSS	11.627	Acre	44.699995	-75.137465	Section 404
ES4-25-1	PEM	5.154	Acre	44.721691	-75.121479	Section 404
ES4-25-2	PSS	11.715	Acre	44.718059	-75.124256	Section 404
ES4-32	PSS	0.405	Acre	44.729280	-75.115817	Section 404
ES4-38	PSS	0.222	Acre	44.737641	-75.110284	Section 404
ES4-39	PSS	0.409	Acre	44.737873	-75.109495	Section 404
ES4-41-1	PEM	9.032	Acre	44.752911	-75.098743	Section 404
ES4-41-2	PSS	32.813	Acre	44.755996	-75.096547	Section 404

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ES4-44	PSS	2.096	Acre	44.769053	-75.087003	Section 404
ES4-49	PSS	12.678	Acre	44.775640	-75.082154	Section 404
ES4-53	PSS	0.165	Acre	44.781144	-75.077906	Section 404
ES4-55	PSS	2.591	Acre	44.783530	-75.075901	Section 404
ES4-56-1	PEM	16.934	Acre	44.791125	-75.069456	Section 404
ES4-56-2	PSS	0.298	Acre	44.788583	-75.072151	Section 404
ES4-56-3	PFO	39.640	Acre	44.799542	-75.062344	Section 404
ES4-56-4	PUB	1.111	Acre	44.789669	-75.070631	Section 404
ES4-58	PEM	0.140	Acre	44.809553	-75.053524	Section 404
ES4-6	PEM	0.039	Acre	44.683226	-75.149028	Section 404
ES4-60-1	PEM	11.255	Acre	44.824153	-75.041639	Section 404
ES4-60-2	PSS	31.520	Acre	44.818439	-75.046396	Section 404
ES4-60-3	PUB	5.261	Acre	44.821709	-75.043788	Section 404
ES4-61	PSS	6.106	Acre	44.834045	-75.033428	Section 404
ES4-62-1	PEM	12.535	Acre	44.852836	-75.017339	Section 404
ES4-62-2	PSS	12.533	Acre	44.855632	-75.015146	Section 404
ES4-63	PEM	1.255	Acre	44.863840	-75.008095	Section 404
ES4-65-1	PSS	1.650	Acre	44.865323	-75.006656	Section 404
ES4-65-2	PEM	28.331	Acre	44.871313	-75.001840	Section 404
ES4-7	PEM	1.257	Acre	44.689506	-75.144978	Section 404
ES5-W-001	PSS	0.120	Acre	44.535675	-75.205007	Section 404
ES5-W-002	PSS	0.036	Acre	44.532255	-75.205490	Section 404
ES5-W-003	PEM	0.041	Acre	44.541919	-75.202155	Section 404
ES5-W-004	PEM	0.039	Acre	44.545290	-75.205319	Section 404
ES5-W-005	PSS	0.053	Acre	44.545220	-75.205107	Section 404
ES5-W-006	PEM	0.047	Acre	44.557597	-75.200315	Section 404
ES5-W-007	PEM	0.087	Acre	44.552838	-75.201679	Section 404
ES5-W-008	PEM	0.026	Acre	44.549783	-75.202284	Section 404
ES5-W-009	PEM	0.015	Acre	44.577007	-75.195740	Section 404
ES5-W-010	PEM	0.018	Acre	44.639130	-75.171690	Section 404
ES5-W-011	PEM	0.023	Acre	44.635247	-75.171785	Section 404
ES5-W-012	PEM	0.012	Acre	44.636395	-75.170824	Section 404
ES5-W-013	PEM	0.010	Acre	44.644604	-75.170005	Section 404
ES5-W-014	PEM	0.030	Acre	44.644751	-75.170142	Section 404
ES5-W-015	PSS	0.134	Acre	44.661565	-75.158971	Section 404
ES5-W-016-1	PEM	0.143	Acre	44.661095	-75.165281	Section 404

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ES5-W-016-2	PSS	0.108	Acre	44.660996	-75.164243	Section 404
ES5-W-017	PSS	0.103	Acre	44.661022	-75.163909	Section 404
ES5-W-018	PSS	0.091	Acre	44.900350	-74.965023	Section 404
ES5-W-019	PSS	0.190	Acre	44.900216	-74.965050	Section 404
ES5-W-020	PSS	0.010	Acre	44.620580	-75.178874	Section 404
ES5-W-021	PSS	0.071	Acre	44.619653	-75.179311	Section 404
ES5-W-022	PSS	0.033	Acre	44.618970	-75.179602	Section 404
ES5-W-023	PSS	0.032	Acre	44.617460	-75.180495	Section 404
ES5-W-024	PSS	0.078	Acre	44.630610	-75.173890	Section 404
ES5-W-025	PSS	0.021	Acre	44.631509	-75.173612	Section 404
ES5-W-026	PSS	0.039	Acre	44.633287	-75.172767	Section 404
ES5-W-027	PSS	0.219	Acre	44.687163	-75.145677	Section 404
ES5-W-028	PEM	0.021	Acre	44.789420	-75.070230	Section 404
ES5-W-029	PEM	0.063	Acre	44.786281	-75.072905	Section 404
ES5-W-030	PSS	0.202	Acre	44.777432	-75.079801	Section 404
ES5-W-031	PEM	0.027	Acre	44.698649	-75.137479	Section 404
ES5-W-032	PSS	0.611	Acre	44.699744	-75.136330	Section 404
ES5-W-033	PSS	0.044	Acre	44.706945	-75.122680	Section 404
ES5-W-034	PSS	0.088	Acre	44.706836	-75.122862	Section 404
ES5-W-035	PSS	0.065	Acre	44.741747	-75.105600	Section 404
ES5-W-036	PSS	0.063	Acre	44.743195	-75.104538	Section 404
ES5-W-037-1	PSS	0.042	Acre	44.744434	-75.104027	Section 404
ES5-W-037-2	PEM	0.047	Acre	44.744100	-75.104045	Section 404
ES6-W-001	PEM	0.009	Acre	44.995886	-74.801465	Section 404
ES6-W-002	PEM	0.013	Acre	44.995797	-74.801509	Section 404
ES6-W-003	PSS	0.091	Acre	44.993998	-74.800352	Section 404
ES6-W-004	PSS	0.037	Acre	44.993595	-74.802883	Section 404
ES6-W-005	PSS	0.019	Acre	44.993804	-74.801639	Section 404
ES6-W-006	PEM	0.171	Acre	44.989334	-74.800083	Section 404
ES6-W-007	PEM	0.317	Acre	44.988024	-74.800493	Section 404
ES6-W-008	PEM	0.242	Acre	44.987726	-74.800584	Section 404
ES6-W-009	PSS	0.009	Acre	44.987891	-74.799907	Section 404
ES6-W-010	PEM	0.064	Acre	44.988228	-74.799998	Section 404
ES6-W-011	PSS	0.065	Acre	44.959275	-74.853901	Section 404
ES6-W-012	PEM	0.016	Acre	44.983357	-74.799844	Section 404
ES6-W-013	PEM	0.043	Acre	44.983009	-74.800060	Section 404

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ES6-W-014	PEM	0.002	Acre	44.972159	-74.818574	Section 404
ES6-W-015	PEM	0.003	Acre	44.971291	-74.819530	Section 404
ES6-W-016	PEM	0.093	Acre	44.969517	-74.823437	Section 404
ES6-W-017	PEM	0.004	Acre	44.969328	-74.823361	Section 404
ES6-W-018	PEM	0.005	Acre	44.969369	-74.823556	Section 404
ES6-W-019	PEM	0.016	Acre	44.969195	-74.824083	Section 404
ES6-W-020	PEM	0.016	Acre	44.969100	-74.824033	Section 404
ES6-W-021-1	PEM	0.162	Acre	44.969705	-74.824211	Section 404
ES6-W-021-2	PFO	0.136	Acre	44.969912	-74.824612	Section 404
ES6-W-022	PEM	0.053	Acre	44.968684	-74.825166	Section 404
ES6-W-023	PEM	0.027	Acre	44.968788	-74.825186	Section 404
ES6-W-024	PEM	0.195	Acre	44.967755	-74.826969	Section 404
ES6-W-025	PEM	0.089	Acre	44.967804	-74.827111	Section 404
ES6-W-027	PEM	0.081	Acre	44.966620	-74.830864	Section 404
ES6-W-028	PEM	0.093	Acre	44.966572	-74.830712	Section 404
ES6-W-029	PEM	0.029	Acre	44.964169	-74.845102	Section 404
ES6-W-030	PEM	0.003	Acre	44.962906	-74.842568	Section 404
ES6-W-031	PEM	0.003	Acre	44.962839	-74.842446	Section 404
ES6-W-032	PSS	0.042	Acre	44.960805	-74.856444	Section 404
ES6-W-033	PSS	0.051	Acre	44.960368	-74.856258	Section 404
ES6-W-034	PSS	0.028	Acre	44.957631	-74.857006	Section 404
ES6-W-035	PSS	0.011	Acre	44.956358	-74.860744	Section 404
ES6-W-036	PSS	0.011	Acre	44.955617	-74.861929	Section 404
ES6-W-037	PEM	0.020	Acre	44.955215	-74.862963	Section 404
ES6-W-038	PEM	0.020	Acre	44.951496	-74.908530	Section 404
ES6-W-039	PSS	0.041	Acre	44.952072	-74.910719	Section 404
ES6-W-040	PSS	0.013	Acre	44.882927	-74.990875	Section 404
ES6-W-041	PSS	0.066	Acre	44.881162	-74.992524	Section 404
ES6-W-042	PSS	0.085	Acre	44.881099	-74.992413	Section 404
ES6-W-043	PSS	0.087	Acre	44.883031	-74.990386	Section 404
ES6-W-045	PSS	0.323	Acre	44.877947	-74.994782	Section 404
ES6-W-046	PSS	0.065	Acre	44.879421	-74.993381	Section 404
ES6-W-047	PEM	0.023	Acre	44.877058	-74.996353	Section 404
ES6-W-048	PEM	0.006	Acre	44.876389	-74.996904	Section 404
ES6-W-049	PSS	1.775	Acre	44.870666	-75.001649	Section 404
ES6-W-050	PEM	0.012	Acre	44.864381	-75.006910	Section 404

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ES6-W-051	PEM	0.006	Acre	44.861252	-75.009297	Section 404
ES6-W-052	PEM	0.008	Acre	44.860397	-75.010032	Section 404
ES6-W-053	PSS	0.984	Acre	44.854284	-75.015437	Section 404
ES6-W-054	PSS	1.339	Acre	44.846760	-75.021837	Section 404
ES6-W-055	PSS	0.591	Acre	44.829476	-75.036491	Section 404
ES6-W-056	PSS	0.061	Acre	44.827533	-75.037932	Section 404
ES6-W-057	PEM	0.009	Acre	44.826528	-75.038301	Section 404
ES6-W-058	PEM	0.009	Acre	44.825260	-75.039594	Section 404
ES6-W-059	PSS	0.026	Acre	44.824716	-75.040078	Section 404
ES6-W-060	PSS	0.053	Acre	44.824053	-75.040652	Section 404
ES6-W-061	PSS	0.011	Acre	44.823435	-75.041499	Section 404
ES6-W-062	PEM	0.465	Acre	44.821097	-75.043147	Section 404
ES6-W-063	PSS	0.072	Acre	44.819243	-75.044603	Section 404
ES6-W-064	PSS	1.336	Acre	44.814660	-75.048469	Section 404
ES6-W-065	PEM	0.013	Acre	44.807852	-75.054526	Section 404
ES6-W-066	PEM	0.408	Acre	44.805630	-75.056041	Section 404
ES6-W-067	PEM	0.111	Acre	44.803572	-75.057887	Section 404
ES6-W-068	PSS	0.136	Acre	44.801983	-75.059240	Section 404
ES6-W-069	PSS	0.464	Acre	44.798094	-75.062510	Section 404
ES7-W-001	PSS	0.059	Acre	44.763466	-75.090064	Section 404
ES7-W-002	PSS	0.078	Acre	44.764512	-75.089339	Section 404
ES7-W-003	PSS	0.038	Acre	44.757177	-75.094875	Section 404
ES7-W-004-1	PEM	0.066	Acre	44.748643	-75.101184	Section 404
ES7-W-004-2	PSS	0.084	Acre	44.748074	-75.101443	Section 404
ES7-W-005	PSS	0.052	Acre	44.746493	-75.102570	Section 404
ES7-W-006	PSS	0.013	Acre	44.793988	-75.066398	Section 404
HA2-11	PEM	1.242	Acre	44.555481	-75.200151	Section 404
HA2-12-1	PEM	0.608	Acre	44.548612	-75.201464	Section 404
HA2-12-2	PSS	0.970	Acre	44.547954	-75.201989	Section 404
HA2-13-1	PEM	0.299	Acre	44.546208	-75.202338	Section 404
HA2-13-2	PSS	0.532	Acre	44.546432	-75.202541	Section 404
HA2-14-1	PEM	0.450	Acre	44.541278	-75.203003	Section 404
HA2-14-2	PSS	1.079	Acre	44.541305	-75.202992	Section 404
HA2-15	PEM	0.423	Acre	44.534017	-75.203960	Section 404
HA2-17	PSS	1.331	Acre	44.530153	-75.204387	Section 404
HA2-18	PSS	0.117	Acre	44.526356	-75.205575	Section 404

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HA2-19-1	PEM	7.652	Acre	44.525411	-75.205275	Section 404
HA2-19-2	PSS	1.456	Acre	44.523571	-75.205545	Section 404
HA2-2	PEM	0.061	Acre	44.587410	-75.192382	Section 404
HA2-21	PEM	1.503	Acre	44.515965	-75.206704	Section 404
HA2-24	PEM	0.841	Acre	44.508416	-75.207851	Section 404
HA2-25	PSS	1.339	Acre	44.505163	-75.208445	Section 404
HA2-27	PSS	4.966	Acre	44.497221	-75.209609	Section 404
HA2-28	PEM	3.800	Acre	44.491570	-75.210908	Section 404
HA2-29-1	PEM	0.044	Acre	44.487299	-75.214332	Section 404
HA2-29-2	PSS	7.732	Acre	44.487778	-75.213281	Section 404
HA2-3-1	PEM	0.073	Acre	44.585694	-75.192468	Section 404
HA2-3-2	PUB	0.107	Acre	44.585561	-75.192480	Section 404
HA2-30-1	PEM	2.539	Acre	44.478073	-75.216499	Section 404
HA2-30-2	PFO	0.357	Acre	44.477867	-75.216071	Section 404
HA2-31	PEM	3.503	Acre	44.463870	-75.207626	Section 404
HA2-32	PEM	0.269	Acre	44.450611	-75.207010	Section 404
HA2-33	PUB	0.351	Acre	44.444748	-75.206186	Section 404
HA2-34	PSS	1.219	Acre	44.435321	-75.205918	Section 404
HA2-36	PEM	0.215	Acre	44.431226	-75.205599	Section 404
HA2-38	PSS	0.456	Acre	44.428859	-75.205325	Section 404
HA2-39-1	PEM	38.186	Acre	44.415500	-75.204519	Section 404
HA2-39-2	PSS	5.077	Acre	44.419409	-75.204459	Section 404
HA2-4	PEM	0.306	Acre	44.581916	-75.193712	Section 404
HA2-44-1	PEM	2.258	Acre	44.398715	-75.203420	Section 404
HA2-44-2	PSS	0.348	Acre	44.398957	-75.202755	Section 404
HA2-46	PSS	0.881	Acre	44.385380	-75.209770	Section 404
HA2-48	PSS	2.174	Acre	44.378605	-75.214136	Section 404
HA2-49-1	PEM	11.133	Acre	44.368500	-75.220204	Section 404
HA2-49-2	PSS	2.439	Acre	44.370174	-75.219439	Section 404
HA2-5	PEM	1.033	Acre	44.576530	-75.195065	Section 404
HA2-51	PEM	0.483	Acre	44.362552	-75.223212	Section 404
HA2-52	PSS	33.156	Acre	44.843891	-75.024981	Section 404
HA2-56	PEM	2.147	Acre	44.156806	-75.281190	Section 404
HA2-7	PEM	0.121	Acre	44.566633	-75.197190	Section 404
HA2-8	PEM	0.488	Acre	44.564916	-75.197706	Section 404
HA3-1	PEM	0.119	Acre	43.925222	-75.319146	Section 404

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HA3-10	PEM	0.319	Acre	43.941401	-75.315136	Section 404
HA3-11	PEM	0.138	Acre	43.943195	-75.315672	Section 404
HA3-12	PEM	0.405	Acre	43.951705	-75.315641	Section 404
HA3-13	PEM	2.625	Acre	43.953723	-75.315836	Section 404
HA3-15	PSS	0.059	Acre	43.955642	-75.316294	Section 404
HA3-17	PEM	0.119	Acre	43.957430	-75.316121	Section 404
HA3-19	PEM	0.097	Acre	43.958245	-75.316438	Section 404
HA3-20-1	PEM	0.808	Acre	43.960443	-75.316406	Section 404
HA3-20-2	PSS	0.087	Acre	43.960733	-75.315853	Section 404
HA3-22	PEM	0.520	Acre	43.964166	-75.316558	Section 404
HA3-23	PEM	2.514	Acre	43.966066	-75.316597	Section 404
HA3-24	PEM	0.186	Acre	43.968522	-75.317008	Section 404
HA3-4	PSS	0.203	Acre	43.927104	-75.318421	Section 404
HA3-44	PEM	0.838	Acre	43.973590	-75.316762	Section 404
HA3-46	PEM	0.383	Acre	43.977931	-75.316996	Section 404
HA3-47-1	PEM	3.393	Acre	43.983710	-75.317492	Section 404
HA3-47-2	PSS	1.330	Acre	43.982822	-75.317253	Section 404
HA3-48	PEM	0.143	Acre	43.990480	-75.318119	Section 404
HA3-50	PEM	0.070	Acre	43.998247	-75.317648	Section 404
HA3-52	PEM	0.222	Acre	44.000381	-75.317994	Section 404
HA3-53	PEM	0.133	Acre	44.002200	-75.318057	Section 404
HA3-54	PEM	0.036	Acre	44.002475	-75.318666	Section 404
HA3-55	PEM	1.893	Acre	44.006002	-75.318494	Section 404
HA3-58	PEM	0.264	Acre	44.009983	-75.318592	Section 404
HA3-59	PEM	0.160	Acre	44.012830	-75.319018	Section 404
HA3-60	PEM	0.294	Acre	44.015039	-75.318943	Section 404
HA3-61	PEM	0.583	Acre	44.021382	-75.319268	Section 404
HA3-63	PEM	0.158	Acre	44.022226	-75.319106	Section 404
HA3-64	PEM	0.367	Acre	44.022866	-75.319302	Section 404
HA3-65	PEM	2.436	Acre	44.024963	-75.318644	Section 404
HA3-66	PEM	0.972	Acre	44.032632	-75.315697	Section 404
HA3-68	PEM	0.083	Acre	44.034494	-75.314887	Section 404
HA3-7	PEM	0.190	Acre	43.935041	-75.315724	Section 404
HA3-70-1	PEM	0.373	Acre	44.035118	-75.315177	Section 404
HA3-70-2	PSS	0.175	Acre	44.035133	-75.315432	Section 404
HA3-71-1	PEM	1.357	Acre	44.036771	-75.314515	Section 404

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HA3-71-2	PSS	0.035	Acre	44.036973	-75.314800	Section 404
HA3-72	PEM	2.771	Acre	44.040086	-75.313246	Section 404
HA3-74-1	PEM	0.423	Acre	44.044435	-75.311596	Section 404
HA3-74-2	PSS	0.058	Acre	44.044455	-75.312100	Section 404
HA3-75-1	PEM	9.183	Acre	44.050838	-75.309409	Section 404
HA3-75-2	PSS	0.395	Acre	44.050845	-75.309569	Section 404
HA3-75-3	PUB	0.079	Acre	44.049826	-75.309995	Section 404
HA3-77-1	PEM	4.885	Acre	44.061529	-75.305515	Section 404
HA3-77-2	PSS	0.440	Acre	44.060008	-75.306102	Section 404
HA3-79	PEM	0.164	Acre	44.066222	-75.304221	Section 404
HA3-8	PEM	0.549	Acre	43.936985	-75.315121	Section 404
HA3-80	PEM	0.085	Acre	44.066102	-75.303579	Section 404
HA3-81	PEM	0.213	Acre	44.067678	-75.303478	Section 404
HA3-82	PEM	0.036	Acre	44.076008	-75.299961	Section 404
HA3-83-1	PEM	4.785	Acre	44.082558	-75.297955	Section 404
HA3-83-2	PSS	0.061	Acre	44.081733	-75.298847	Section 404
HA3-86	PEM	3.134	Acre	44.151289	-75.280304	Section 404
HA3-87	PEM	0.352	Acre	44.153287	-75.280276	Section 404
HA3-88	PEM	1.592	Acre	44.154715	-75.280910	Section 404
HA3-9-1	PEM	0.314	Acre	43.938355	-75.315280	Section 404
HA3-9-2	PSS	0.046	Acre	43.938318	-75.314738	Section 404
HA3-A	PEM	3.079	Acre	44.144744	-75.279305	Section 404
HA3-B	PEM	0.118	Acre	44.141730	-75.279097	Section 404
HA3-C	PEM	0.130	Acre	44.141214	-75.278869	Section 404
HA3-D	PEM	0.245	Acre	44.140526	-75.278635	Section 404
HA3-E	PEM	0.053	Acre	44.139781	-75.278692	Section 404
HA3-F	PEM	0.014	Acre	44.140018	-75.278792	Section 404
HA3-G	PEM	0.038	Acre	44.138993	-75.278726	Section 404
HA3-H	PEM	0.746	Acre	44.135975	-75.277769	Section 404
HA3-I	PEM	1.056	Acre	44.131774	-75.277342	Section 404
HA3-J	PEM	0.069	Acre	44.134092	-75.277486	Section 404
HA3-L	PEM	0.132	Acre	44.128036	-75.278771	Section 404
HA3-M	PEM	0.143	Acre	44.126899	-75.279326	Section 404
HA3-N	PEM	0.040	Acre	44.126589	-75.279211	Section 404
HA3-O	PEM	1.244	Acre	44.123167	-75.280858	Section 404
HA3-P	PEM	0.778	Acre	44.119997	-75.282424	Section 404

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HA3-Q	PEM	0.536	Acre	44.117365	-75.283502	Section 404
HA3-R	PEM	2.661	Acre	44.114842	-75.284516	Section 404
HA3-S	PEM	0.380	Acre	44.115903	-75.284486	Section 404
HA3-U-1	PEM	0.889	Acre	44.106658	-75.288478	Section 404
HA3-U-2	PSS	0.370	Acre	44.106455	-75.288708	Section 404
HA3-V	PEM	6.028	Acre	44.100139	-75.291037	Section 404
HA3-W	PEM	2.344	Acre	44.091691	-75.294766	Section 404
HA3-X	PSS	0.197	Acre	44.088113	-75.295750	Section 404
HA4-W-001	PEM	0.003	Acre	43.991949	-75.318673	Section 404
HA4-W-002	PEM	0.015	Acre	43.992804	-75.319077	Section 404
HA4-W-003	PEM	0.009	Acre	43.996079	-75.319601	Section 404
HA4-W-004	PEM	0.019	Acre	43.996965	-75.320100	Section 404
HA4-W-006	PEM	0.017	Acre	43.998379	-75.319929	Section 404
HA4-W-007	PEM	0.005	Acre	43.998952	-75.320113	Section 404
HA4-W-008	PEM	0.009	Acre	44.001595	-75.320576	Section 404
HA4-W-009	PEM	0.013	Acre	44.003946	-75.320961	Section 404
HA4-W-011	PEM	0.001	Acre	44.004644	-75.321272	Section 404
HA4-W-012-1	PEM	0.010	Acre	44.006146	-75.321031	Section 404
HA4-W-012-2	PFO	0.035	Acre	44.006101	-75.320879	Section 404
HA4-W-013	PEM	0.002	Acre	44.008439	-75.321918	Section 404
HA4-W-014	PEM	0.011	Acre	44.117164	-75.290783	Section 404
HA4-W-015	PFO	0.008	Acre	44.117166	-75.289425	Section 404
HA4-W-016	PEM	0.006	Acre	44.118876	-75.285814	Section 404
HA4-W-017	PEM	0.014	Acre	44.121055	-75.279916	Section 404
HA4-W-018	PEM	0.007	Acre	44.121656	-75.278910	Section 404
HA4-W-019	PEM	0.058	Acre	44.118487	-75.283591	Section 404
HA4-W-021	PEM	0.026	Acre	44.127332	-75.281026	Section 404
HA4-W-022	PEM	0.026	Acre	44.133430	-75.276587	Section 404
HA4-W-023	PEM	0.045	Acre	44.130863	-75.276936	Section 404
HA4-W-024	PEM	0.005	Acre	44.157590	-75.280178	Section 404
HA4-W-025	PEM	0.030	Acre	44.157897	-75.280357	Section 404
HA4-W-026	PEM	0.006	Acre	44.159963	-75.280887	Section 404
HA4-W-027	PSS	0.050	Acre	44.160981	-75.281196	Section 404
HA4-W-028-1	PFO	0.115	Acre	44.272497	-75.229081	Section 404
HA4-W-028-2	PSS	0.167	Acre	44.272649	-75.227379	Section 404
HA4-W-029	PFO	0.036	Acre	44.272769	-75.227127	Section 404

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HA4-W-030	PFO	0.049	Acre	44.272554	-75.229500	Section 404
HA4-W-031	PFO	0.018	Acre	44.303412	-75.235341	Section 404
HA4-W-032	PSS	0.046	Acre	44.372699	-75.216375	Section 404
HA4-W-033	PEM	0.054	Acre	44.395147	-75.202430	Section 404
HA4-W-034	PSS	0.018	Acre	44.490257	-75.213181	Section 404
LB1-W-001	PEM	0.028	Acre	44.456177	-75.206294	Section 404
LB1-W-002	PEM	0.021	Acre	44.451662	-75.206068	Section 404
LB1-W-003	PSS	0.040	Acre	44.451127	-75.205930	Section 404
LB1-W-004	PSS	0.082	Acre	44.450100	-75.205789	Section 404
LB1-W-005	PEM	0.019	Acre	44.437199	-75.205298	Section 404
LB1-W-006	PSS	0.049	Acre	44.437414	-75.205520	Section 404
LB1-W-007	PSS	0.230	Acre	44.439083	-75.205311	Section 404
LB1-W-008	PSS	0.042	Acre	44.439848	-75.205240	Section 404
LB1-W-009	PEM	0.021	Acre	44.441346	-75.205314	Section 404
LB1-W-010	PEM	0.059	Acre	44.442017	-75.205877	Section 404
LB1-W-013-1	PEM	0.129	Acre	44.421142	-75.204092	Section 404
LB1-W-013-2	PSS	0.102	Acre	44.421237	-75.203986	Section 404
LB1-W-015	PSS	0.201	Acre	44.424741	-75.203958	Section 404
LB1-W-016	PSS	0.258	Acre	44.429544	-75.204279	Section 404
LB1-W-017	PEM	0.041	Acre	44.431281	-75.204450	Section 404
LB1-W-018	PSS	0.116	Acre	44.433245	-75.204761	Section 404
LB1-W-019	PEM	0.007	Acre	44.433119	-75.208281	Section 404
LB1-W-020	PEM	0.059	Acre	44.435628	-75.209704	Section 404
LB1-W-022	PEM	0.165	Acre	44.401733	-75.202573	Section 404
LB2-W-001	PEM	0.039	Acre	44.487962	-75.204594	Section 404
LB2-W-002	PEM	0.012	Acre	44.488419	-75.205417	Section 404
LB2-W-003	PEM	0.066	Acre	44.489137	-75.206123	Section 404
LB2-W-004	PEM	0.253	Acre	44.490155	-75.207315	Section 404
LB2-W-005-1	PEM	0.054	Acre	44.491501	-75.208439	Section 404
LB2-W-005-2	PSS	0.237	Acre	44.491037	-75.207782	Section 404
LB2-W-006	PEM	0.084	Acre	44.492396	-75.209387	Section 404
LB2-W-008	PEM	0.098	Acre	44.505322	-75.209351	Section 404
T-W-001	PFO	0.539	Acre	44.994960	-74.804529	Section 404
T-W-002	PEM	0.001	Acre	44.991719	-74.803743	Section 404
T-W-003	PEM	0.061	Acre	44.991112	-74.803392	Section 404
T-W-005	PFO	0.003	Acre	44.978248	-74.804131	Section 404

Site Number	Type of Aquatic Resource	Estimated amount of aquatic resource in review area (acreage and linear feet, as applicable)		Latitude	Longitude	Geographic authority to which the aquatic resource "may be subject (i.e., Section 404, Section 10, Section 404/10)
T-W-006	PEM	0.133	Acre	44.609362	-75.190669	Section 404
T-W-007	PEM	0.263	Acre	44.608564	-75.190925	Section 404
T-W-008	PFO	0.218	Acre	44.957832	-74.870168	Section 404
T-W-009	PEM	0.075	Acre	44.956995	-74.869390	Section 404
T-W-010	PFO	0.081	Acre	44.977452	-74.805897	Section 404
ES1-S-18	Ephemeral	0.010	Linear Fe	44.607891	-75.192528	Section 404
ES1-S-20	Perennial	0.235	Linear Fe	44.610243	-75.186351	Section 404
ES1-S-203	Perennial	0.224	Linear Fe	44.629817	-75.175496	Section 404
ES1-S-204	Perennial	0.149	Linear Fe	44.631120	-75.174739	Section 404
ES1-S-35	Perennial	0.032	Linear Fe	44.648215	-75.166802	Section 404
ES1-S-39	Perennial	0.044	Linear Fe	44.665532	-75.158016	Section 404
ES2-S-1	Perennial	0.424	Linear Fe	44.356001	-75.225005	Section 404
ES2-S-10	Perennial	0.203	Linear Fe	44.304359	-75.236292	Section 404
ES2-S-19	Intermittent	0.017	Linear Fe	44.269018	-75.223921	Section 404
ES2-S-21	Intermittent	0.031	Linear Fe	44.291262	-75.231905	Section 404
ES2-S-3	Perennial	0.253	Linear Fe	44.347935	-75.227185	Section 404
ES2-S-30	Perennial	0.230	Linear Fe	44.209307	-75.244010	Section 404
ES2-S-37	Perennial	0.186	Linear Fe	44.184108	-75.280467	Section 404
ES2-S-45	Perennial	0.074	Linear Fe	44.964715	-74.841376	Section 404
ES2-S-50	Perennial	0.085	Linear Fe	44.963401	-74.875571	Section 404
ES3-S-137	Perennial	0.052	Linear Fe	44.913299	-74.966357	Section 404
ES3-S-143	Intermittent	0.035	Linear Fe	44.911110	-74.968081	Section 404
ES3-S-147	Intermittent	0.027	Linear Fe	44.904924	-74.973329	Section 404
ES4-S-10	Intermittent	0.051	Linear Fe	44.687396	-75.146793	Section 404
ES4-S-22	Perennial	0.333	Linear Fe	44.706106	-75.133031	Section 404
ES4-S-4	Perennial	0.282	Linear Fe	44.683195	-75.149478	Section 404
ES5-S-001	Ephemeral	0.001	Linear Fe	44.555376	-75.200794	Section 404
ES5-S-002	Perennial	0.018	Linear Fe	44.644663	-75.169976	Section 404
ES5-S-003	Intermittent	0.005	Linear Fe	44.665504	-75.157197	Section 404
ES5-S-004	Perennial	0.016	Linear Fe	44.661140	-75.165539	Section 404
ES5-S-005	Intermittent	0.004	Linear Fe	44.618971	-75.179693	Section 404
ES5-S-006	Intermittent	0.005	Linear Fe	44.630491	-75.174044	Section 404
ES5-S-007	Intermittent	0.015	Linear Fe	44.672020	-75.153141	Section 404
ES5-S-008	Ephemeral	0.009	Linear Fe	44.671488	-75.152465	Section 404
ES5-S-009	Ephemeral	0.001	Linear Fe	44.682060	-75.148543	Section 404
ES5-S-010	Intermittent	0.002	Linear Fe	44.787352	-75.072009	Section 404

Site Number	Type of Aquatic Resource	Estimated amount of aquatic resource in review area (acreage and linear feet, as applicable)		Latitude	Longitude	Geographic authority to which the aquatic resource "may be subject (i.e., Section 404, Section 10, Section 404/10
ES5-S-011	Intermittent	0.019	Linear Fe	44.709294	-75.126964	Section 404
ES5-S-012	Intermittent	0.014	Linear Fe	44.742936	-75.105094	Section 404
ES6-S-001	Ephemeral	0.001	Linear Fe	44.960595	-74.856221	Section 404
ES6-S-002	Intermittent	0.004	Linear Fe	44.951587	-74.907719	Section 404
HA2-S-1	Perennial	0.123	Linear Fe	44.591818	-75.191291	Section 404
HA2-S-18	Intermittent	0.015	Linear Fe	44.529895	-75.204510	Section 404
HA2-S-20	Perennial	0.585	Linear Fe	44.526442	-75.204903	Section 404
HA2-S-23	Perennial	0.023	Linear Fe	44.516086	-75.206584	Section 404
HA2-S-26	Intermittent	0.013	Linear Fe	44.502039	-75.208877	Section 404
HA2-S-35	Perennial	0.010	Linear Fe	44.435619	-75.205576	Section 404
HA2-S-37	Intermittent	0.011	Linear Fe	44.431216	-75.205559	Section 404
HA2-S-40	Intermittent	0.009	Linear Fe	44.426421	-75.204886	Section 404
HA2-S-41	Perennial	1.839	Linear Fe	44.417428	-75.204743	Section 404
HA2-S-42	Intermittent	0.015	Linear Fe	44.418942	-75.204772	Section 404
HA2-S-45-1	Intermittent	0.109	Linear Fe	44.398646	-75.203400	Section 404
HA2-S-45-2	Perennial	0.013	Linear Fe	44.399415	-75.202648	Section 404
HA2-S-47	Intermittent	0.013	Linear Fe	44.385331	-75.209808	Section 404
HA2-S-50	Perennial	0.339	Linear Fe	44.370753	-75.218807	Section 404
HA2-S-55	Perennial	0.042	Linear Fe	44.164774	-75.282440	Section 404
HA2-S-6	Intermittent	0.016	Linear Fe	44.566742	-75.197359	Section 404
HA3-S-14	Perennial	0.190	Linear Fe	43.954393	-75.315904	Section 404
HA3-S-16	Intermittent	0.011	Linear Fe	43.941349	-75.315515	Section 404
HA3-S-18	Intermittent	0.017	Linear Fe	43.957434	-75.316092	Section 404
HA3-S-2	Perennial	0.796	Linear Fe	43.926299	-75.318647	Section 404
HA3-S-21	Perennial	0.016	Linear Fe	43.960703	-75.316261	Section 404
HA3-S-45	Perennial	0.103	Linear Fe	43.973624	-75.316736	Section 404
HA3-S-49	Intermittent	0.037	Linear Fe	43.993539	-75.317654	Section 404
HA3-S-51	Perennial	0.034	Linear Fe	43.982800	-75.317413	Section 404
HA3-S-56	Perennial	0.032	Linear Fe	44.006179	-75.318354	Section 404
HA3-S-57	Perennial	0.573	Linear Fe	44.009633	-75.318696	Section 404
HA3-S-62	Perennial	0.018	Linear Fe	44.021347	-75.319242	Section 404
HA3-S-67	Perennial	0.009	Linear Fe	44.032624	-75.316153	Section 404
HA3-S-69	Perennial	0.158	Linear Fe	44.034947	-75.315095	Section 404
HA3-S-73	Perennial	0.019	Linear Fe	44.039633	-75.313395	Section 404
HA3-S-76	Perennial	0.037	Linear Fe	44.048357	-75.310411	Section 404
HA3-S-78	Perennial	0.272	Linear Fe	44.062052	-75.305343	Section 404

Site Number	Type of Aquatic Resource	Estimated amount of aquatic resource in review area (acreage and linear feet, as applicable)		Latitude	Longitude	Geographic authority to which the aquatic resource "may be subject (i.e., Section 404, Section 10, Section 404/10
HA3-A-S	Perennial	0.224	Linear Fe	44.145535	-75.279129	Section 404
HA3-D-S	Perennial	0.028	Linear Fe	44.140576	-75.278589	Section 404
HA3-I-S	Perennial	0.010	Linear Fe	44.132475	-75.277507	Section 404
HA3-K-S	Perennial	0.012	Linear Fe	44.129094	-75.278414	Section 404
HA3-T-S	Perennial	0.007	Linear Fe	44.109041	-75.287243	Section 404
HA3-V-S	Perennial	0.389	Linear Fe	44.101326	-75.290503	Section 404
HA3-W-S	Perennial	0.319	Linear Fe	44.091426	-75.294820	Section 404
HA4-S-005	Ephemeral	0.001	Linear Fe	43.997079	-75.320318	Section 404
HA4-S-010	Perennial	0.004	Linear Fe	44.004618	-75.321355	Section 404
HA4-S-015	Perennial	0.005	Linear Fe	44.118966	-75.285920	Section 404
HA4-S-020	Intermittent	0.001	Linear Fe	44.126547	-75.281133	Section 404
LB1-S-001	Perennial	0.009	Linear Fe	44.414873	-75.203241	Section 404
LB1-S-002	Perennial	0.012	Linear Fe	44.414258	-75.203319	Section 404
LB1-S-003a	Perennial	0.002	Linear Fe	44.418885	-75.203496	Section 404
LB1-S-003b	Intermittent	0.003	Linear Fe	44.418863	-75.203593	Section 404
LB1-S-004	Perennial	0.005	Linear Fe	44.424800	-75.203924	Section 404
LB1-S-005a	Perennial	0.001	Linear Fe	44.427278	-75.204512	Section 404
LB1-S-005b	Perennial	0.013	Linear Fe	44.427183	-75.204603	Section 404
LB1-S-006	Intermittent	0.001	Linear Fe	44.431253	-75.204513	Section 404
LB1-S-007a	Perennial	0.004	Linear Fe	44.435447	-75.209591	Section 404
LB1-S-007b	Perennial	0.005	Linear Fe	44.435451	-75.209691	Section 404
LB1-S-008	Perennial	0.007	Linear Fe	44.435543	-75.209730	Section 404
LB1-S-009	Perennial	0.027	Linear Fe	44.435916	-75.210383	Section 404
T-S-001	Ephemeral	0.001	Linear Fe	44.605200	-75.191711	Section 404
T-S-002	Ephemeral	0.007	Linear Fe	44.606225	-75.191992	Section 404
T-S-003	Ephemeral	0.002	Linear Fe	44.610516	-75.189057	Section 404
T-S-004	Ephemeral	0.002	Linear Fe	44.610514	-75.188764	Section 404
T-S-005	Ephemeral	0.021	Linear Fe	44.959694	-74.855612	Section 404
ES1-S-23	Perennial	1.299	Linear Fe	44.611153	-75.184458	Section 10
ES2-S-13	Perennial	0.593	Linear Fe	44.302430	-75.235609	Section 10
ES3-S-1	Perennial	8.053	Linear Fe	44.999169	-74.805350	Section 10
ES3-S-138	Perennial	2.407	Linear Fe	44.912261	-74.967187	Section 10
ES3-S-40	Perennial	5.879	Linear Fe	44.985001	-74.802068	Section 10
ES3-S-78	Perennial	1.610	Linear Fe	44.954043	-74.912172	Section 10

SUPPORTING DATA. Data reviewed for PJD (check all that apply)

Checked items should be included in subject file. Appropriately reference sources below where indicated for all checked items:

- ☒ Maps, plans, plots or plat submitted by or on behalf of the PJD requestor:
Map: NWI, NYSDEC FWW, Soil
- ☒ Data sheets prepared/submitted by or on behalf of the PJD requestor.
 - ☒ Office concurs with data sheets/delineation report.
 - ☐ Office does not concur with data sheets/delineation report. Rationale:
- ☐ Data sheets prepared by the Corps:
- ☐ Corps navigable waters' study:
- ☐ U.S. Geological Survey Hydrologic Atlas:
 - ☐ USGS NHD data.
 - ☐ USGS 8 and 12 digit HUC maps.
- ☒ U.S. Geological Survey map(s). Cite scale & quad name: **24000k; Canton, New York**
- ☒ Natural Resources Conservation Service Soil Survey. Citation: **Web Soil Survey**
Dozens of soil types were identified along the existing 86-mile ROW and the 1-mile proposed new ROW. Details are contained in the submittal which is part of the administrative file.
- ☒ National wetlands inventory map: Cite name: **Canton, New York**
- ☒ State/local wetland inventory map: **Canton, New York**
- ☐ FEMA/FIRM maps:
- ☐ 100-year Floodplain Elevation is: . (National Geodetic Vertical Datum of 1929)
- ☒ Photographs:
 - ☒ Aerial (Name & Date): **Google Earth; ESRI**
 - ☒ Other (Name & Date): **Submitted with application**
- ☐ Previous determination(s). File no. and date of response letter:
- ☐ Other information (please specify):

IMPORTANT NOTE: The information recorded on this form has not necessarily been verified by the Corps and should not be relied upon for later jurisdictional determinations.

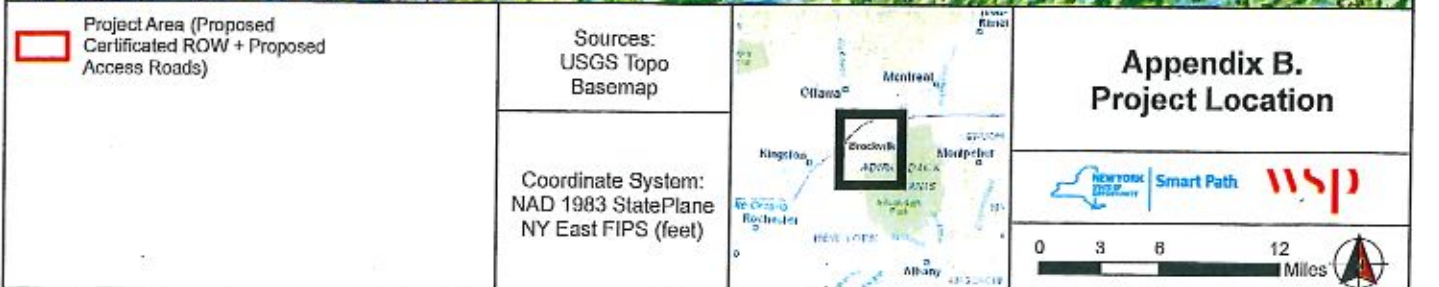
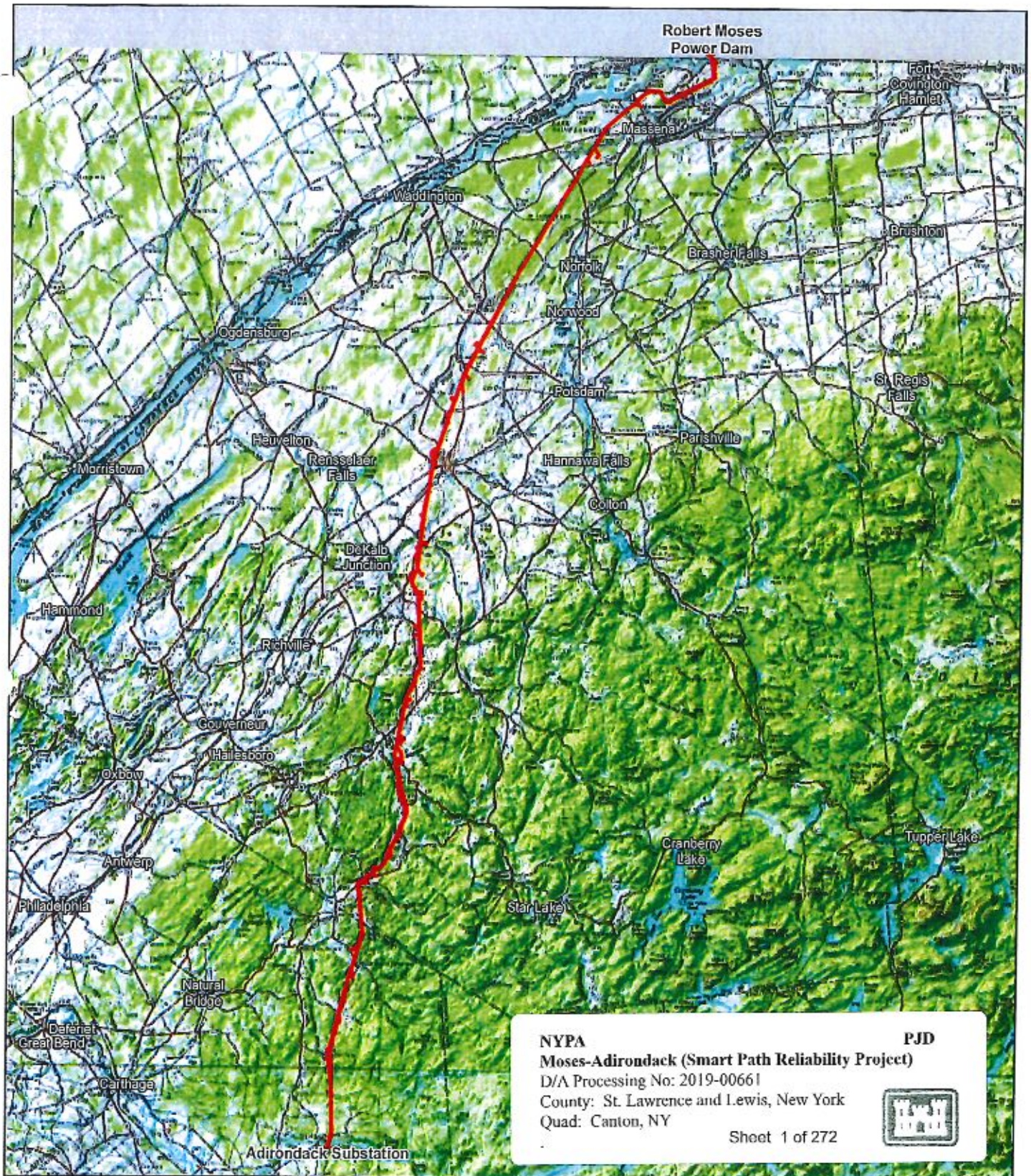
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3 Judy Robinson Date: 2020.01.07 15:25:05
Signature and date of Regulatory
staff member completing PJD

Mark K Malone

DATED: 1/10/2020
Signature and date of person requesting PJD
(REQUIRED, unless obtaining the signature
is impracticable)¹

¹ Districts may establish timeframes for requestor to return signed PJD forms. If the requestor does not respond within the established time frame, the district may presume concurrence and no additional follow up is necessary prior to finalizing an action.



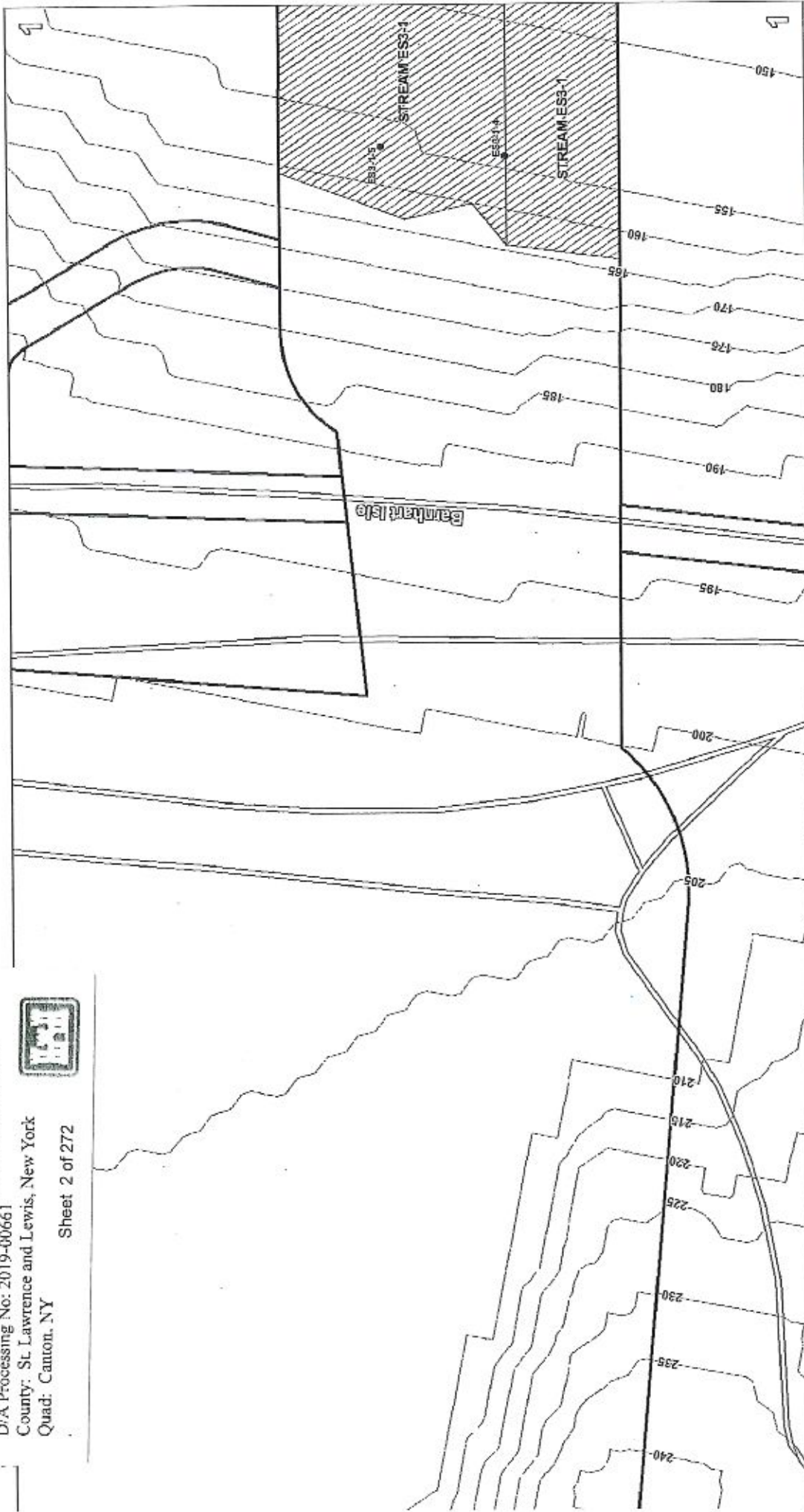
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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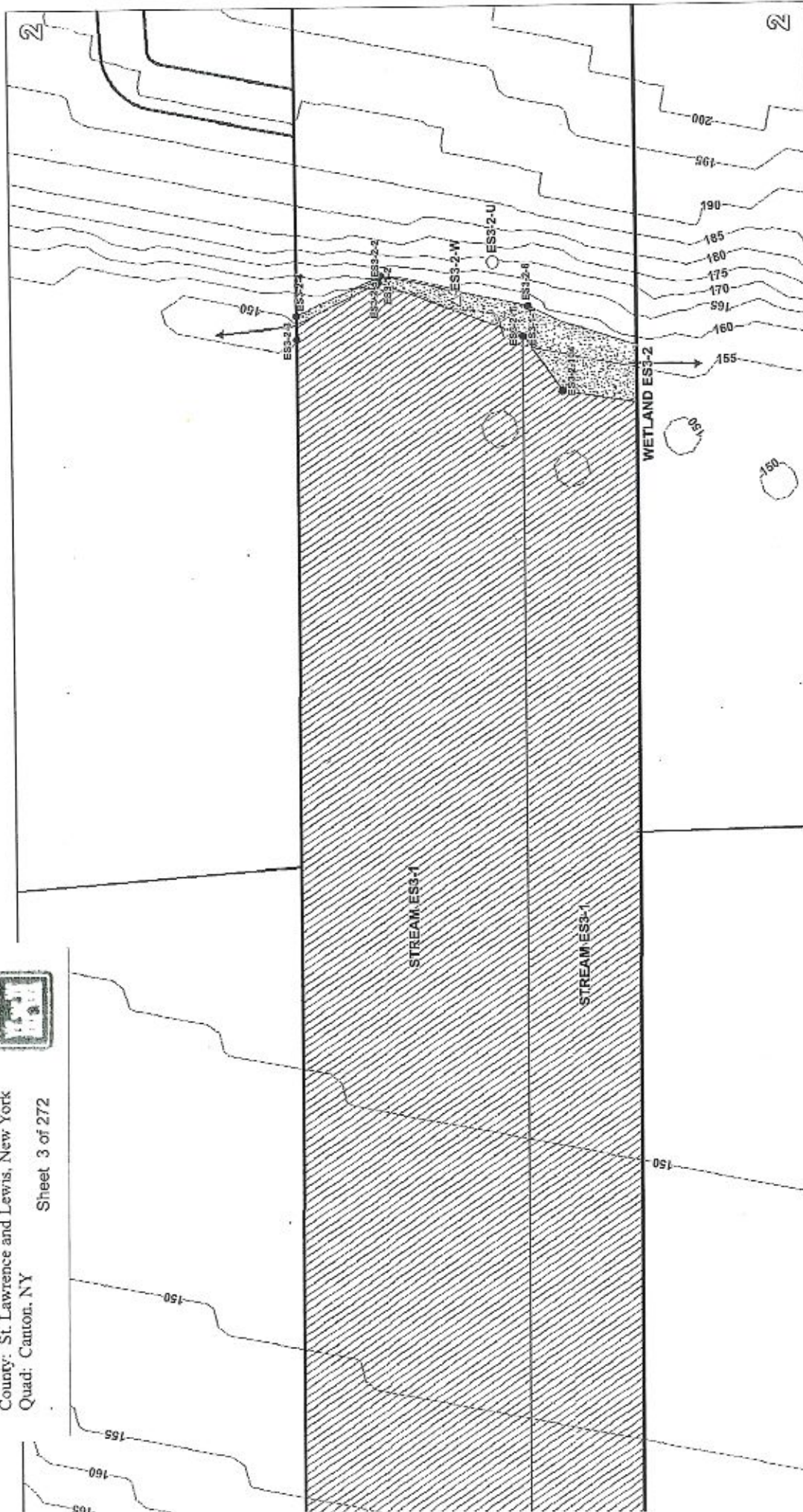
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 1 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

NYPA
HALEY
ADIRONDACK

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 3 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

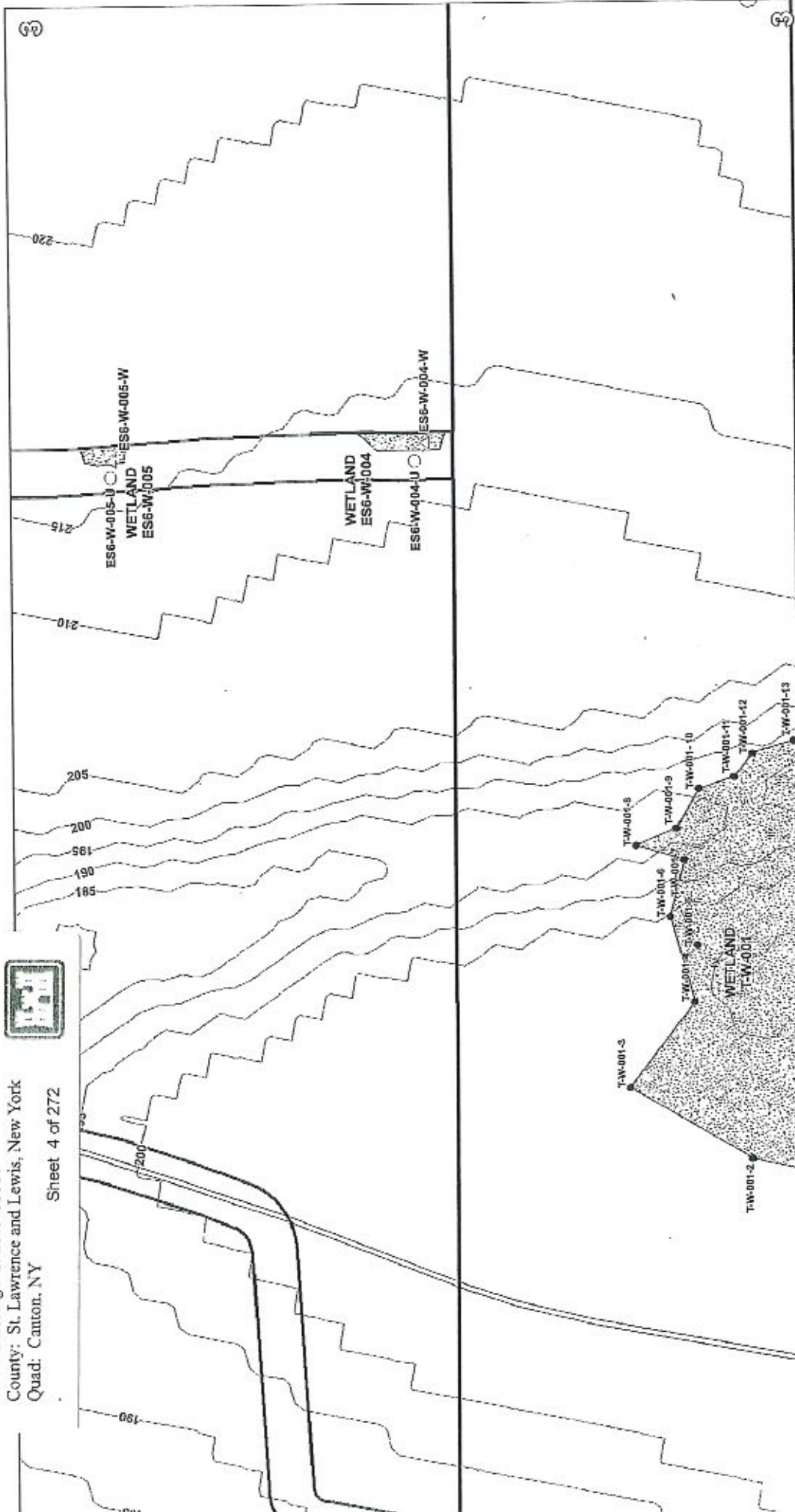
Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 2 of 271

Quadrate System: State Para New York East
 Projection: Transverse Mercator
 Datum: North American 83
 Units: Feet US

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 4 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

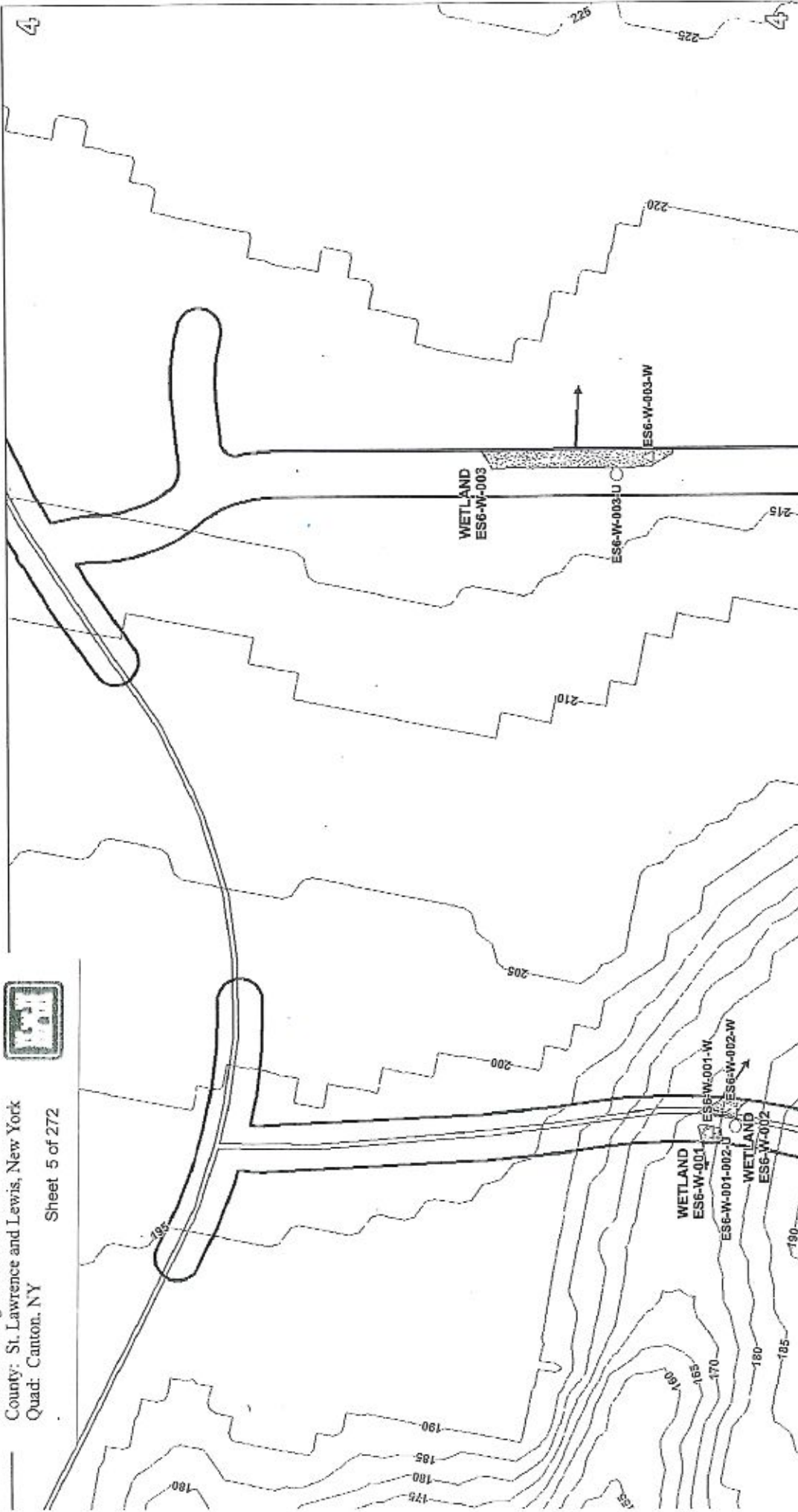
↑ Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 3 of 271

Coordinate System: State Plane New York State
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

0 100 200 Feet



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

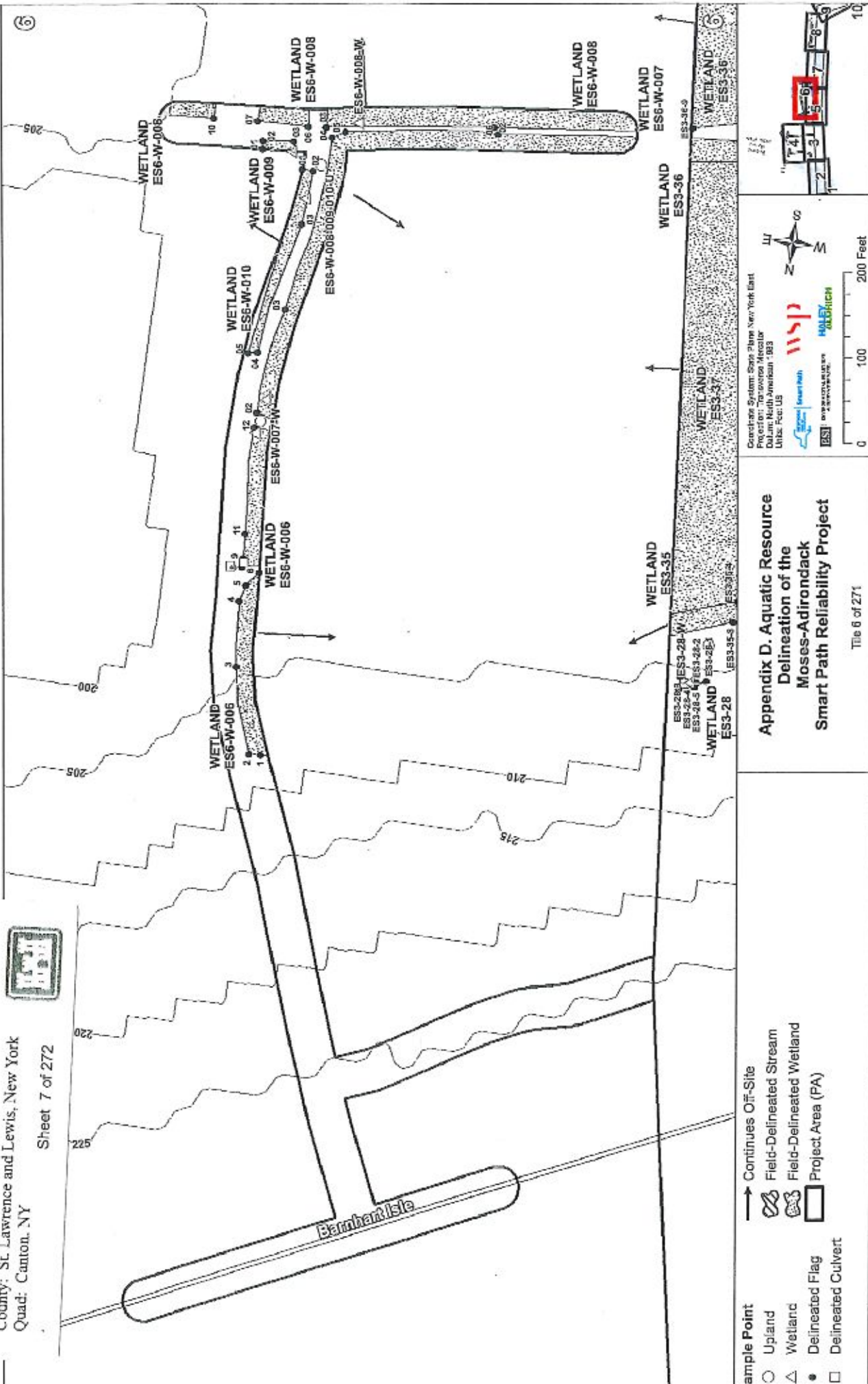
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 4 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

ESU SmartPath WSP MALEY ADIRONDACK

0 100 200 Feet

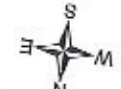


- ample Point
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 6 of 271

Conception System: Esri Shapefile New York East
 Projection: The source Metacat
 Datum: North American 1983
 Units: Feet US

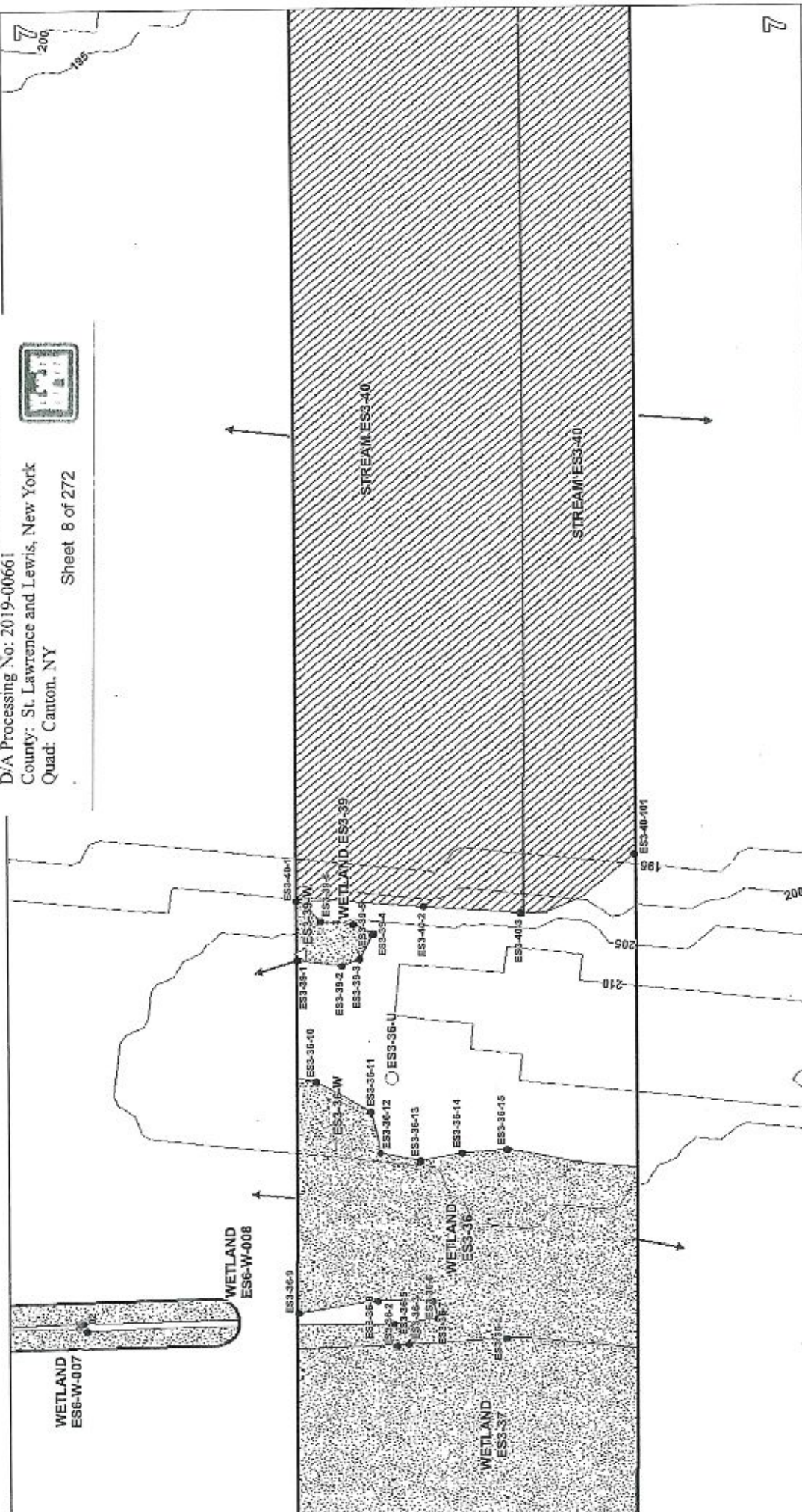


0 100 200 Feet



D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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☐ Delineate

Project Area (PA)

Sample Point

- ☐ Upland
- ☐ Wetland
- ☒ Delineated Flag
- ☐ Delineated Culvert

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 7 of 271

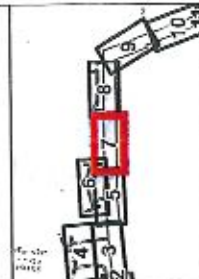
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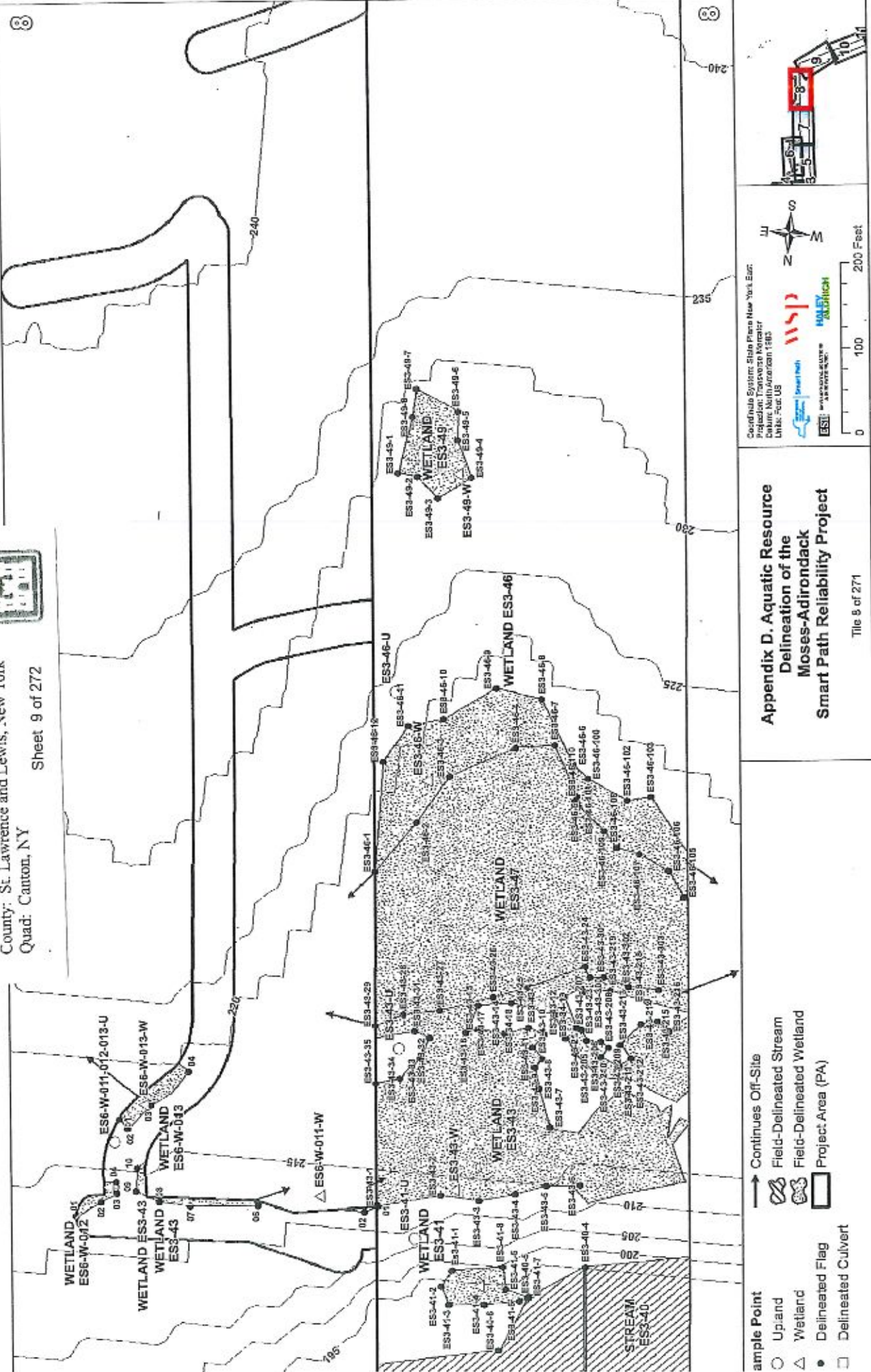
Under \$50 US

STAY SMART. STAY ALIVE.
A PROTECTIVE, NOT A PREVENTIVE, MEASURE.

200 Feet





- sample Point
 ○ Up and
 △ Wetland
 ● Delineated Flag
 □ Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 5 of 271

Coordinate System: State Plane New York East
 Datum: North American 1983
 Units: Feet US

wsp
 Smart Path
 HALEY
 HALEY

0 100 200 Feet

P.D.

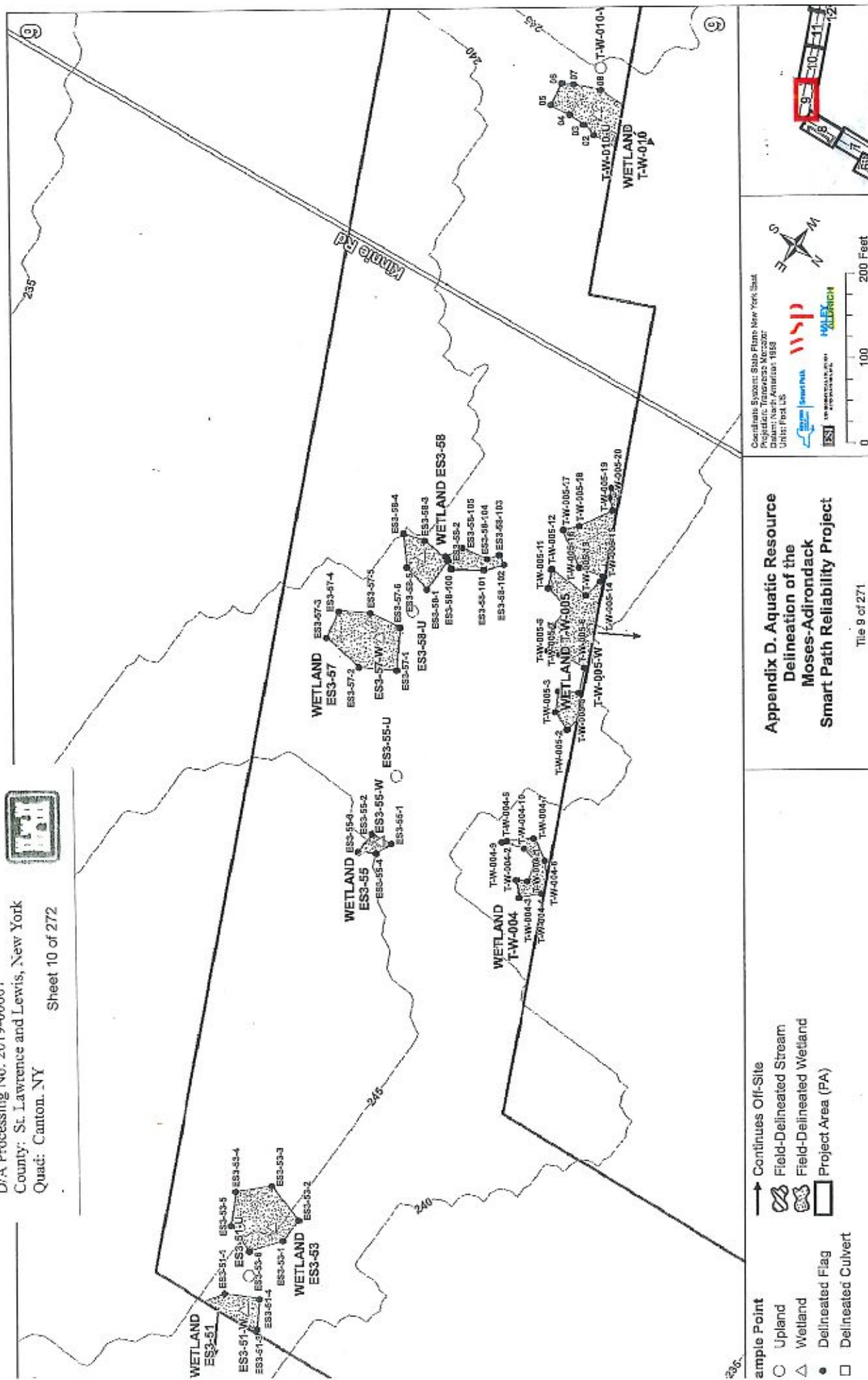
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

File 9 of 271

Coordinates System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983



200 Feet

100

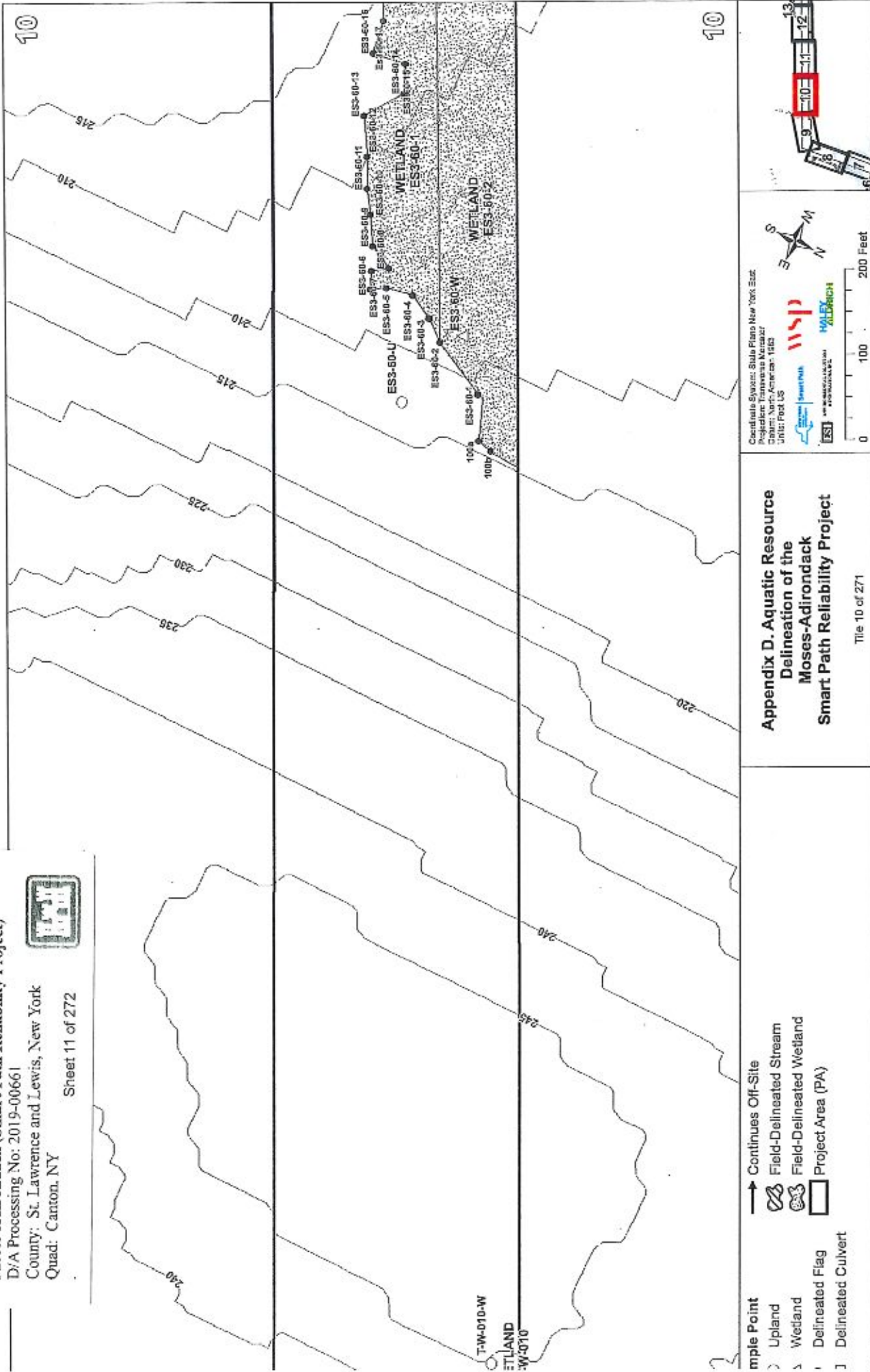
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

Sheet 11 of 272



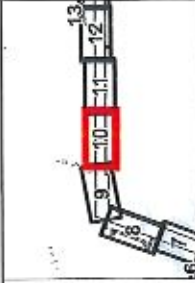
**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 10 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Foot US



0 100 200 Feet



НУРА

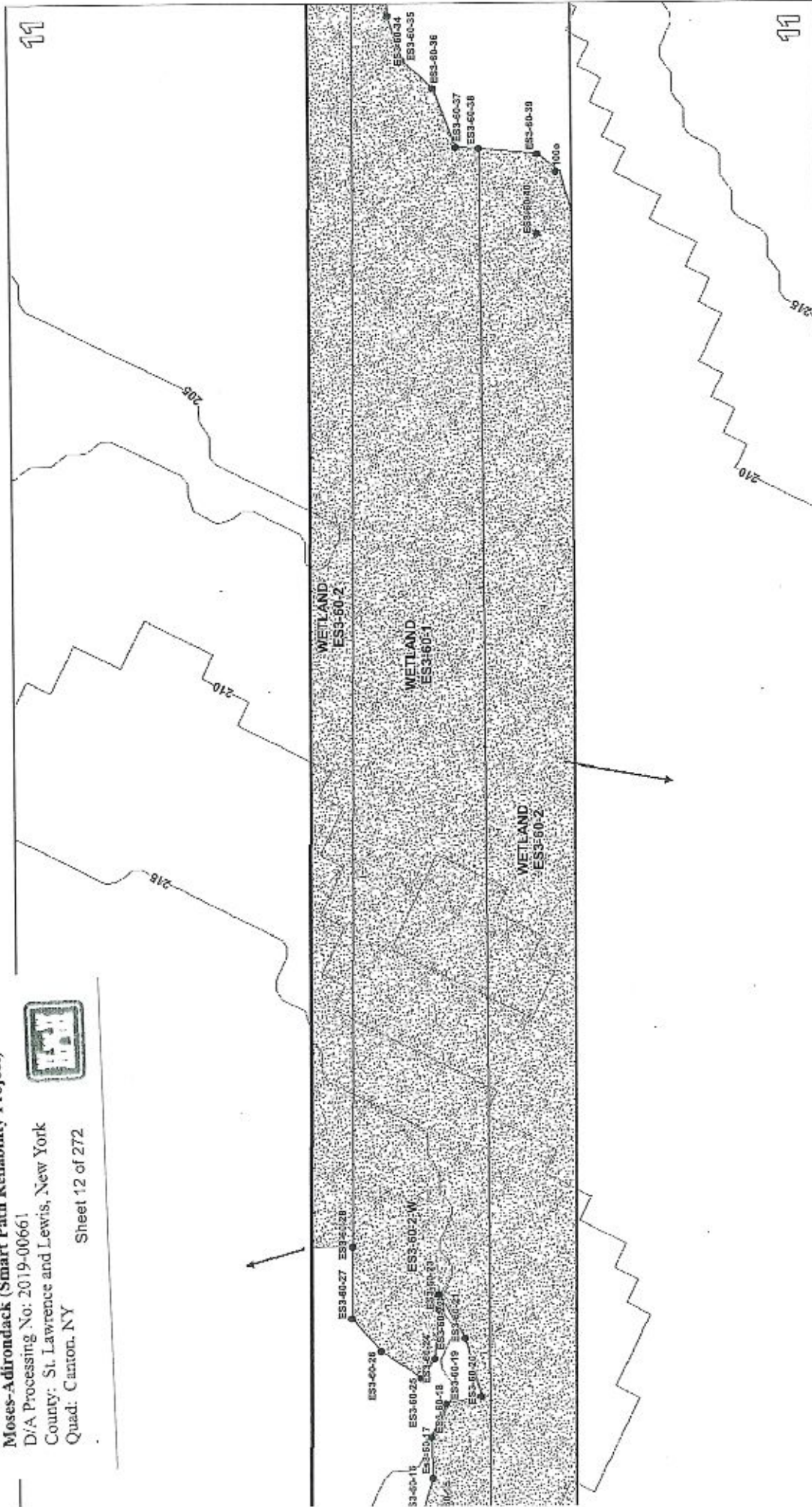
NYPA
Smart Path Reliability Project

Moises-Aullonack (Santos)
D/A Processing No: 2019-00661

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County: St. Lawrence
Quad: Canton, NY

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Example Point

Upland

Wetland

- Delineate

Delineate

→ Continues Off-Site

 Field-Delineated Stream

Field-Delineated Wetland

Project Area (PA)

Delineated Culvert

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 11 of 271

Cardinalo Systems Staff Plans New York East
 Projected: Transverse Mercator
 Datum: North American '83
 Units: Feet, 118



1151

EST ESTABLISHED 1974
WILEY-INTERSCIENCE



County: St. Lawrence and Lewis, New York

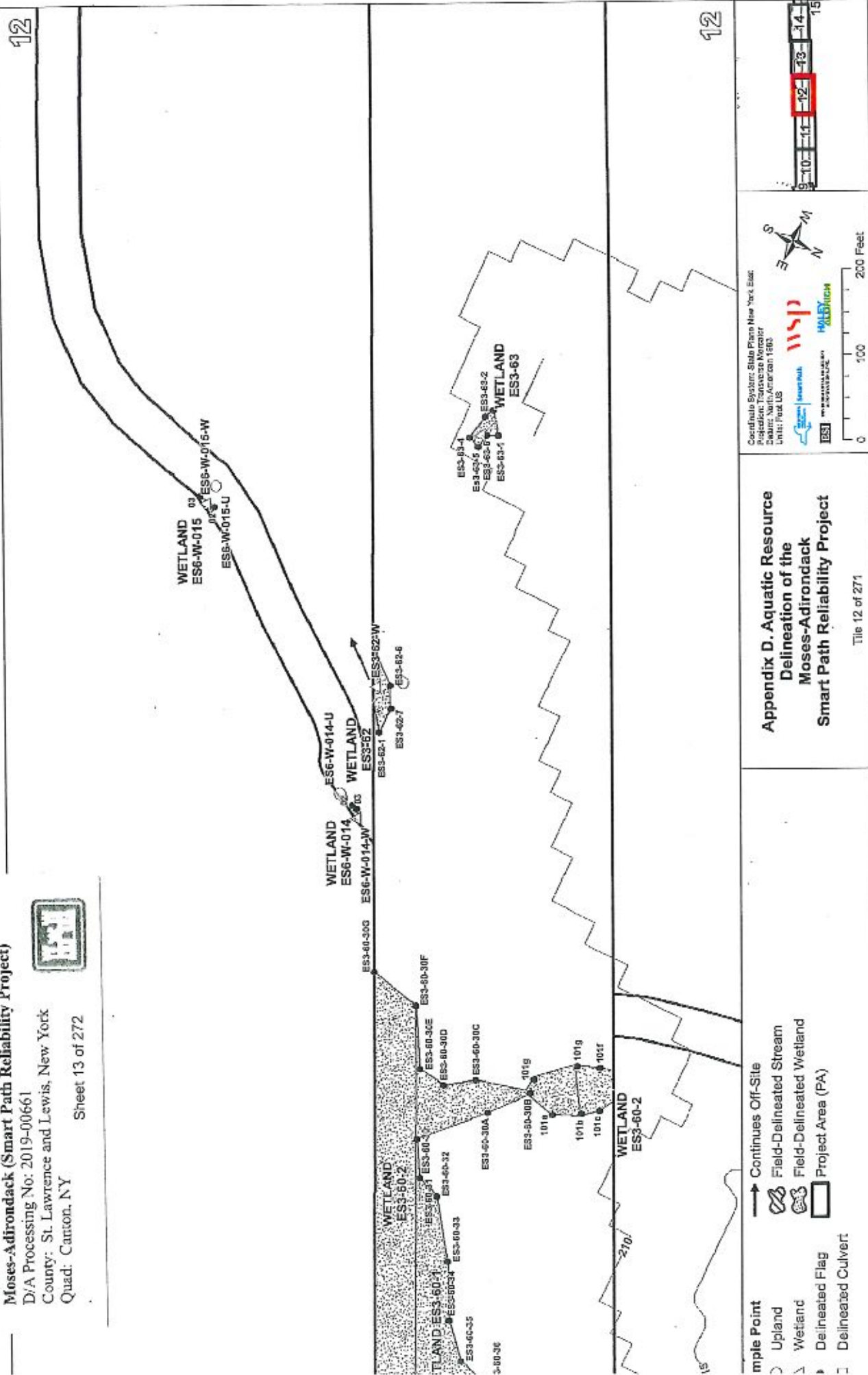
Sheet 13 of 272

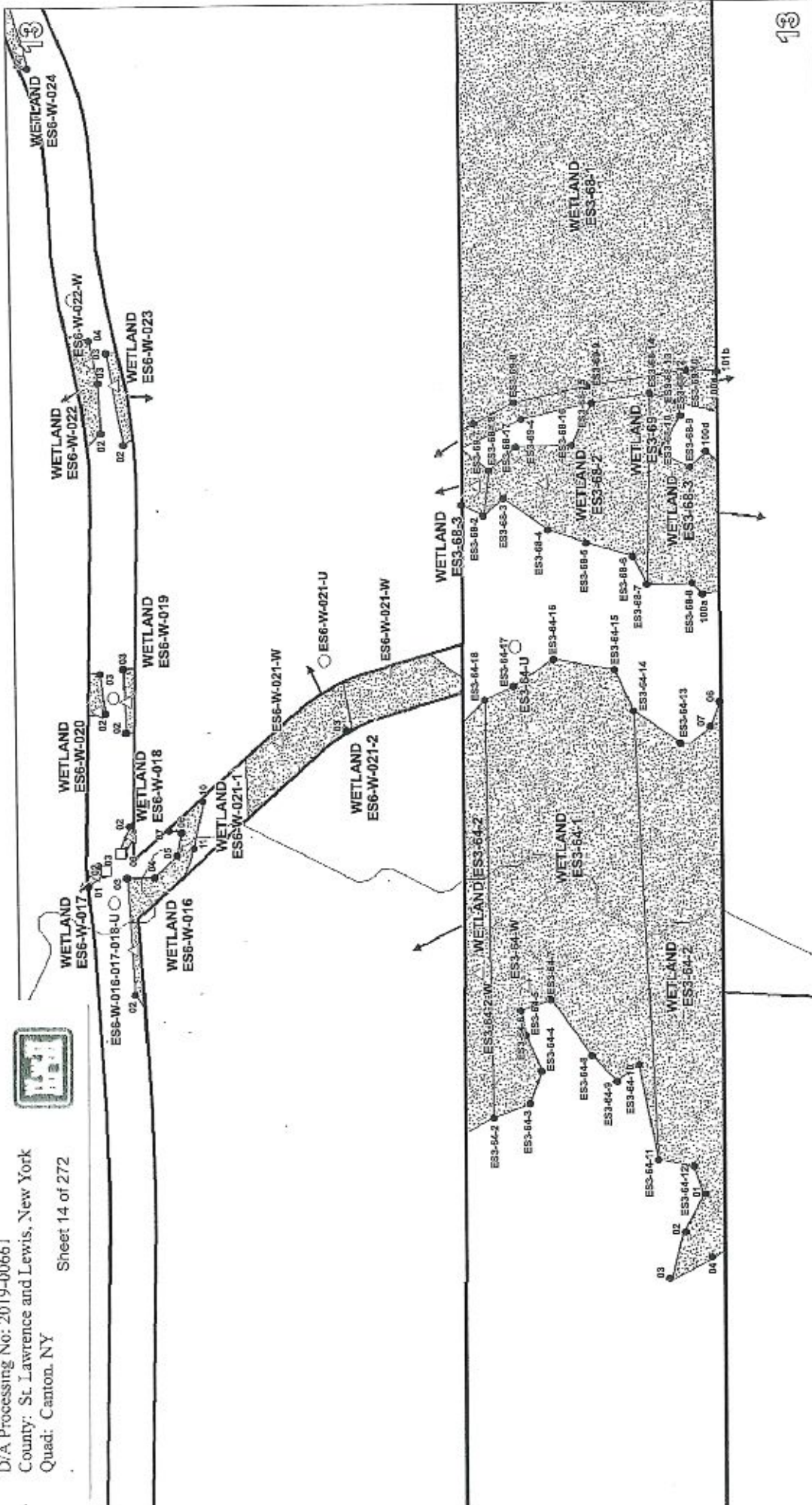


Moses-Adirondack (Smart Path Reliability Project)

County: St. Lawrence and Lewis, New York

Sheet 13 of 272





- Sample Point
- Upstream
- Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 13 of 271

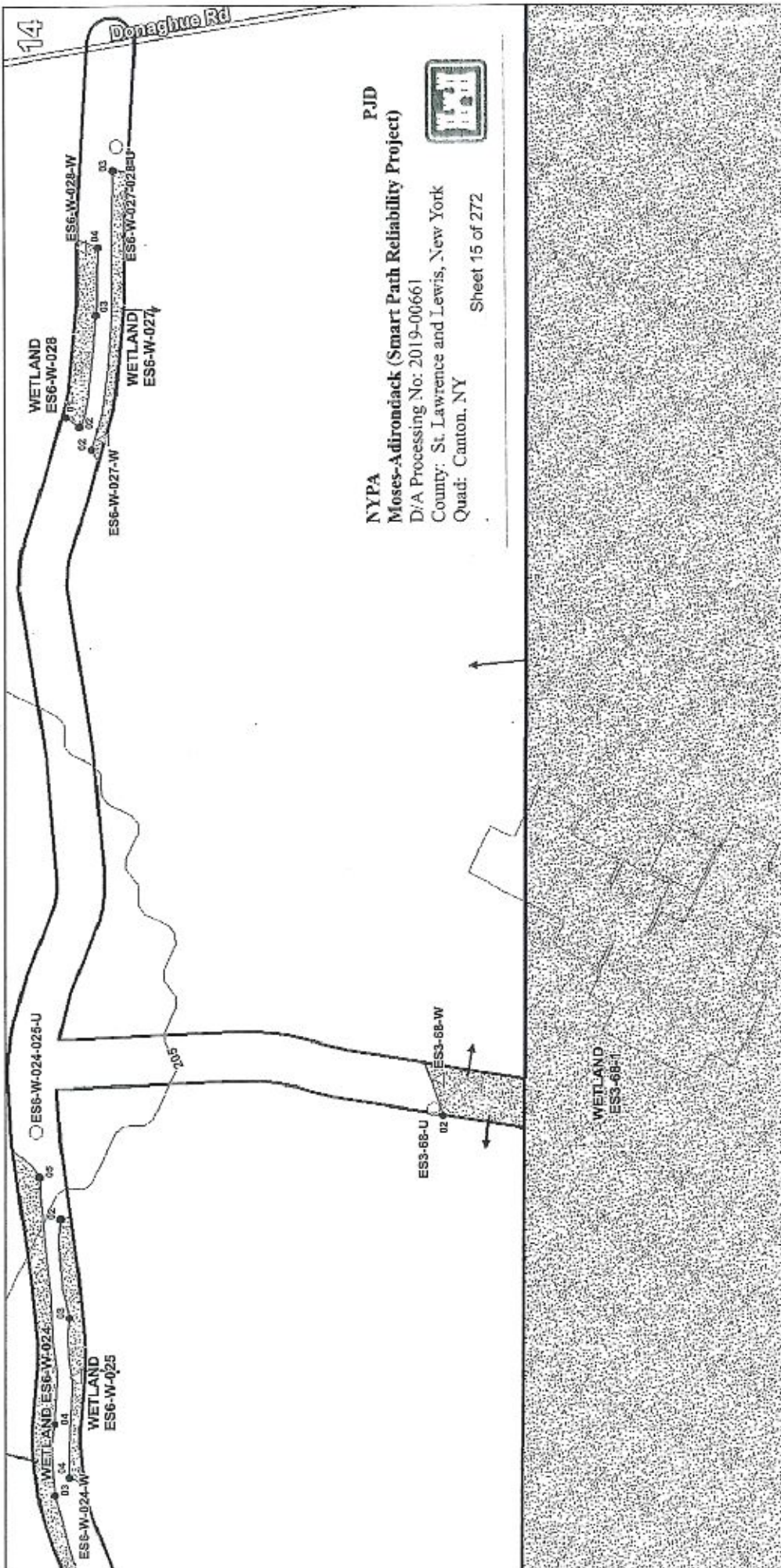
Coordinate System: State Plane New York State
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US

ESRI | Environmental Systems Research Institute
wsp | Wetland Science Partnership
MUSE | MUSE Technology



0 100 200 Feet





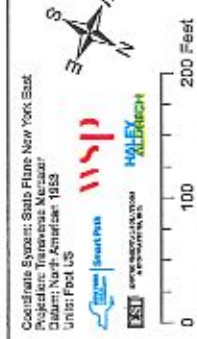
NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

PJD

Sheet 15 of 272

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

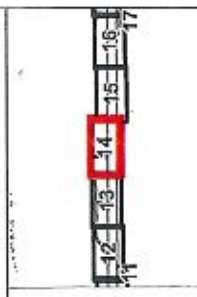
Tile 14 of 271



Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
Wetland Science Partnership

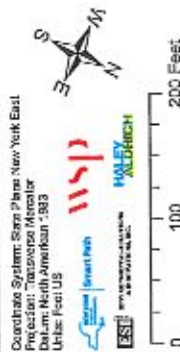
NYSDOT
New York State Department of Transportation

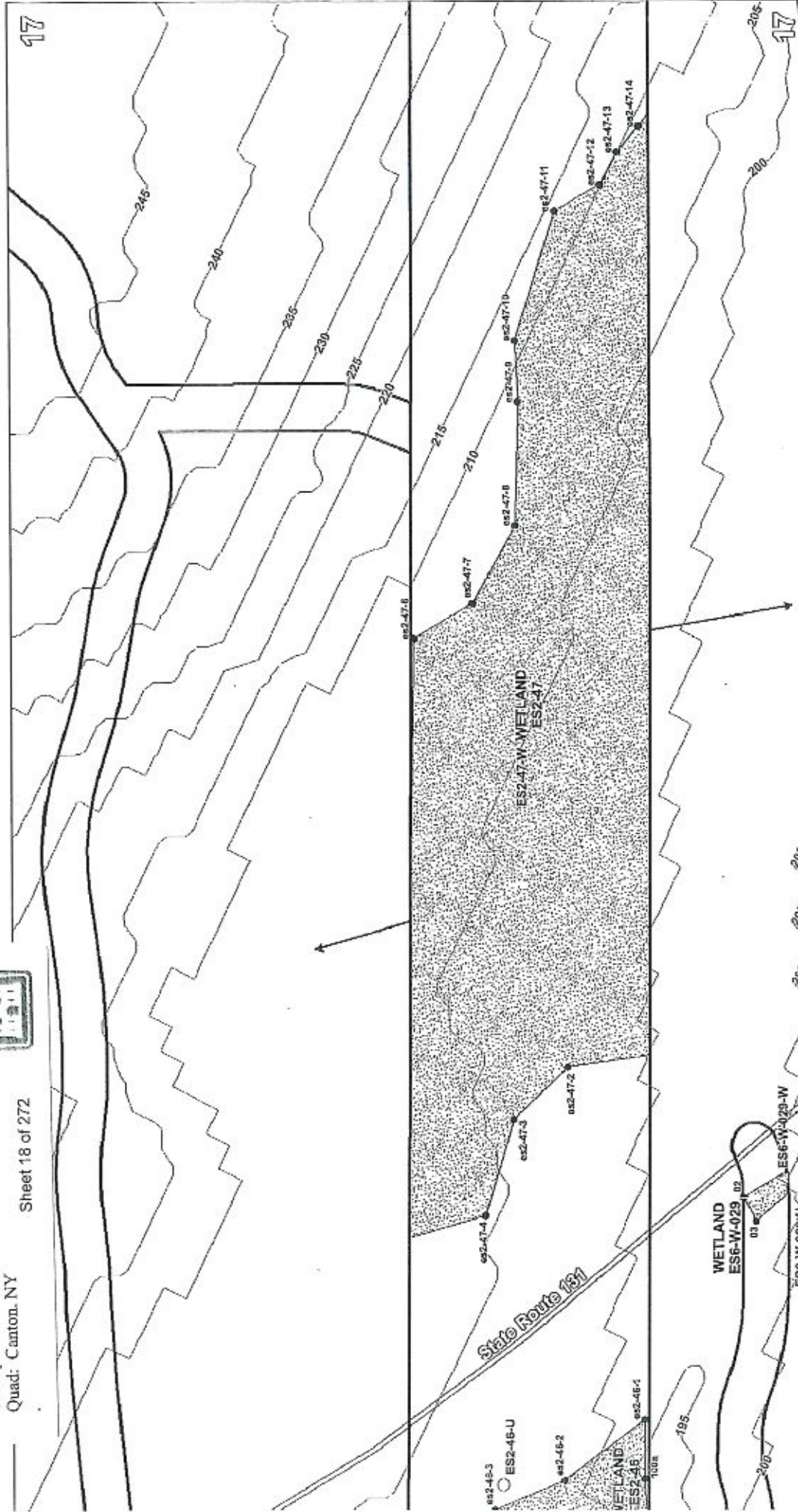


☐ Delmeate

(v) ☐ **PAVING**

Tile 15 of 271





Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Legend

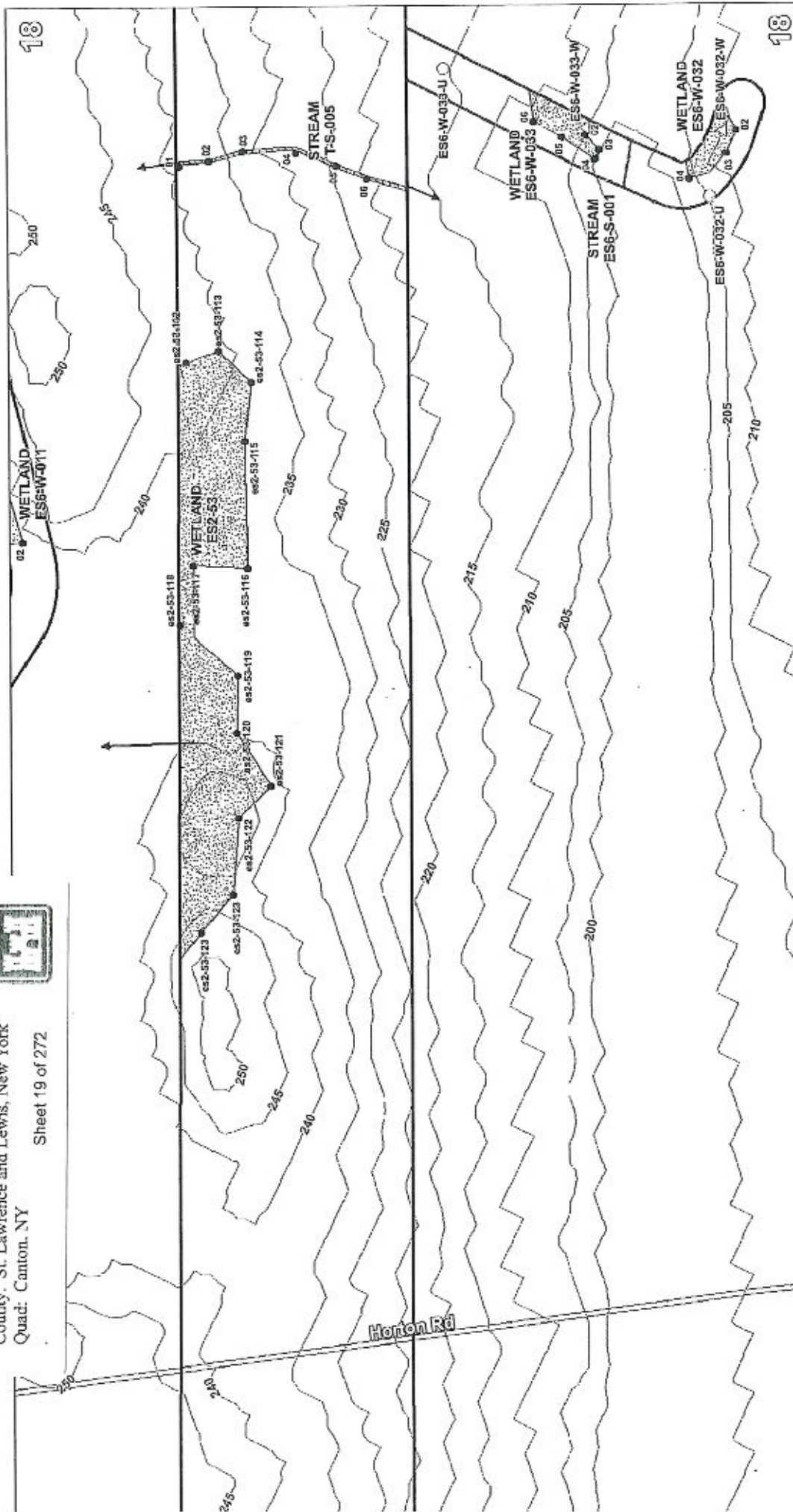
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 17 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 18 of 271

Geographic System: State Plane New York East
Projection: NAD 83
Datum: North American 1983
Units: Feet US

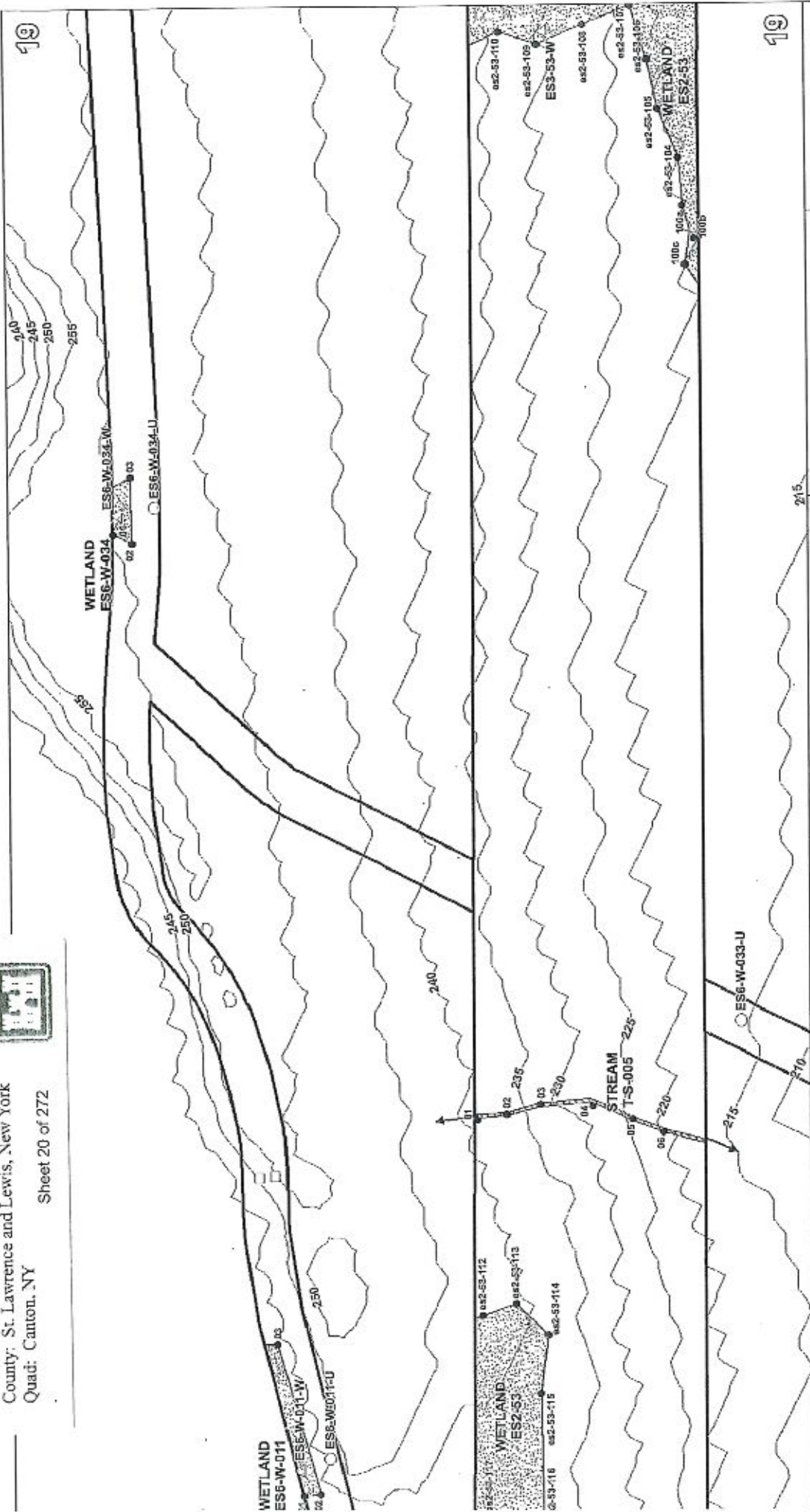
WSP
Wetland Science Project

WAL
Wetland Assessment Laboratory

ES
Environmental Science

0 100 200 Feet





The map displays the Moses Adirondack Smart Path Reliability Project. A red rectangle indicates the Project Area (PA). The map includes various features such as wetlands (hatched areas), streams (blue lines), and culverts (dashed lines). A legend on the left identifies symbols for Upland, Wetland, Delineated Flag, and Delineated Culvert. A scale bar at the bottom indicates distances from 0 to 200 feet. A north arrow is also present.

PJD

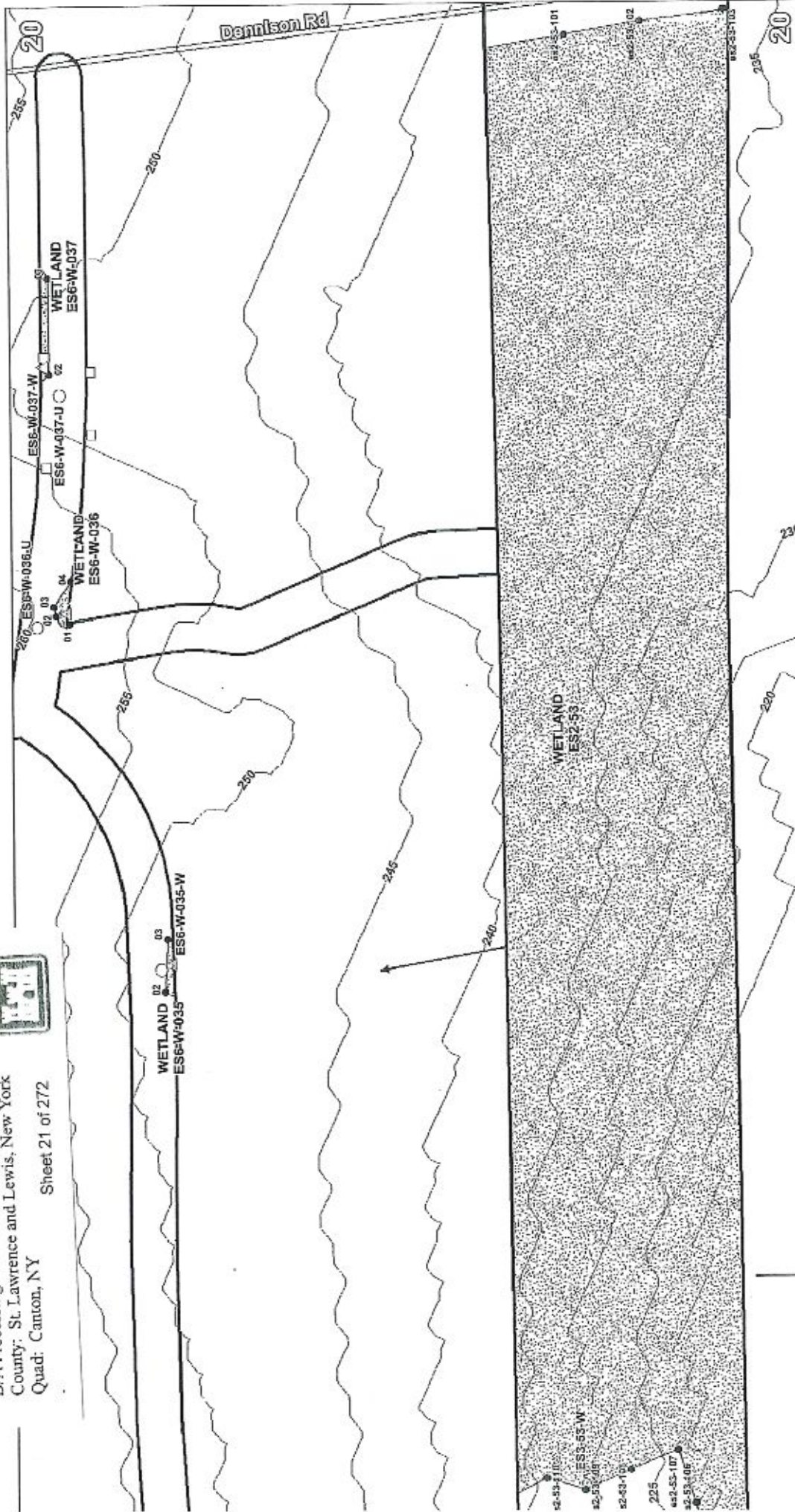
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert

- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

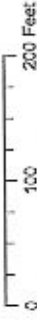
Tile 20 of 271

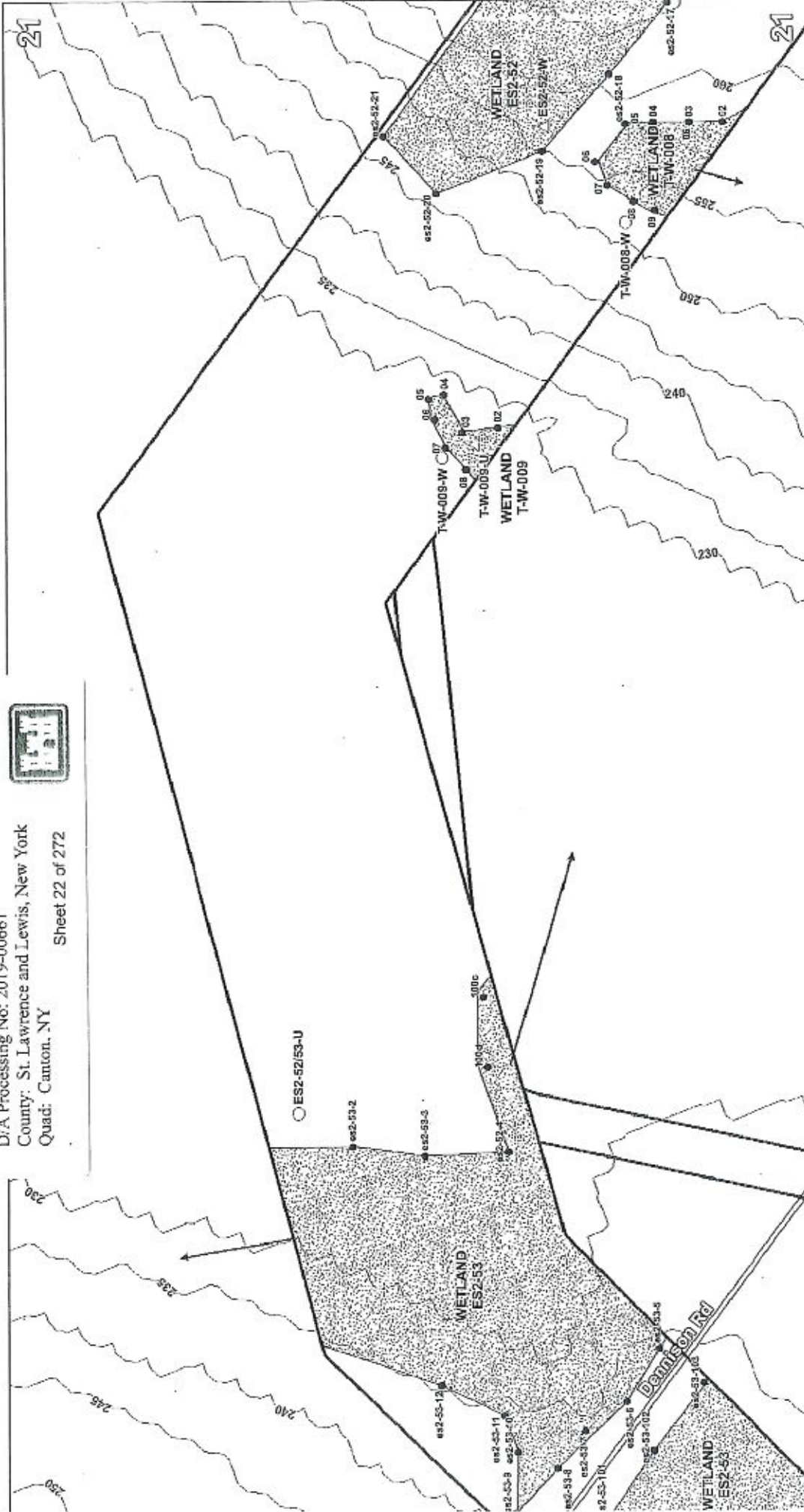
Coordinate System: State Plane New York East

Projection: Transverse Mercator

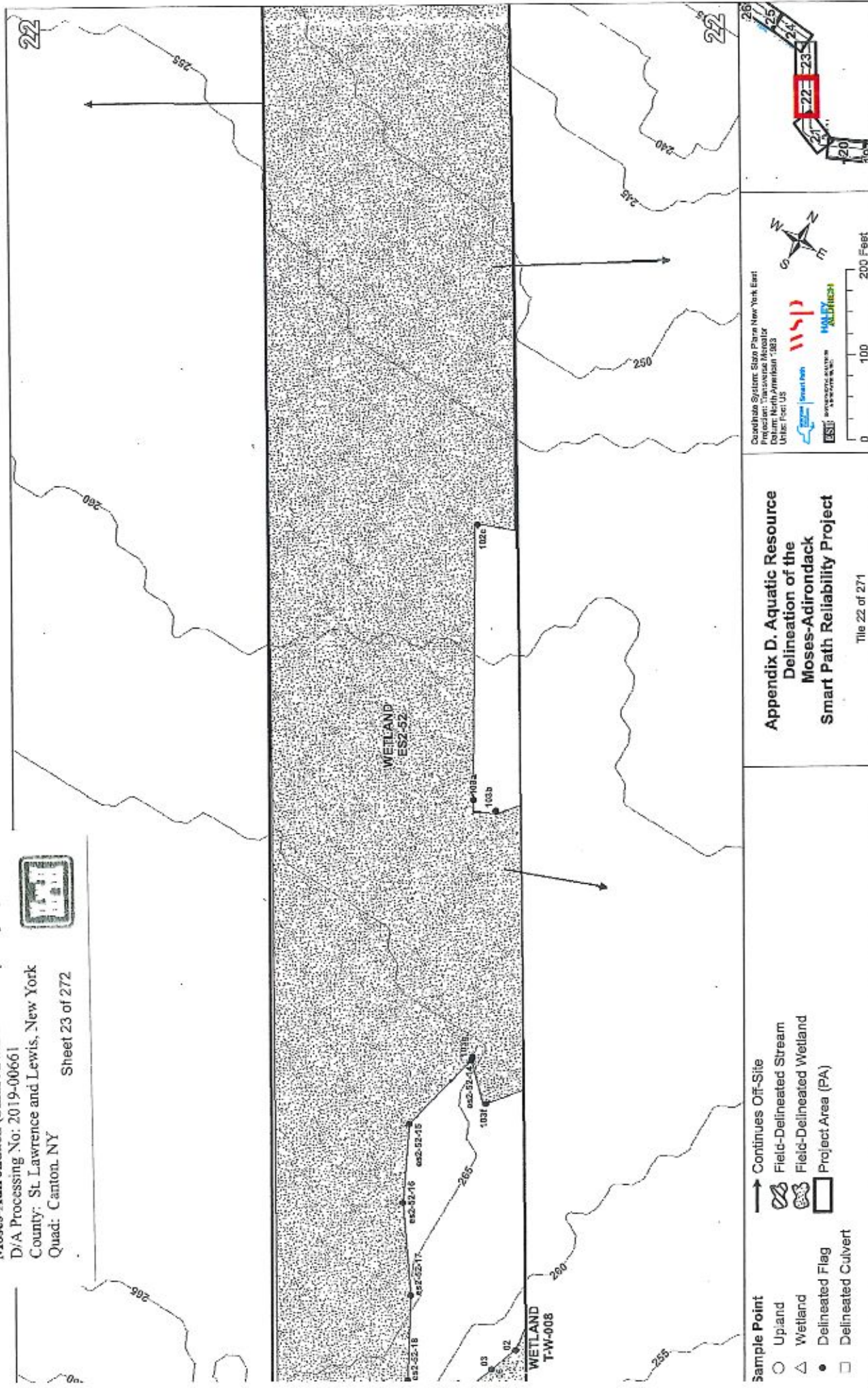
Datum: North American 1983

Units: Feet US





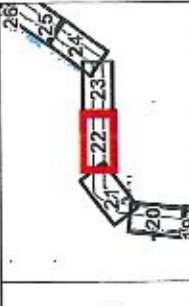
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 21 of 271	Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA) Legend: ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ESRI www.esri.com SmartPath www.smartpath.com WSP www.wsp.com MADRIC www.madric.com Scale: 0 100 200 Feet North Arrow
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Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 22 of 271

QuadInfo Systems, State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US
 WSP
 WSP
 WSP
 WSP



NYPA PJD

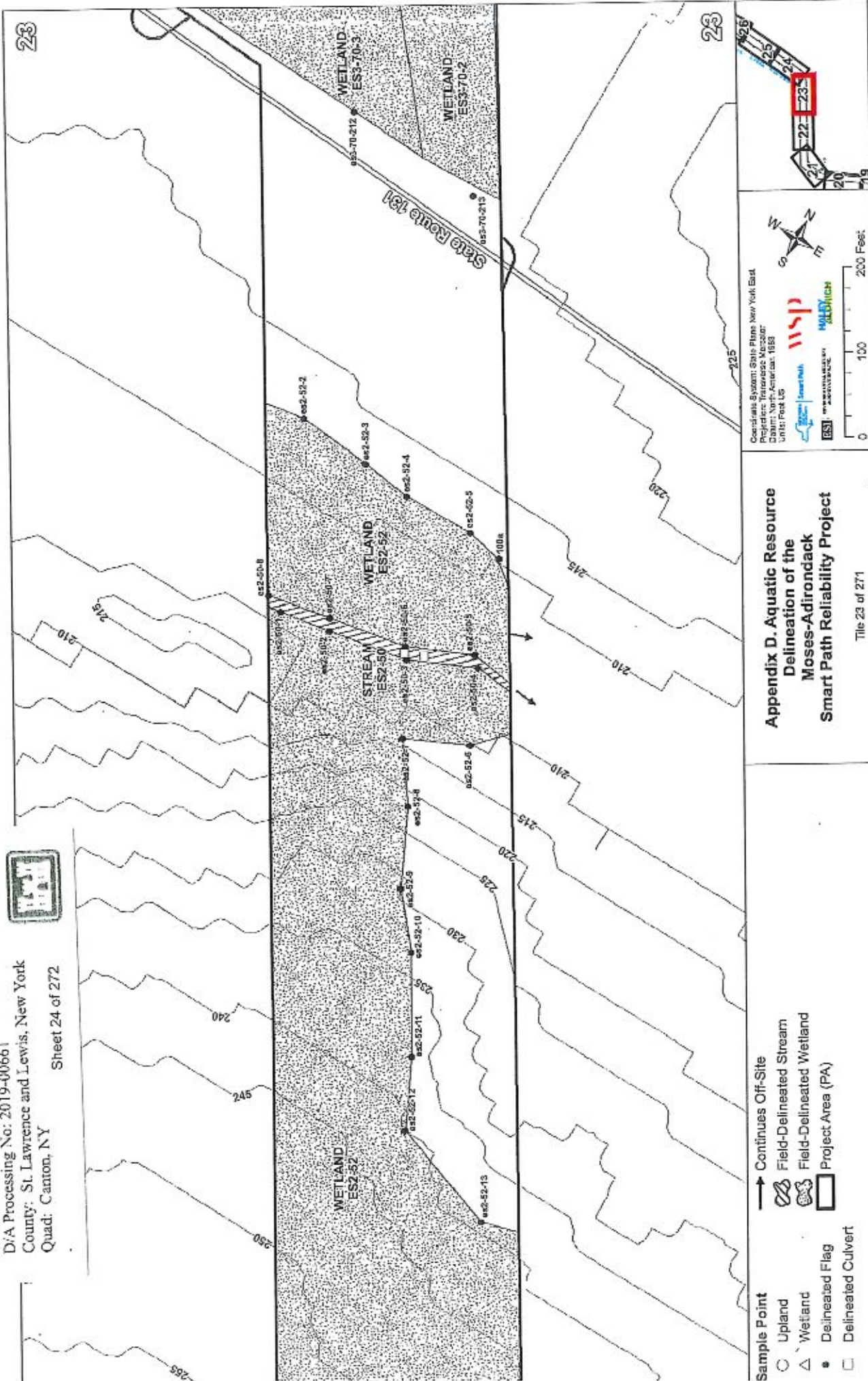
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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- Sample Point
- Upland
- Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Foot US

ES1 ES2 ES3 ES4 ES5 ES6 ES7 ES8 ES9 ES10 ES11 ES12 ES13 ES14 ES15 ES16 ES17 ES18 ES19 ES20 ES21 ES22 ES23 ES24 ES25 ES26 ES27 ES28 ES29 ES30 ES31 ES32 ES33 ES34 ES35 ES36 ES37 ES38 ES39 ES40 ES41 ES42 ES43 ES44 ES45 ES46 ES47 ES48 ES49 ES50 ES51 ES52 ES53 ES54 ES55 ES56 ES57 ES58 ES59 ES60 ES61 ES62 ES63 ES64 ES65 ES66 ES67 ES68 ES69 ES70 ES71 ES72 ES73 ES74 ES75 ES76 ES77 ES78 ES79 ES80 ES81 ES82 ES83 ES84 ES85 ES86 ES87 ES88 ES89 ES90 ES91 ES92 ES93 ES94 ES95 ES96 ES97 ES98 ES99 ES100

0 100 200 Feet

North Arrow

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 PJD
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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24

220

State Route 131

ad-70-208

ad-70-210

ad-70-211

ad-70-212

WETLAND
ES3-70-3

WETLAND
ES3-70-2

225

230

235

240

245

250

255

255

24

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Off-Site**
- Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 24 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

NYPA

PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St Lawrence and Lewis, New York

Quad: Canton, NY

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25

State Route 131

es-70-206

es-70-207

es-70-208

WETLAND
ES3-70-3

WETLAND
ES3-70-1

WETLAND
ES3-70-2

225

220

25

Upland

Wetland

Delineated Flag

Delineated Culvert

Continues Off-Site

Field-Delineated Stream

Field-Delineated Wetland

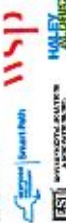
Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

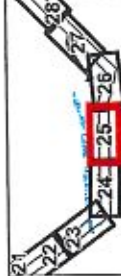
Tile 25 of 271



Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US

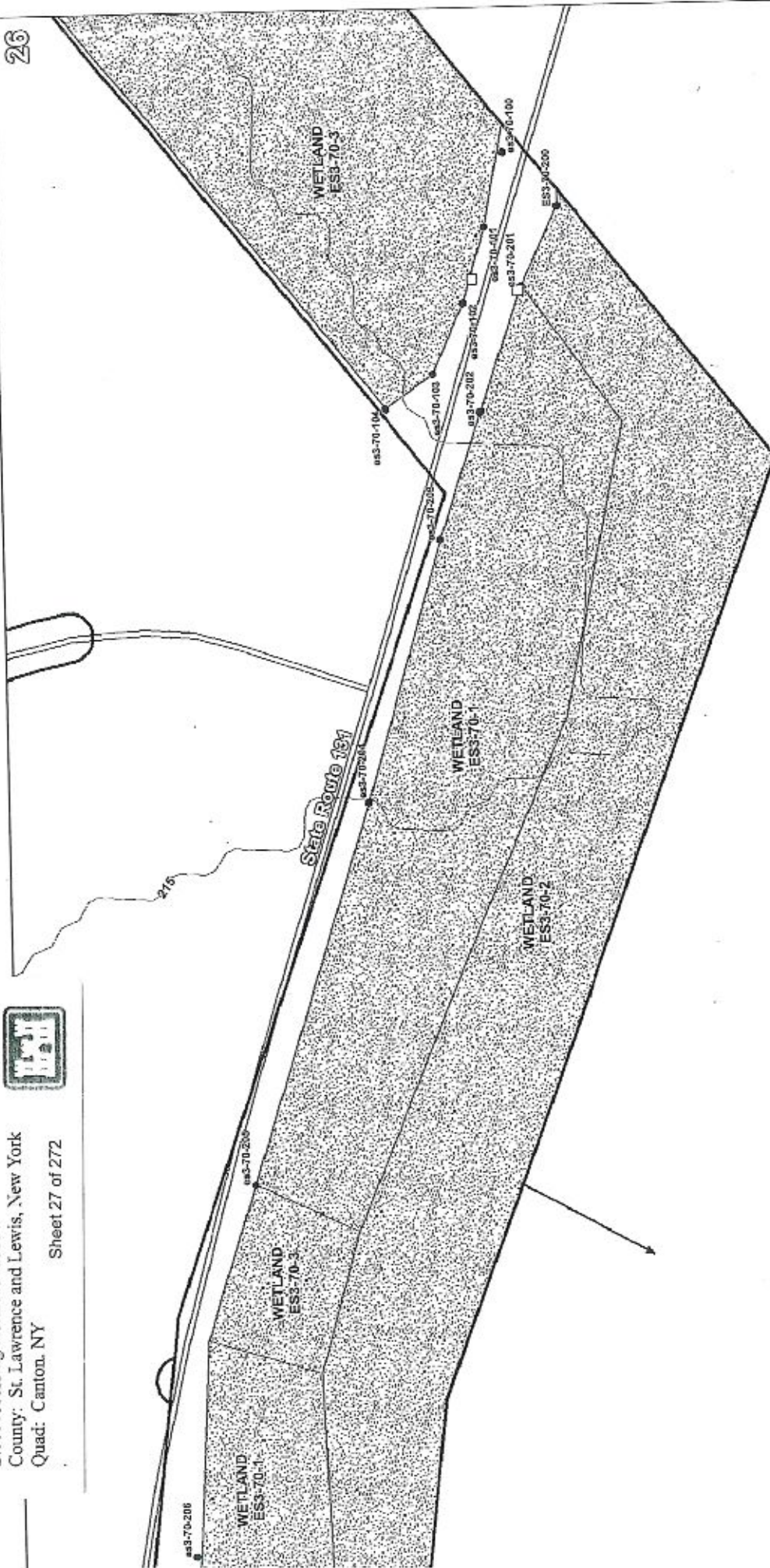


0 100 200 Feet





26



26

- ample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

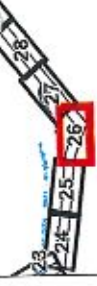
Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 26 of 271

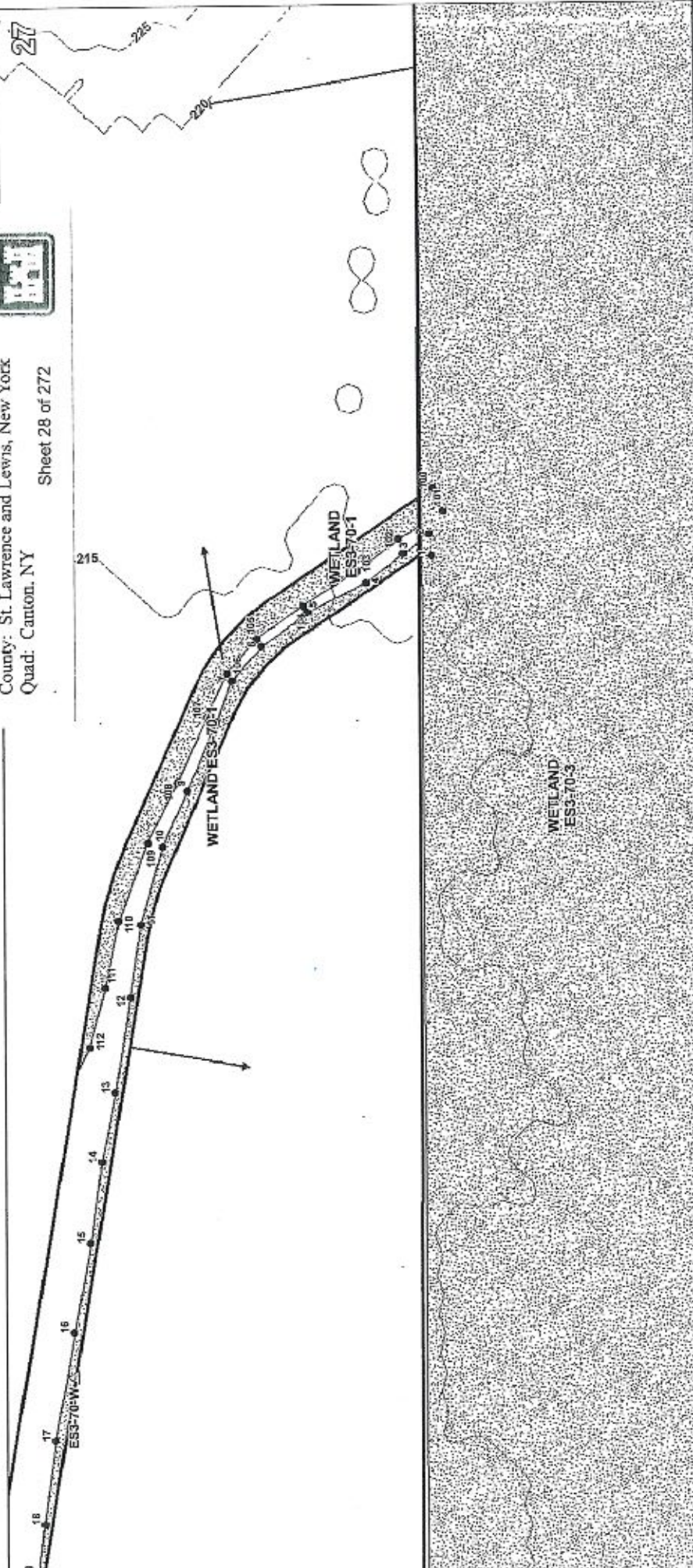
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 HALEY
 ALDRICH

0 100 200 Feet



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 28 of 272



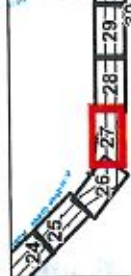
- Legend**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

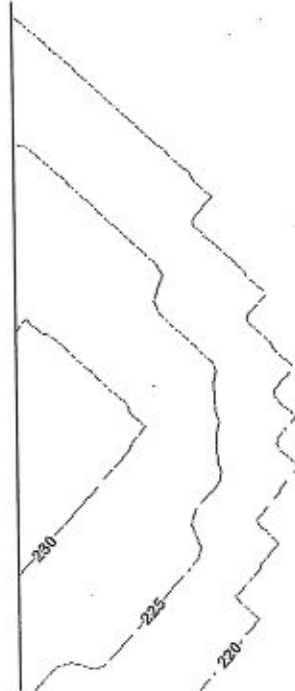
Tile 27 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

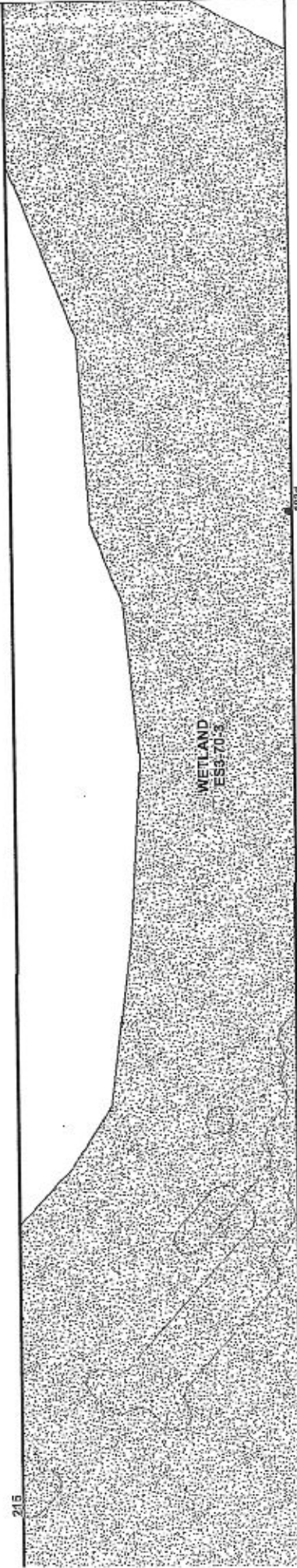
0 100 200 Feet



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 PJD
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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28



102d

28

Legend ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert → Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Title 28 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Unit: Feet US WSP WATLEY WATLEY Scale: 0 100 200 Feet North Arrow Inset Map: 25 26 27 28 29 30 31 32
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NYPA PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No. 2019-00661

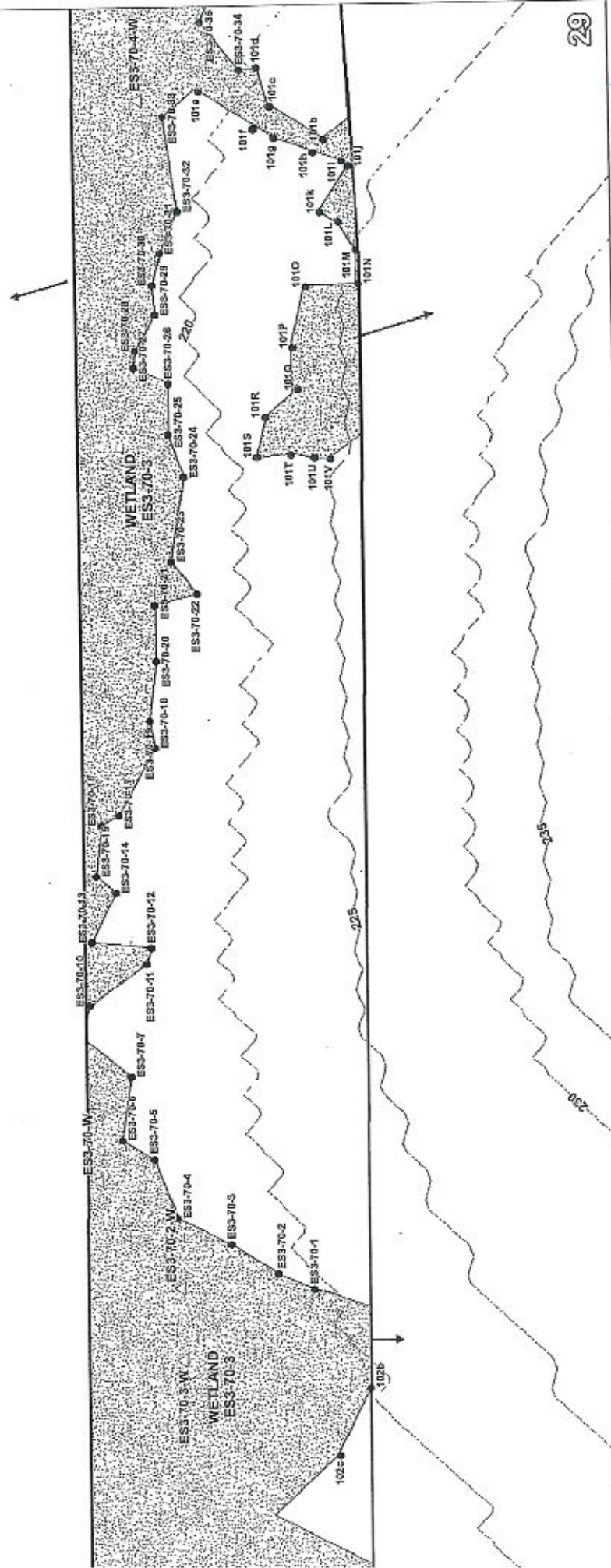
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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29



- ample Point
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

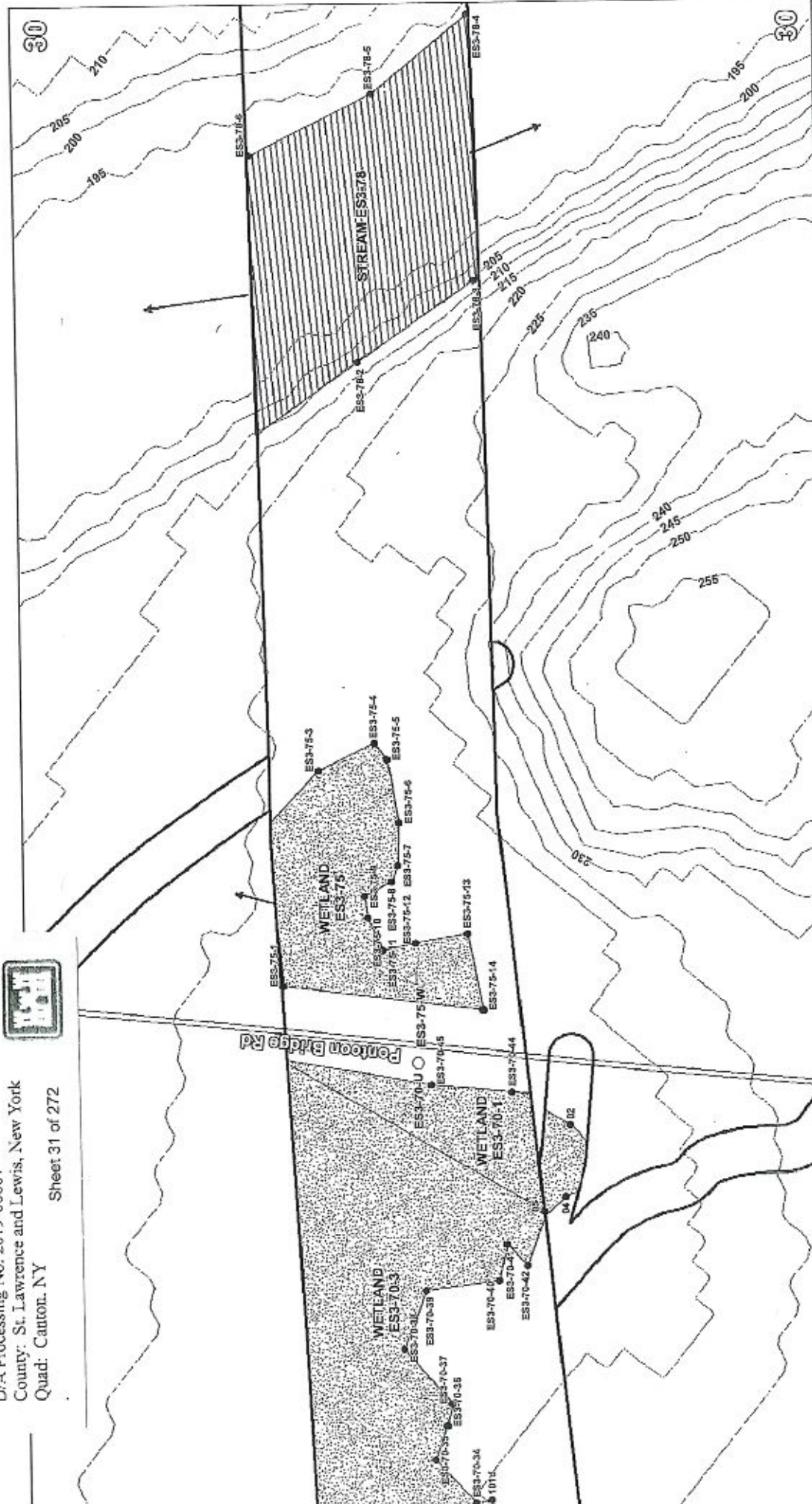
Tile 29 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

ESRI SMART PATH WSP H2O EX ADIRONDACK

0 100 200 Feet





Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

→

Field-Delineated Stream

~~~~~

**Field-Delineated Wetland**

~~~~~

Project Area (PA)

□

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

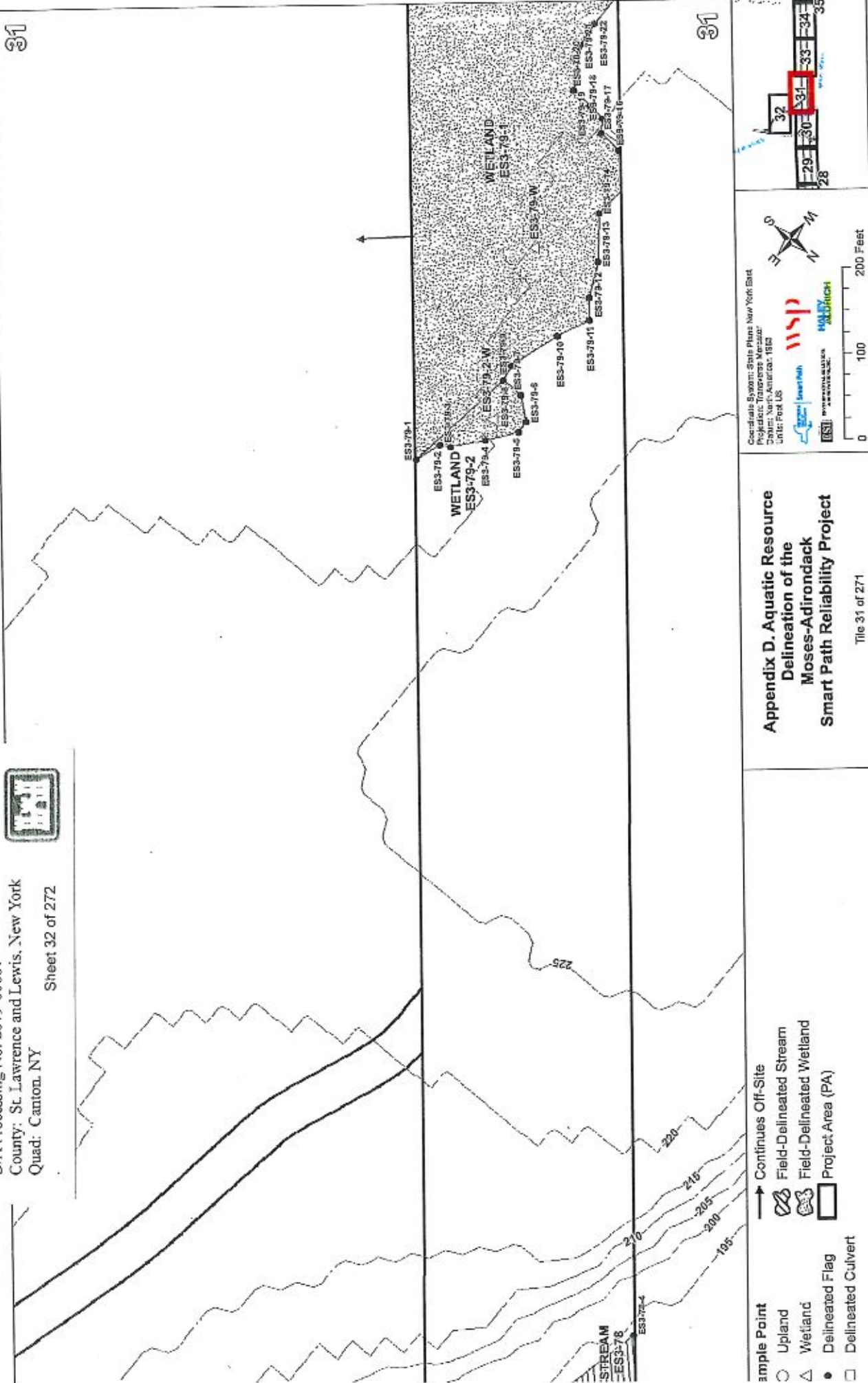
Tie 30 of 271

Coordinate System: State Plane New York East
 Projection: Universal Transverse Mercator
 Datum: North American 1983
 Unit: Foot US

WSP
 WATERSHED SERVICES
 1000 ROUTE 90
 SUDBURY, NY 12486
 (518) 385-1000
 www.watershed-services.com

0 100 200 Feet

27 28 29 30 31 32 33 34



- Sample Point
 Upland
 Wetland
 Delineated Flag
 Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

WSP
 WETLAND SURVEY PROJECT
 WETLAND SURVEY PROJECT
 WETLAND SURVEY PROJECT

0 100 200 Feet



NYPA

PJD

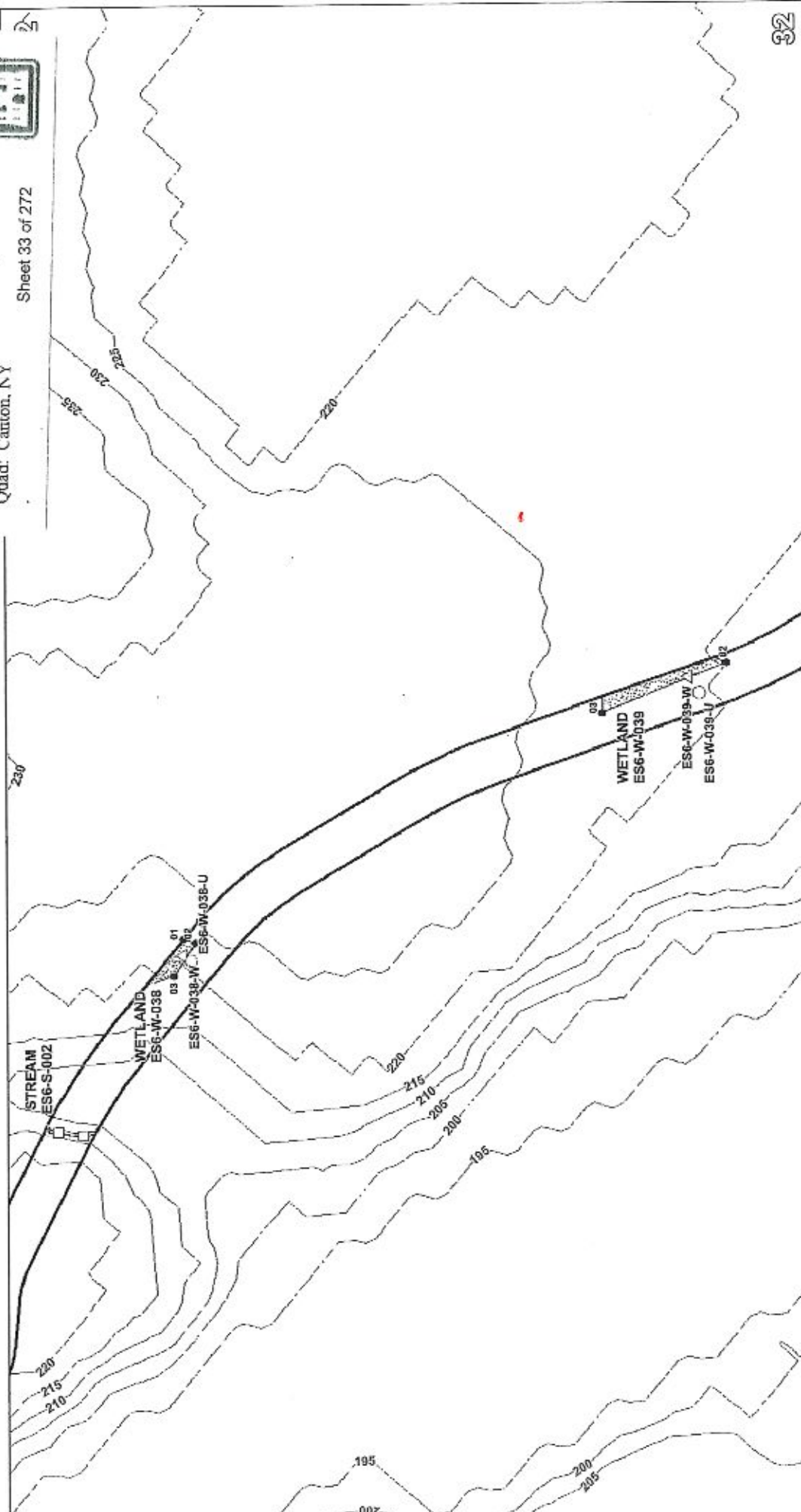
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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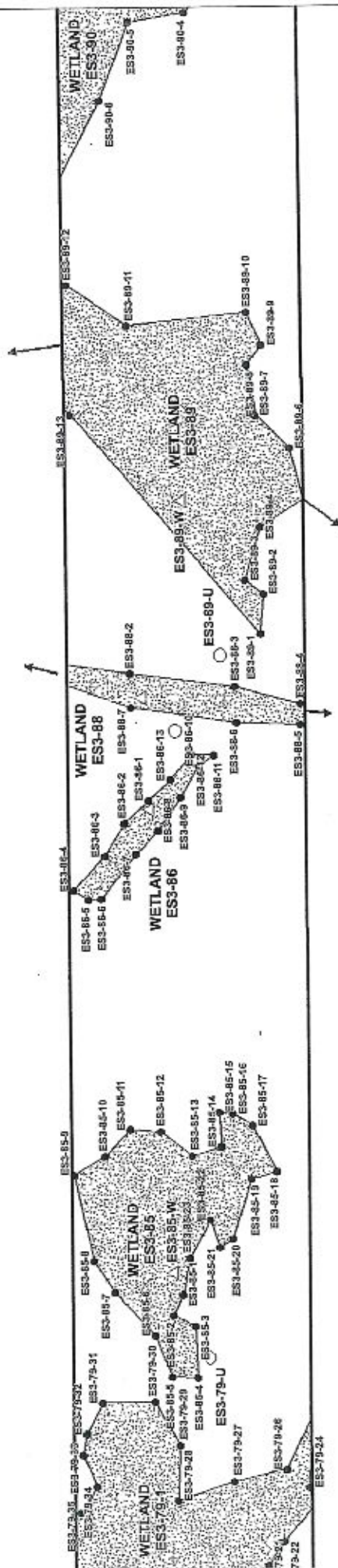
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership

ESR
Ecological Services Report

0 100 200 Feet





Symbol	Sample Point
	Upland
	Wetland
	Delineated
	Delineated

Continues Off-Site
Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

File 33 of 271

Coordinale Systems State Plant New York East
Production: Transverse Member
Culture: North American 1982

Unit: Post US

ESL

Smart Facts

Highly Qualified Teacher

15/11

200 Feet

100

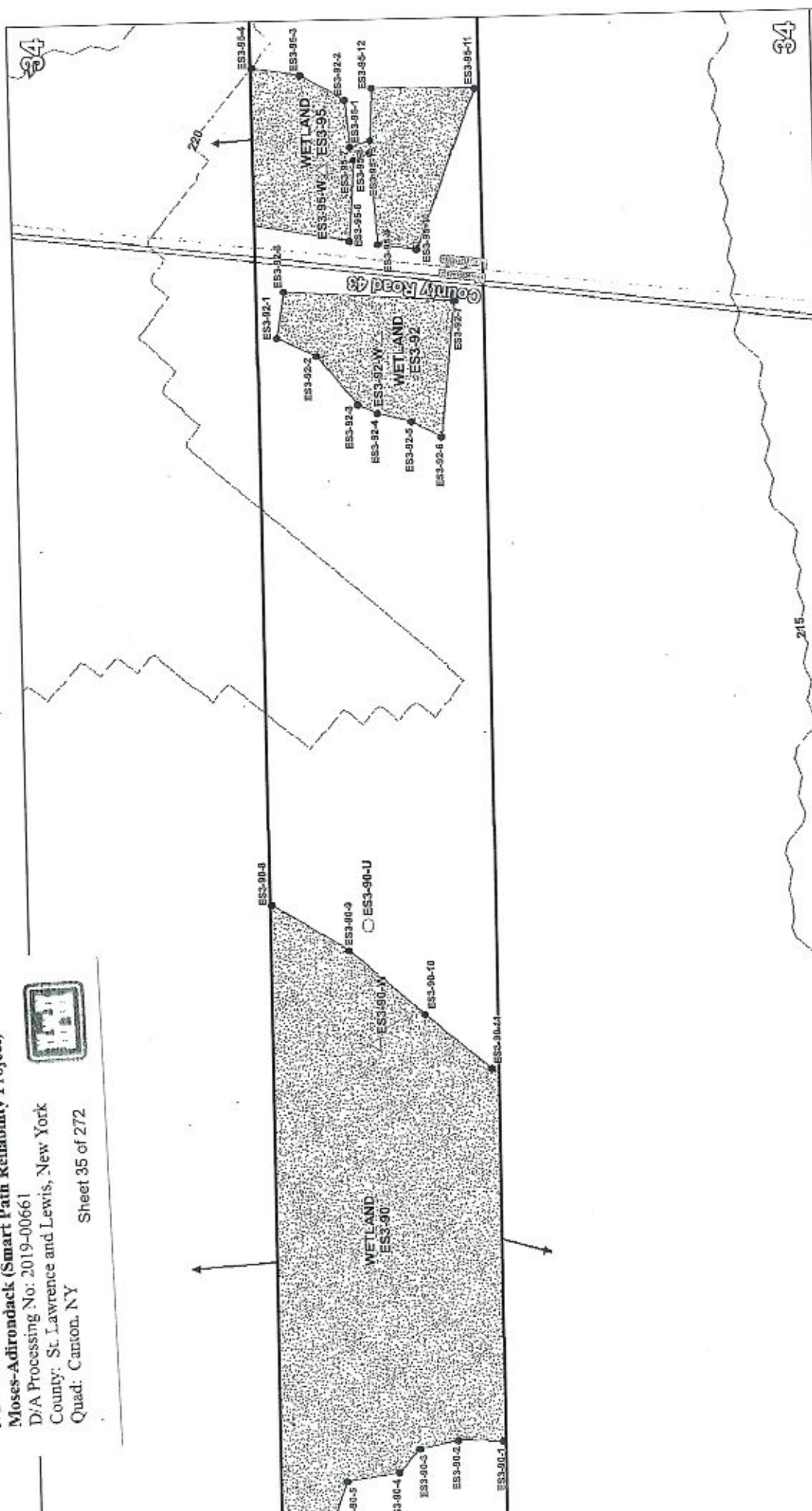
La

NYPA
NYPA (Smart Path Reliability Project)

Moses-Adirondack (Smart Path Kennel)
D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Carlton, NY
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**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 34 of 271

Coordinating Systems Slide Plate New York East
Projection: Transverse Mercator
Datum: North American '83



200 Feet

100

-0-

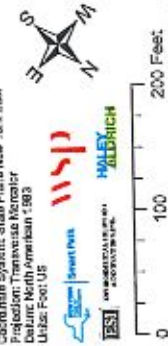


৬৬



Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Coordinate System: State Plane New York West
Projection: Transverse Mercator
Datum: North American 1983
Units: Foot US



NYPA

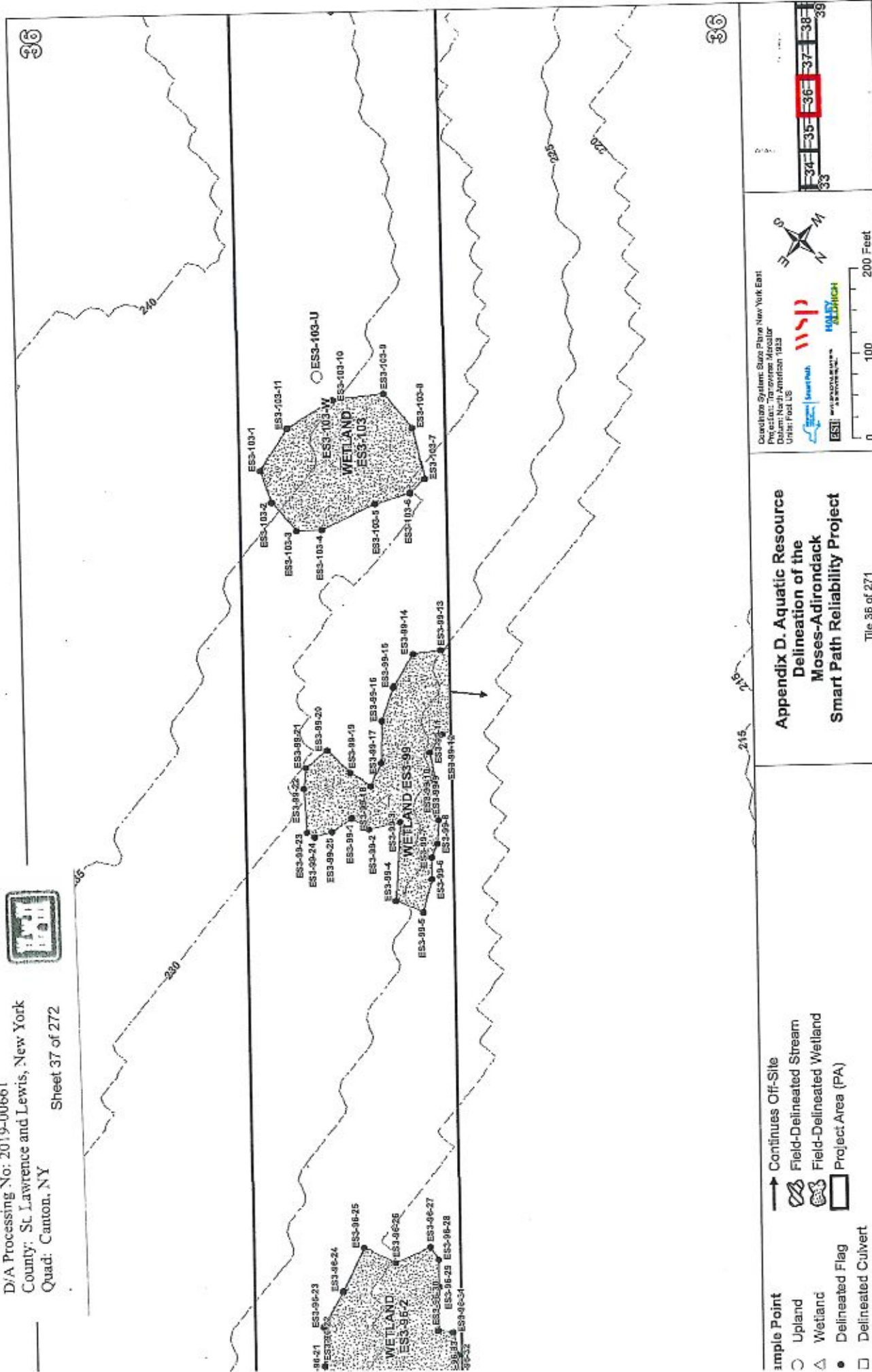
NYPA
 Nassau
 Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

Country: Sr Lawrence and Lewis, New York

Quad: Canton, NY

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Example Point

Upland

Wetland

- Delineated Flag

☐ Delineated Culvert

↑ Continues Off-Site

 Field-Delineated Stream

Field-Delineated Wetland

Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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CaseInfo Systems, Plainsboro, New York East

Projection: Transverse Mercator
Datum: North American 1983

Unit: Fort L8

 Savvas Learning Company

4

ISE
 INTERNATIONAL SOCIETY OF
 ENGINEERS

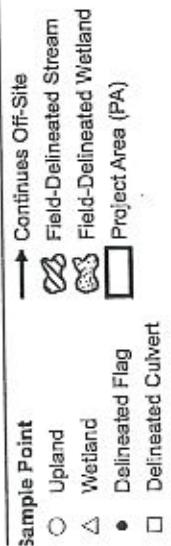
0 100

1997

1

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
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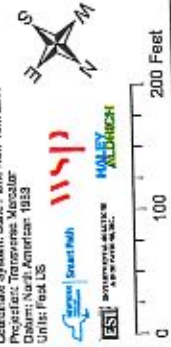
Quad: Canton, NY



**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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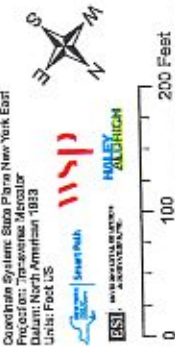
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US





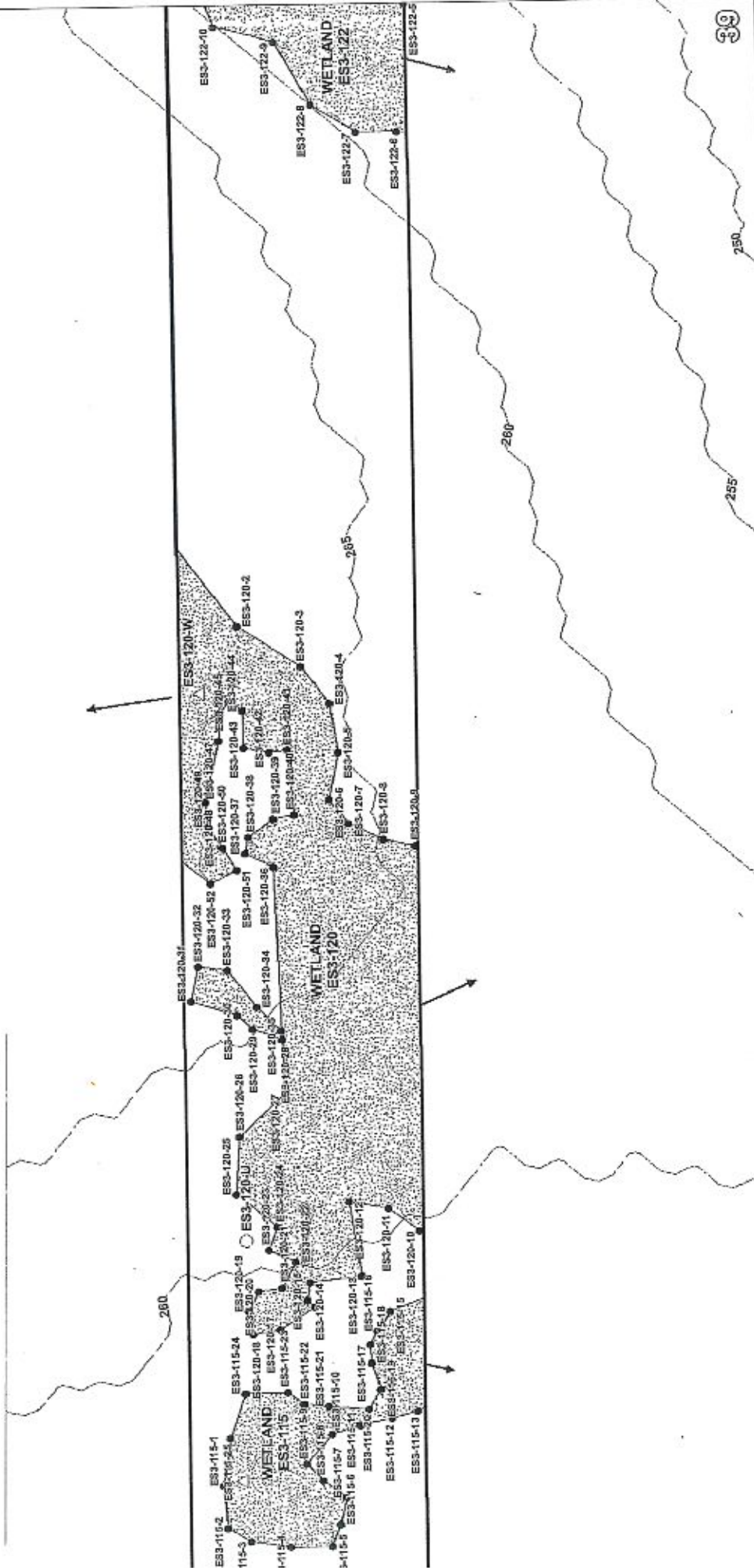
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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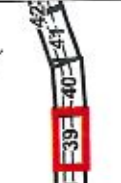
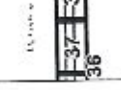
39



Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US
 ESRI
 HALEX
 ALBANY
 0 100 200 Feet



NYPA PJD

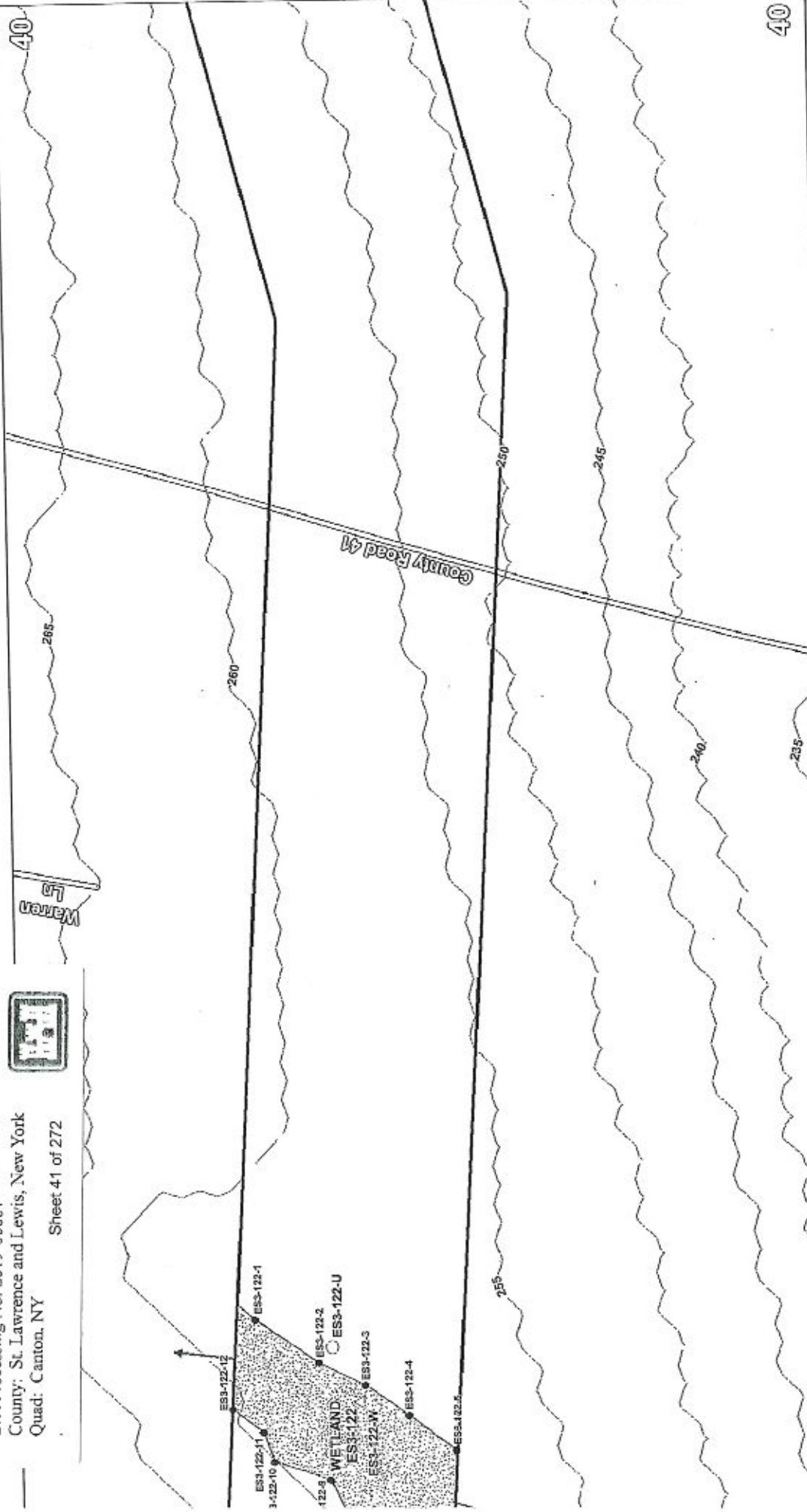
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quadrant: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

wsp
Wetland Survey Project

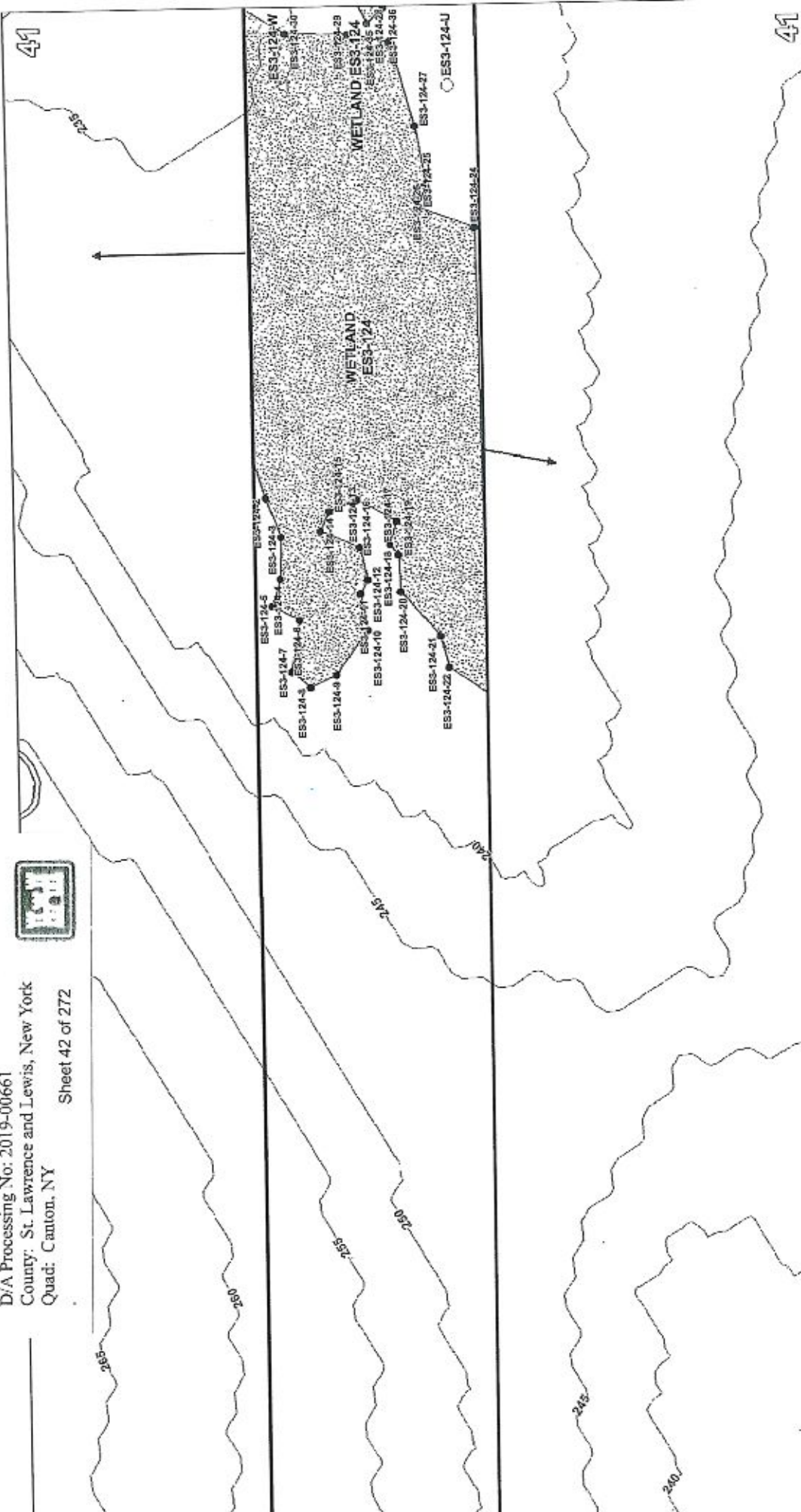
NYPA
New York Power Authority

ESR
Environmental Science Resources



0 100 200 Feet



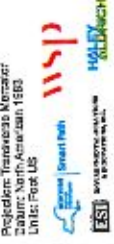


- ample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

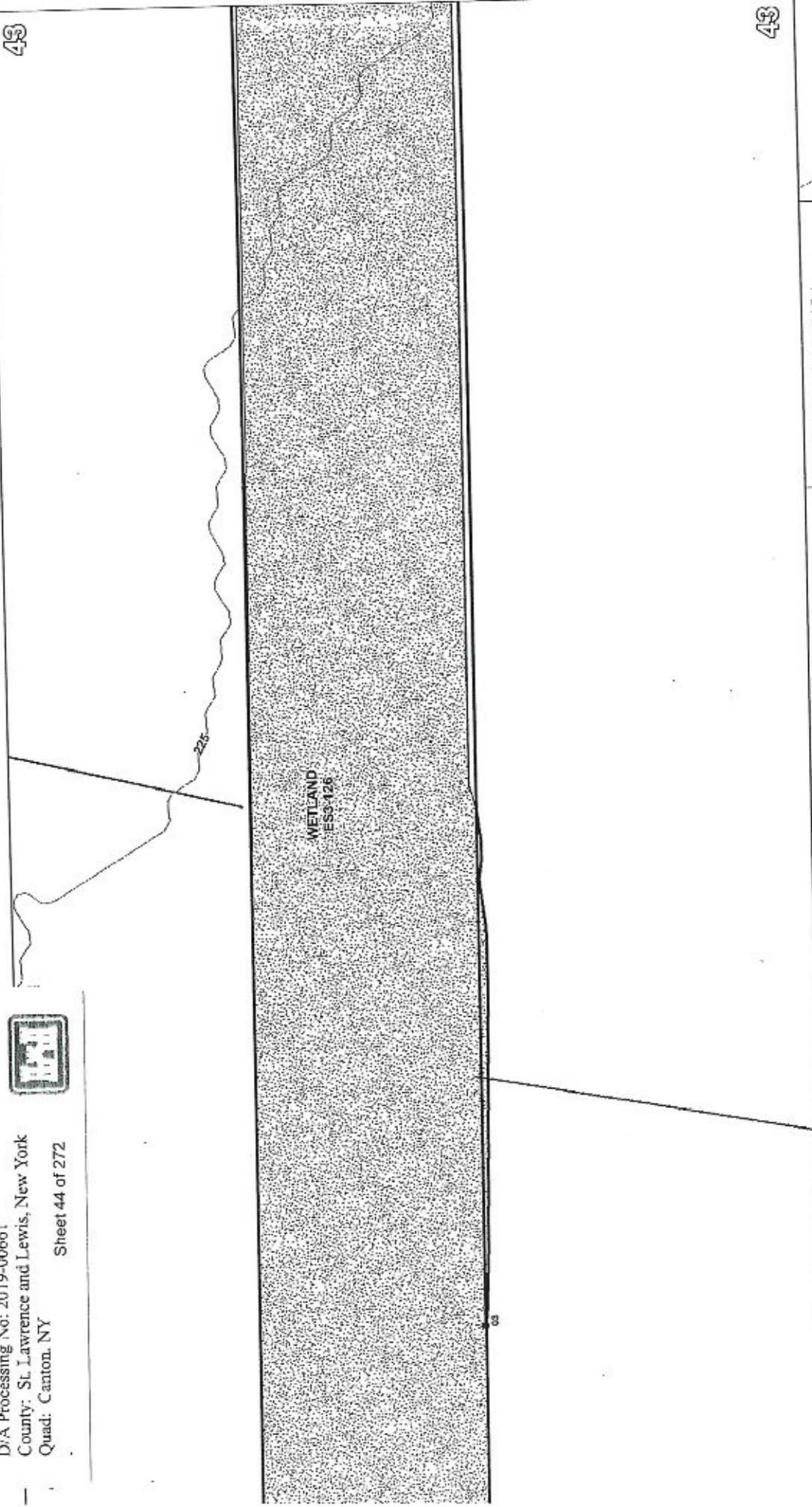


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PJD

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 Quad: Canton, NY
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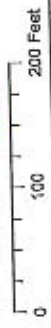
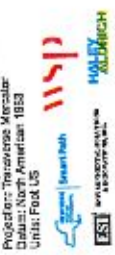
43

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

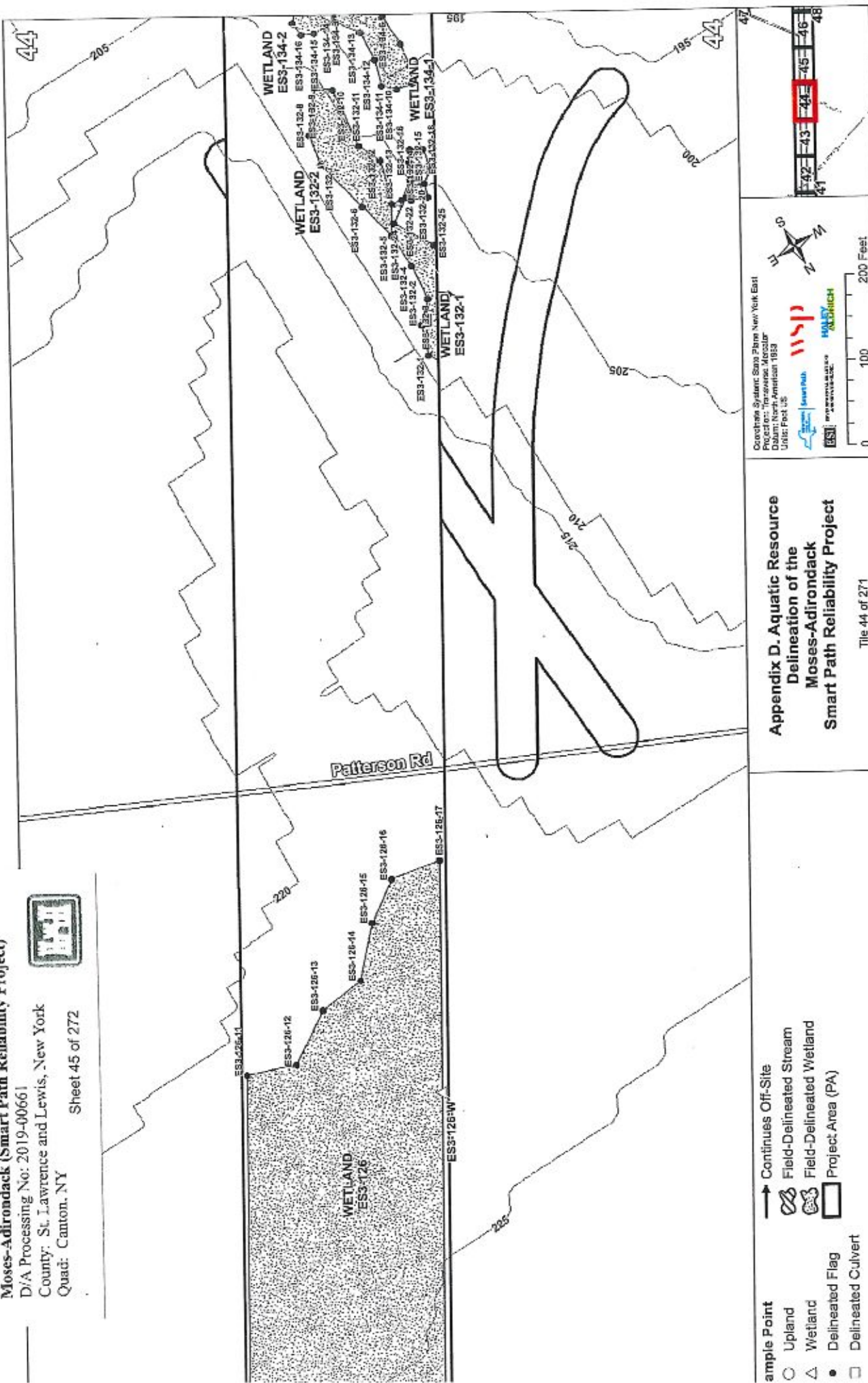
Title 43 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Foot US



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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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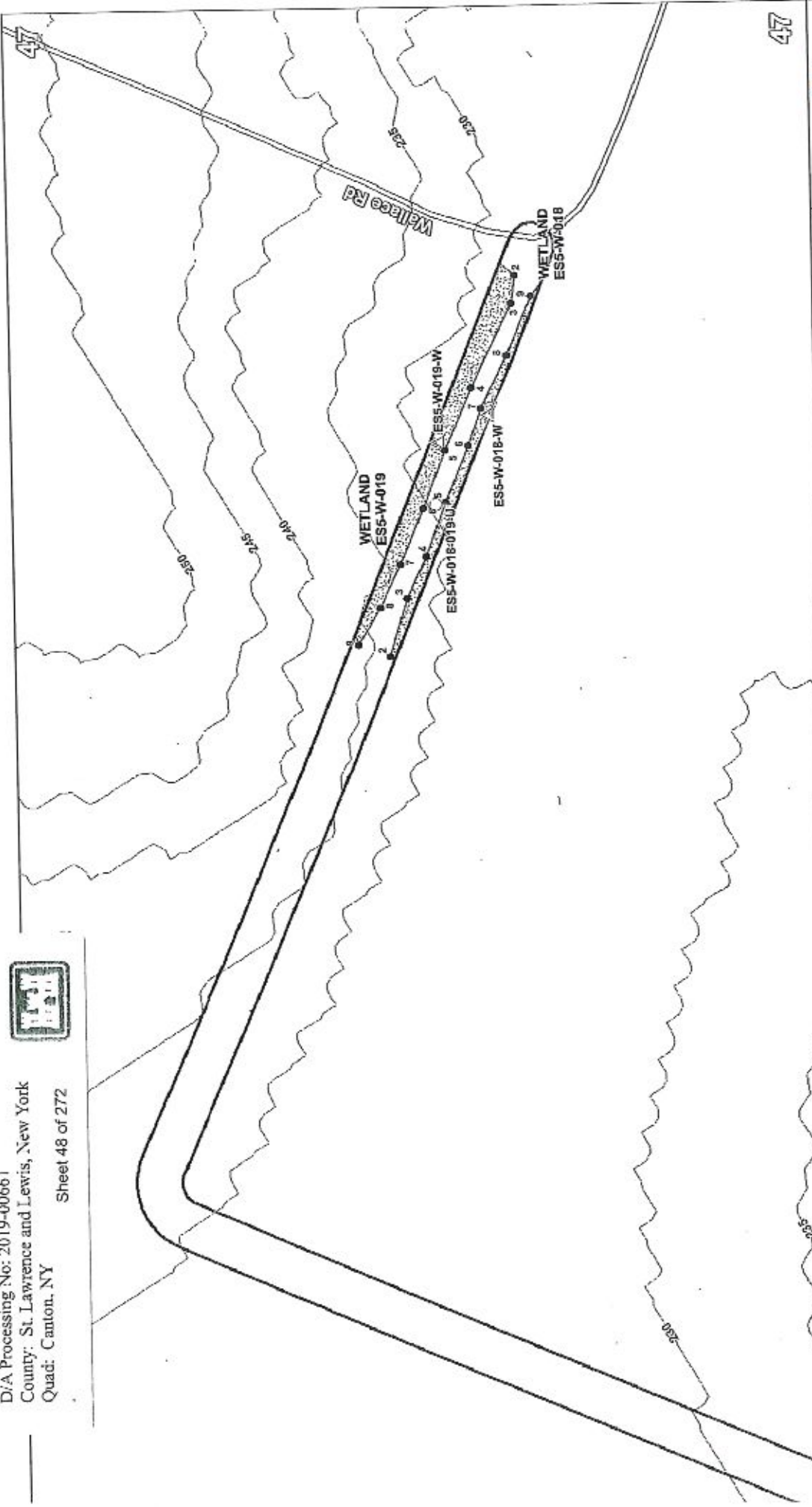
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

wsp
 WATERSHED SERVICES
 WATERSHED SERVICES

0 100 200 Feet



NYPA
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- Legend**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Certificate System: State Plans New York State
 Project: Transverse Number
 County: North Adams 1985
 Unit: Pub US

wsp
 HALEX
 HALEX

0 100 200 Feet

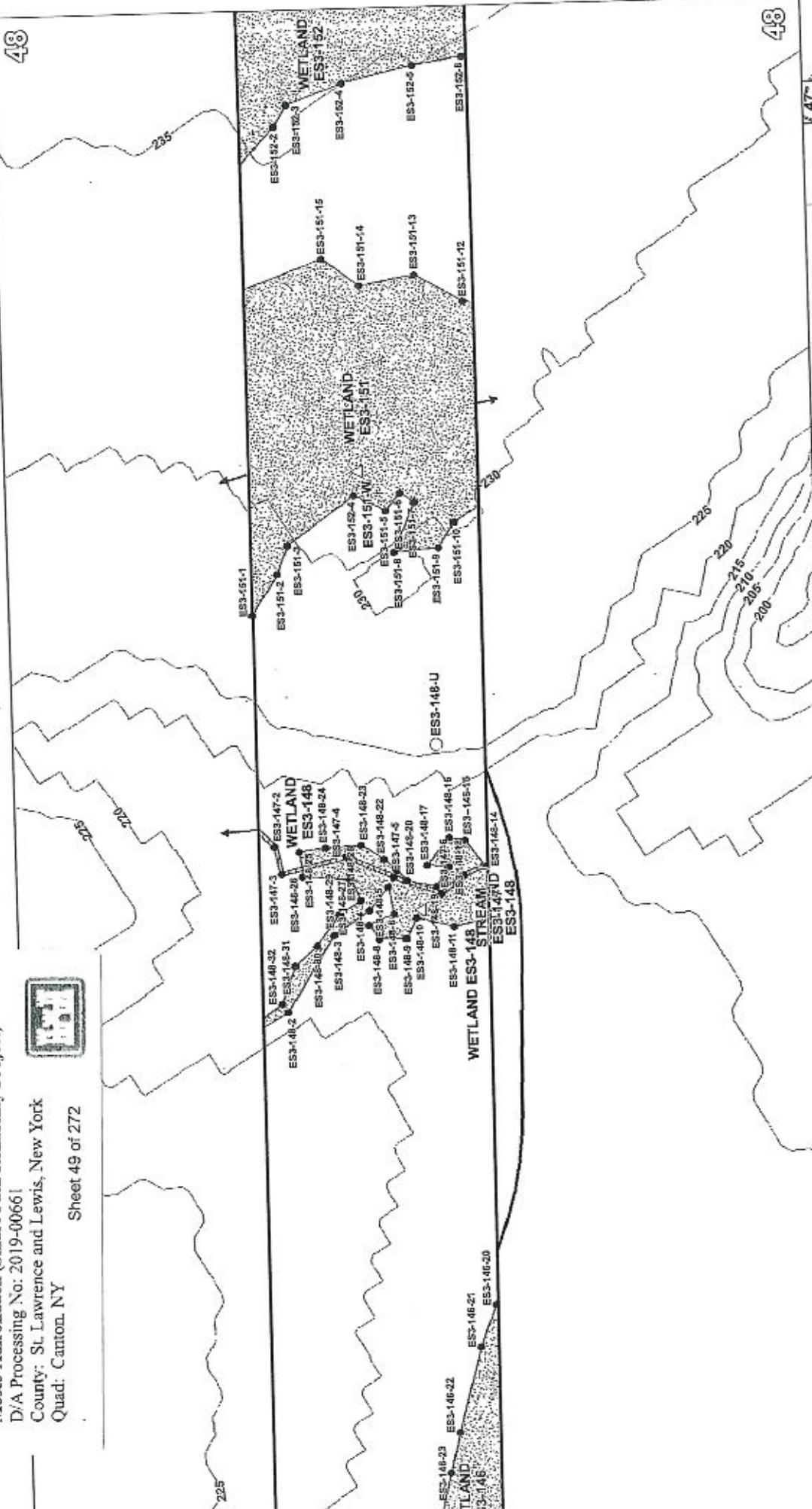


44 45 46 47 48 49 50 51

PJD

48

48



Sample Point

☐ Upland

Δ Wetland

- Delineate

☐ Delineate

→ Continues Off-Site

 Field-Delineated Stream

 Field-Delineated Wetland

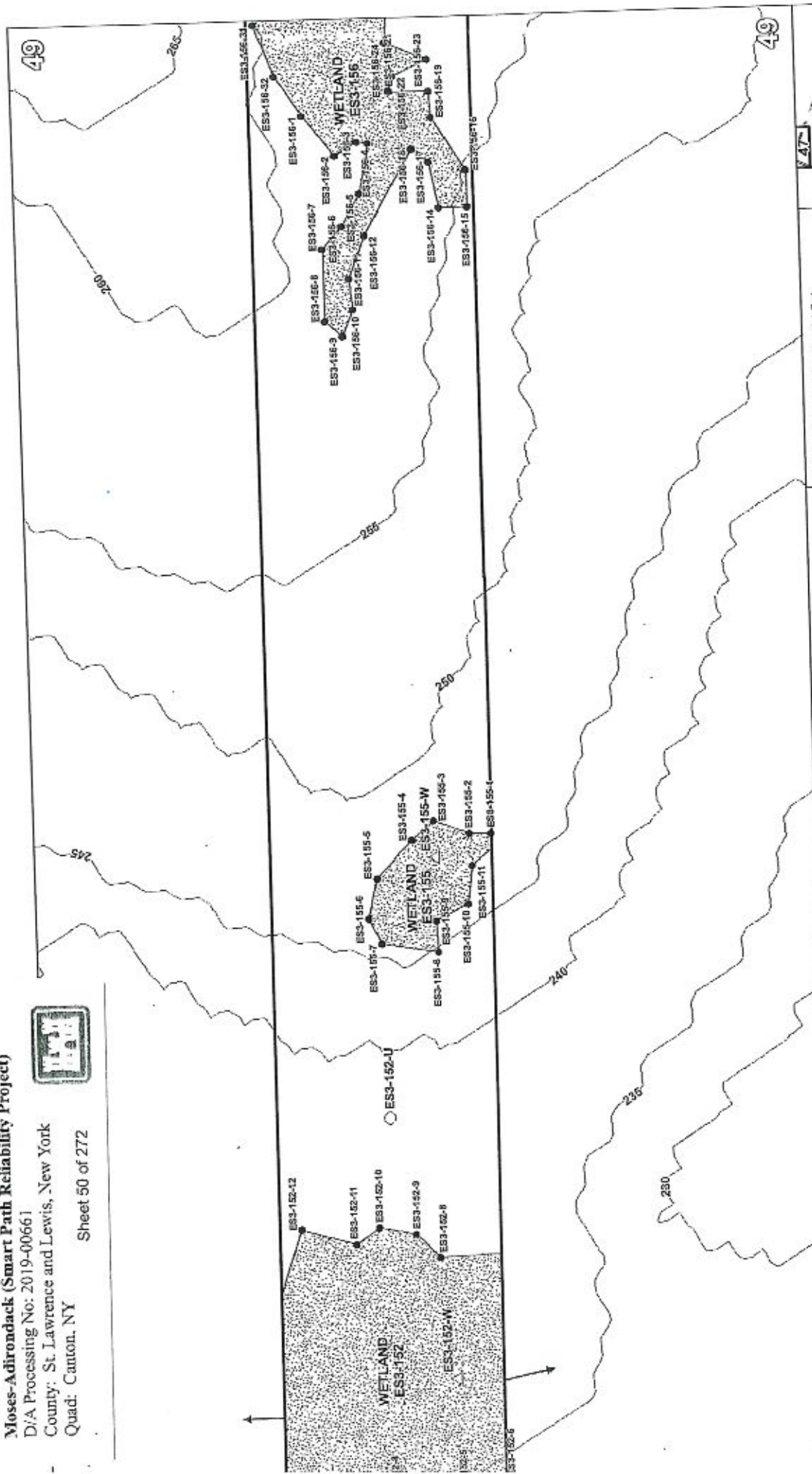
Project Area (PA)

☐ Delineated Culvert

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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- sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Survey Professionals
1000 West 10th Street
Canton, NY 13616
518-399-1234
www.wsp-ny.com

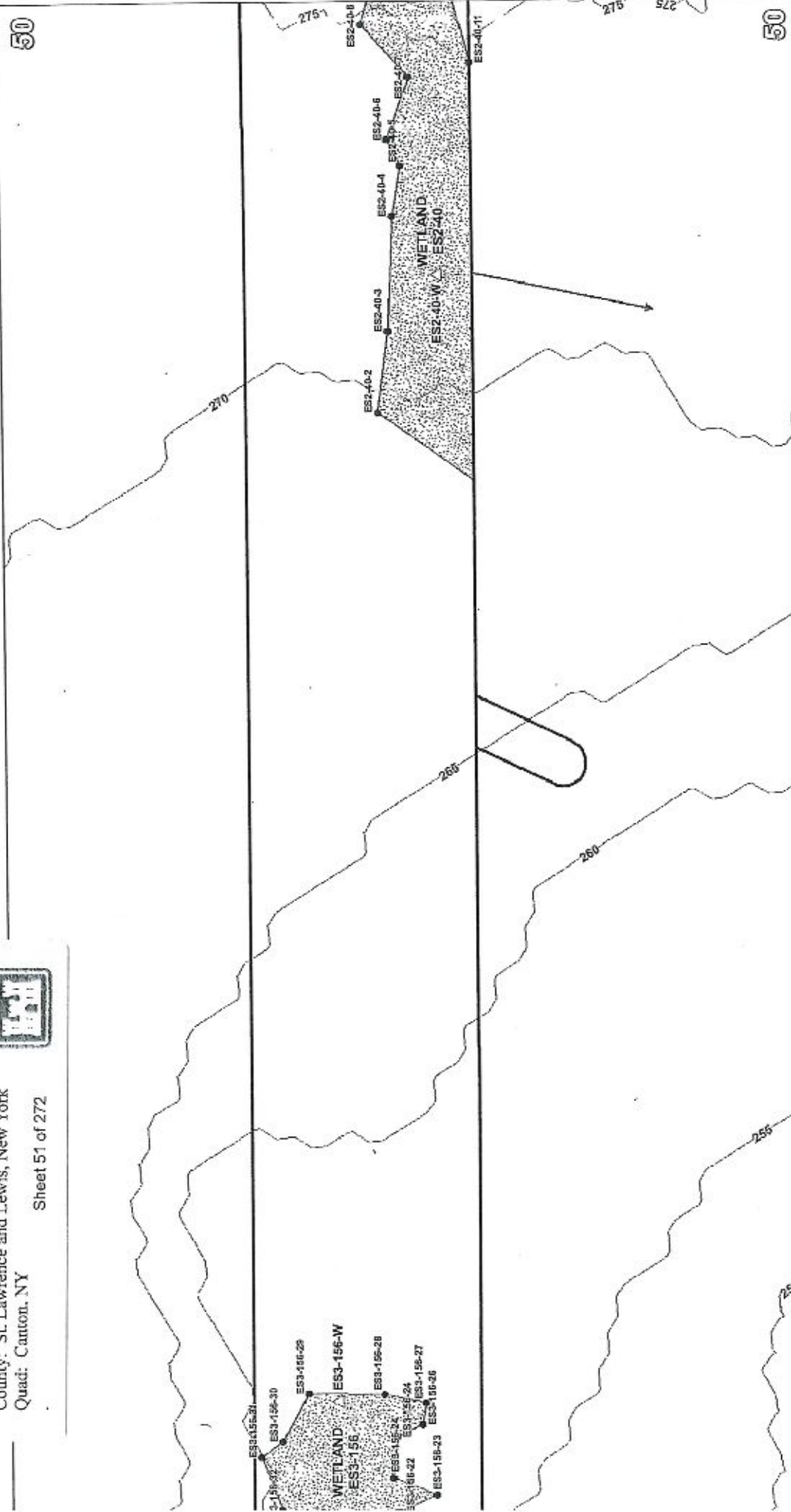
MALE
MALE
1000 West 10th Street
Canton, NY 13616
518-399-1234
www.male.com

WSP
Wetland Survey Professionals
1000 West 10th Street
Canton, NY 13616
518-399-1234
www.wsp-ny.com

MALE
MALE
1000 West 10th Street
Canton, NY 13616
518-399-1234
www.male.com

0 100 200 Feet

45 46 47 48 49 50 51 52



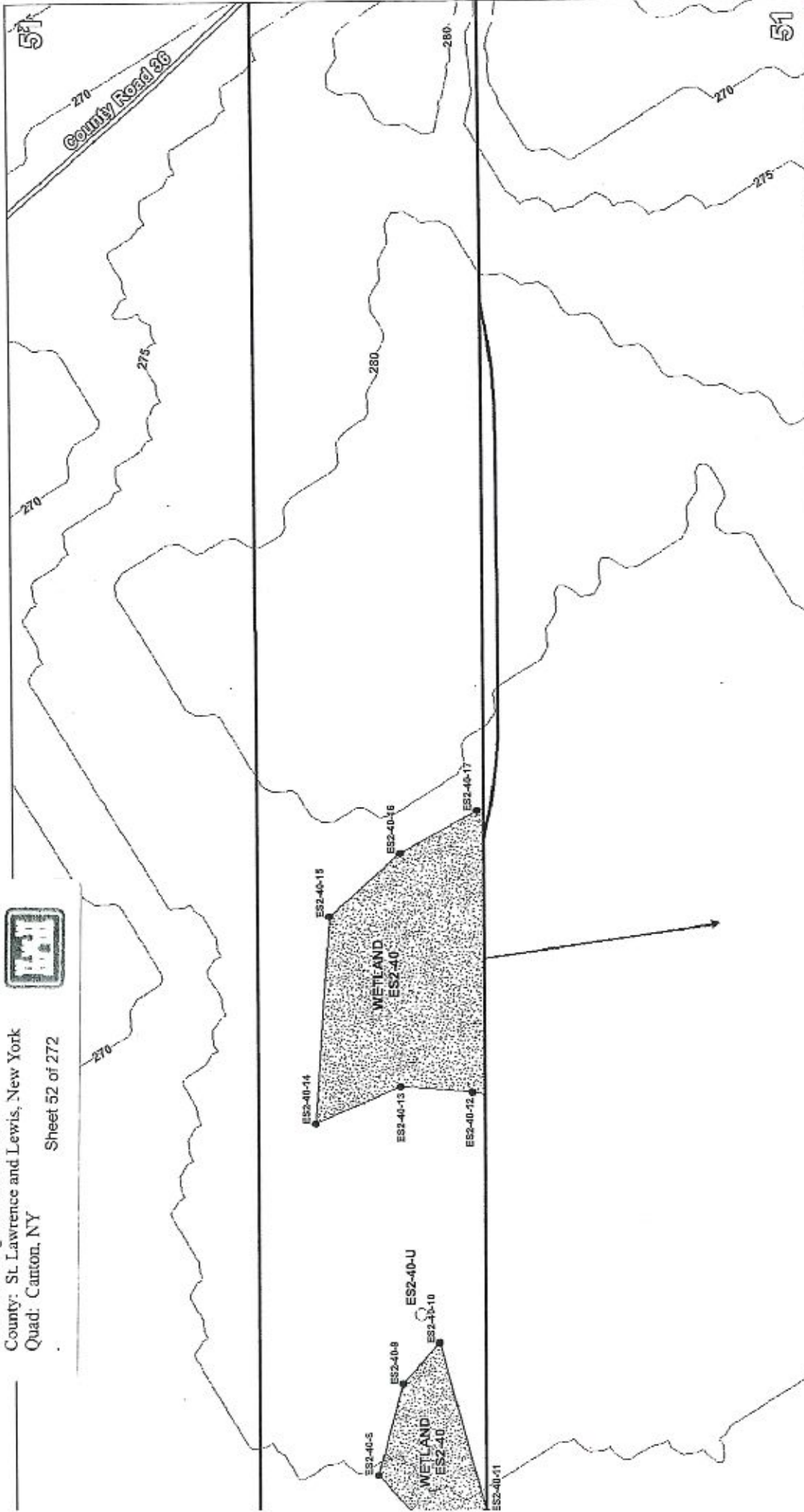
Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ESJ 0 100 200 Feet 46 47 48 49 50 51 52 53	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 50 of 271	Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
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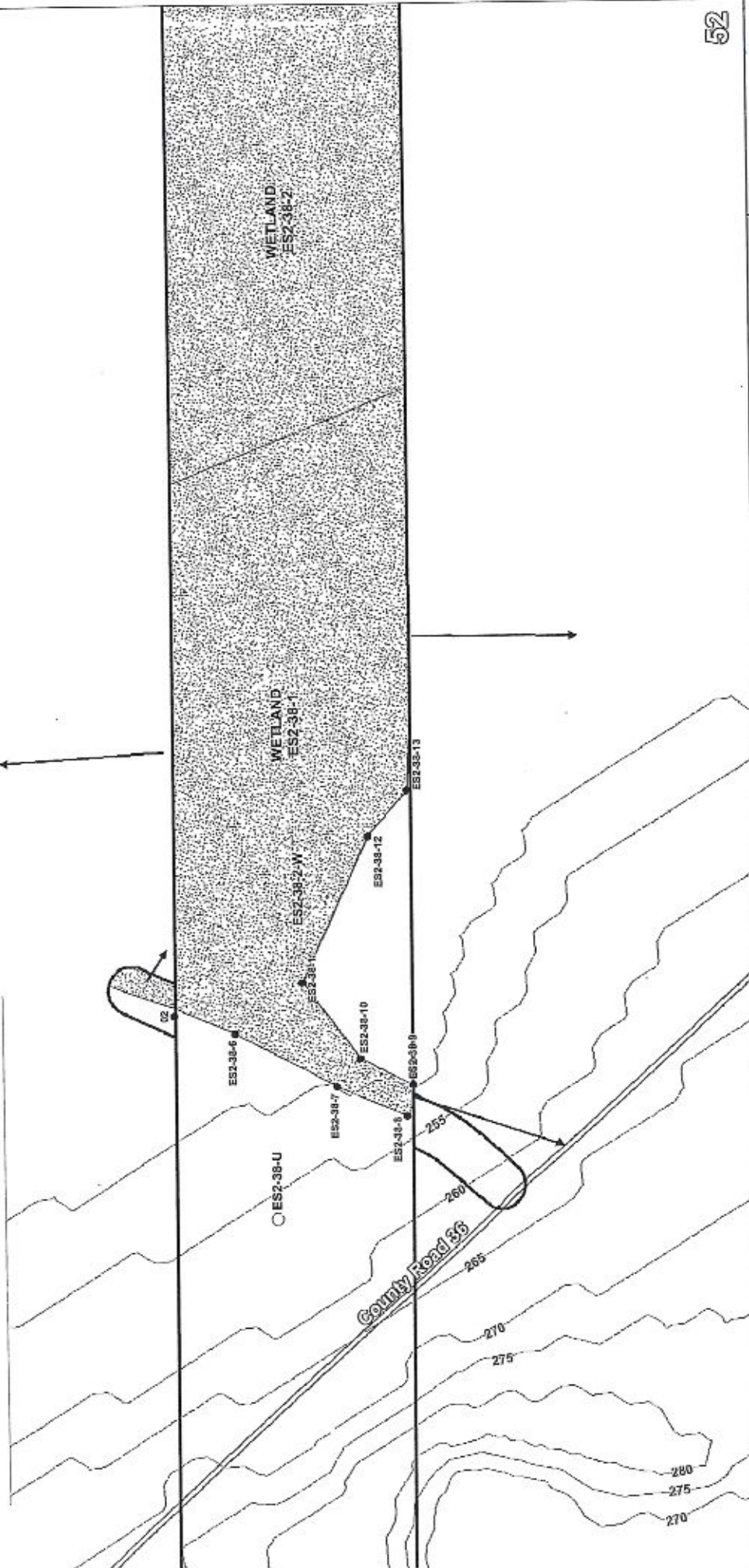
Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert ↑ Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 51 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US WSP WETLAND SURVEY PROJECTS ES2 ENVIRONMENTAL SCIENCE TECHNOLOGIES 0 100 200 Feet 48 49 50 51 52 53 54
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

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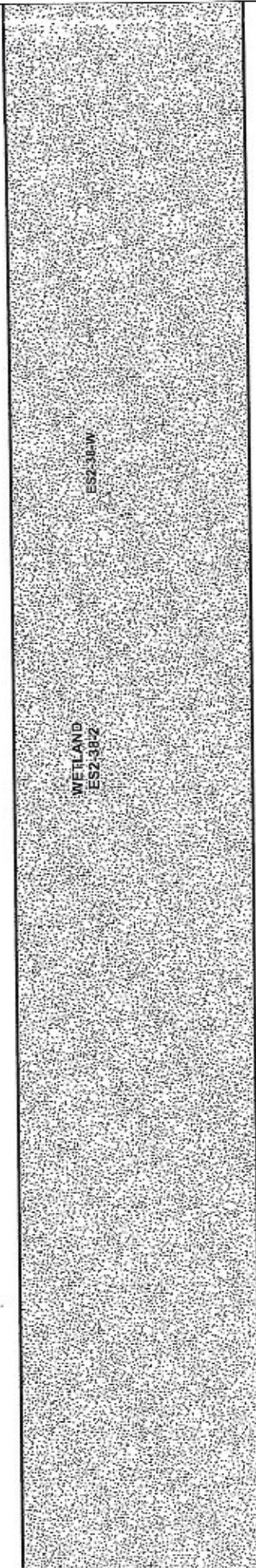


52

Legend ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert → Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 52 of 271	Coordinate System: State Plane New York East Projected Horizontal Measure Unit: Feet US Vertical Datum: Mean Sea Level Unit: Feet US WSP WATERSHED SERVICES ADIRONDACK 0 100 200 Feet	
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53



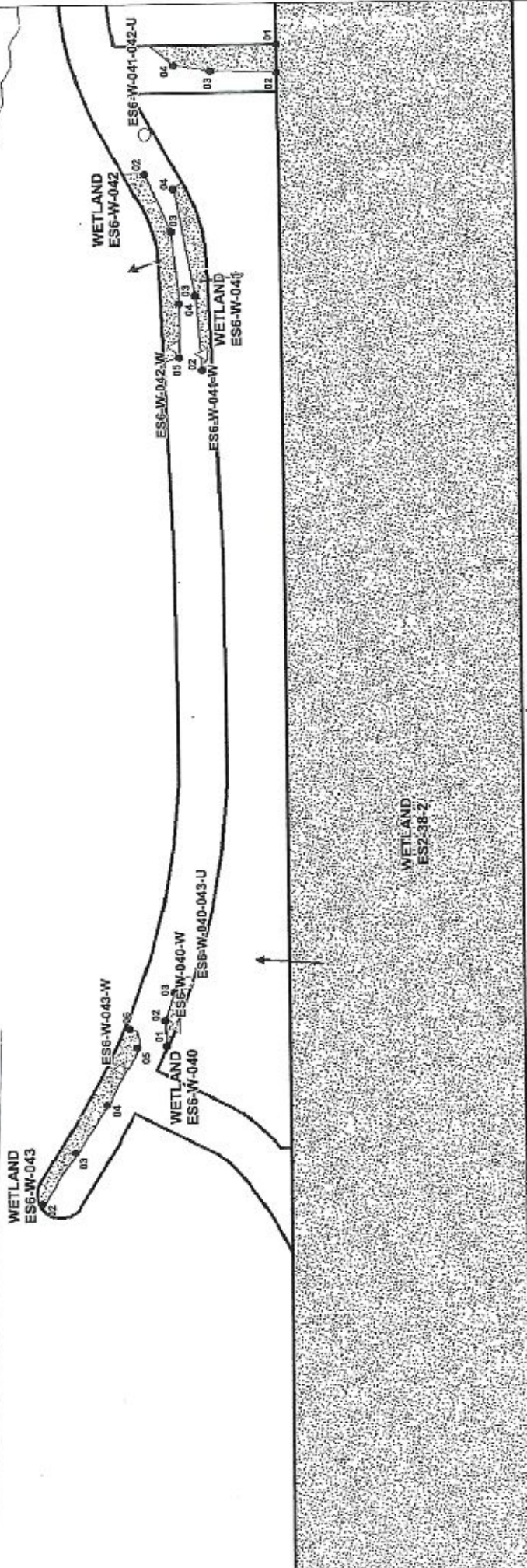
53

Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA) Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Geospatial Systems State Plaza New York East Project: Transacted Moscor Date: 10/1/2019 User: Tact US 0 100 200 Feet
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

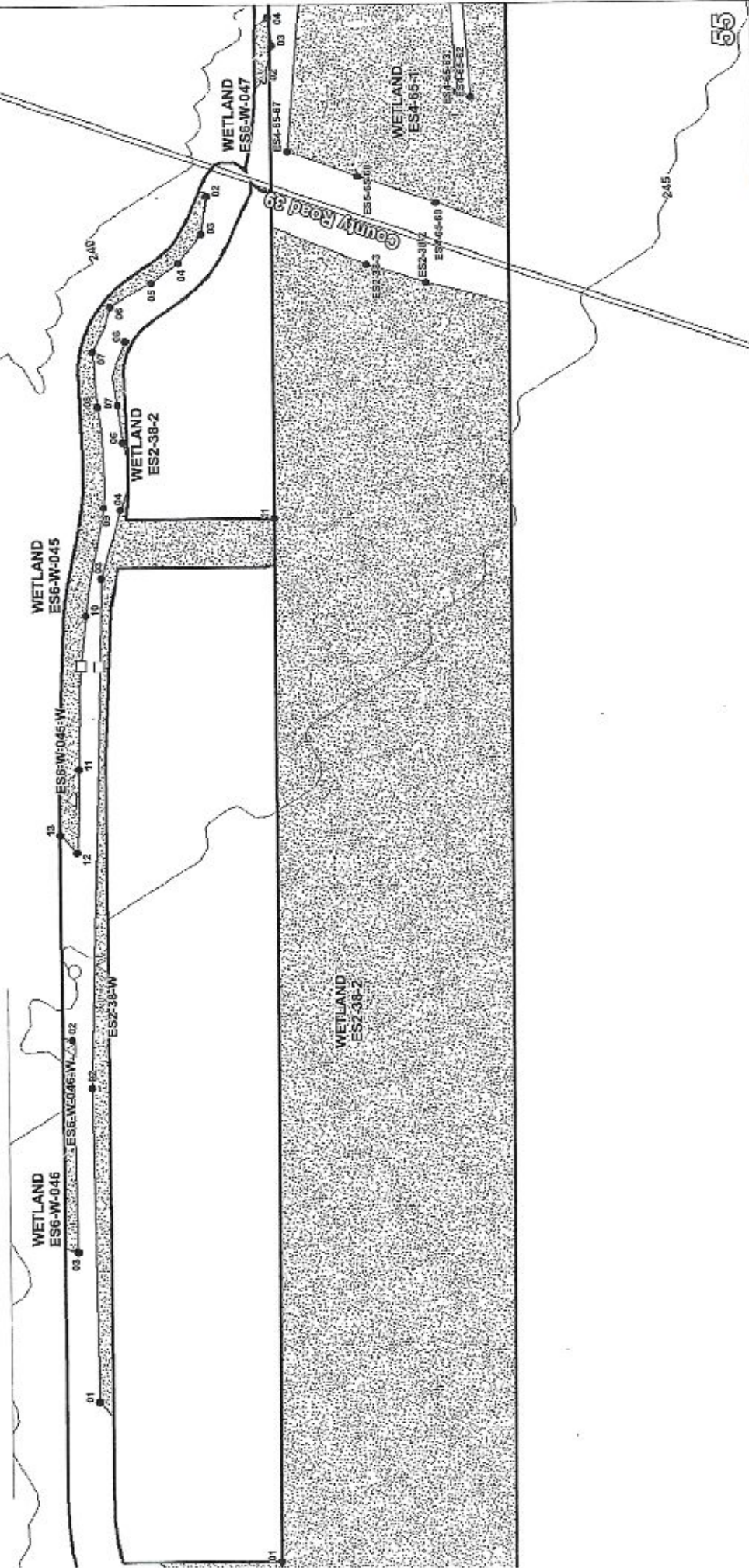
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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
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Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 56 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US 0 100 200 Feet
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PJD

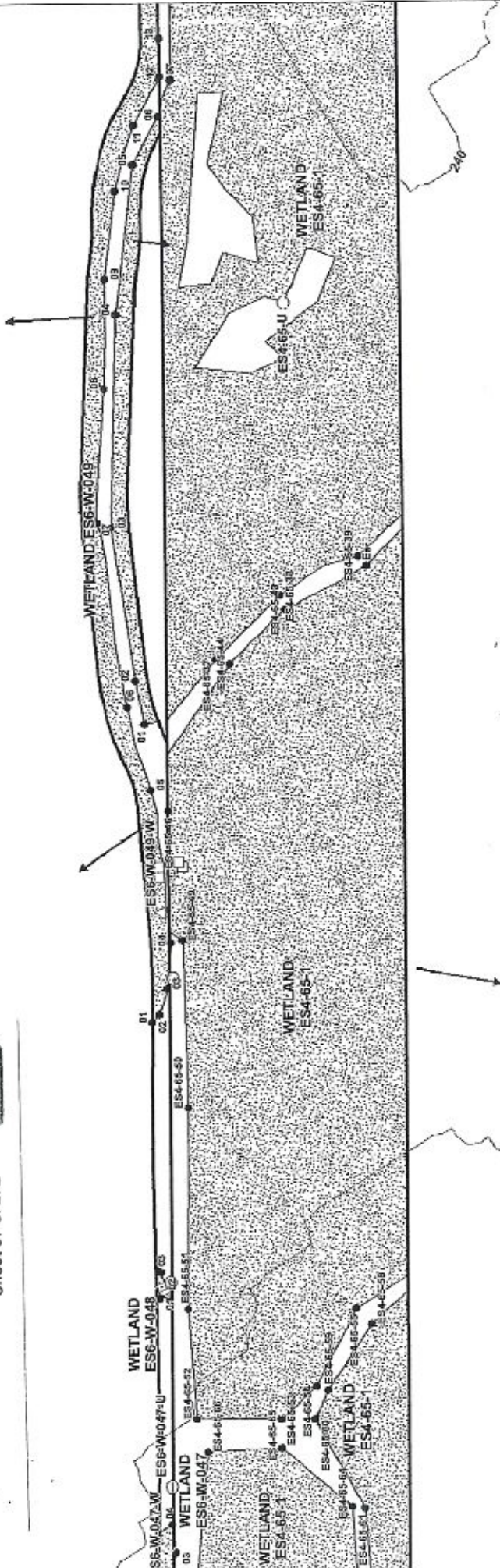
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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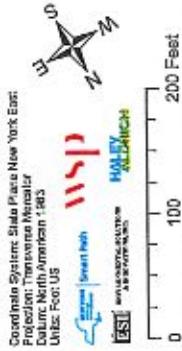


Sample Point

- | | | | |
|----------------------------------|--------------------|---|--------------------------|
| ☐ | Upland |  | Field-Delineated Stream |
| ☐ | Wetland |  | Field-Delineated Wetland |
| ☒ | Delineated Flag |  | Project Area (PA) |
| ☐ | Delineated Culvert |  | |

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

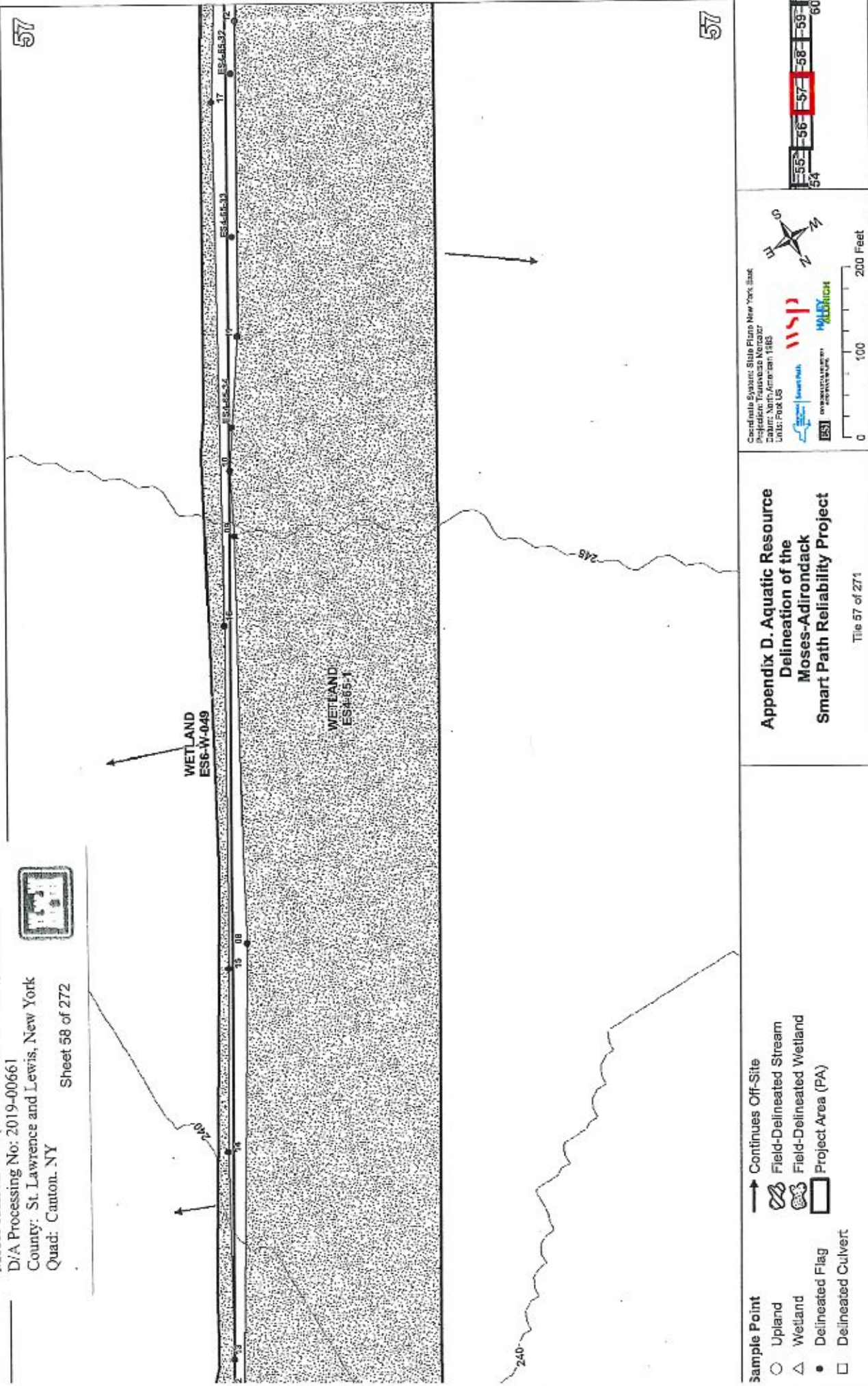
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

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 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York, East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

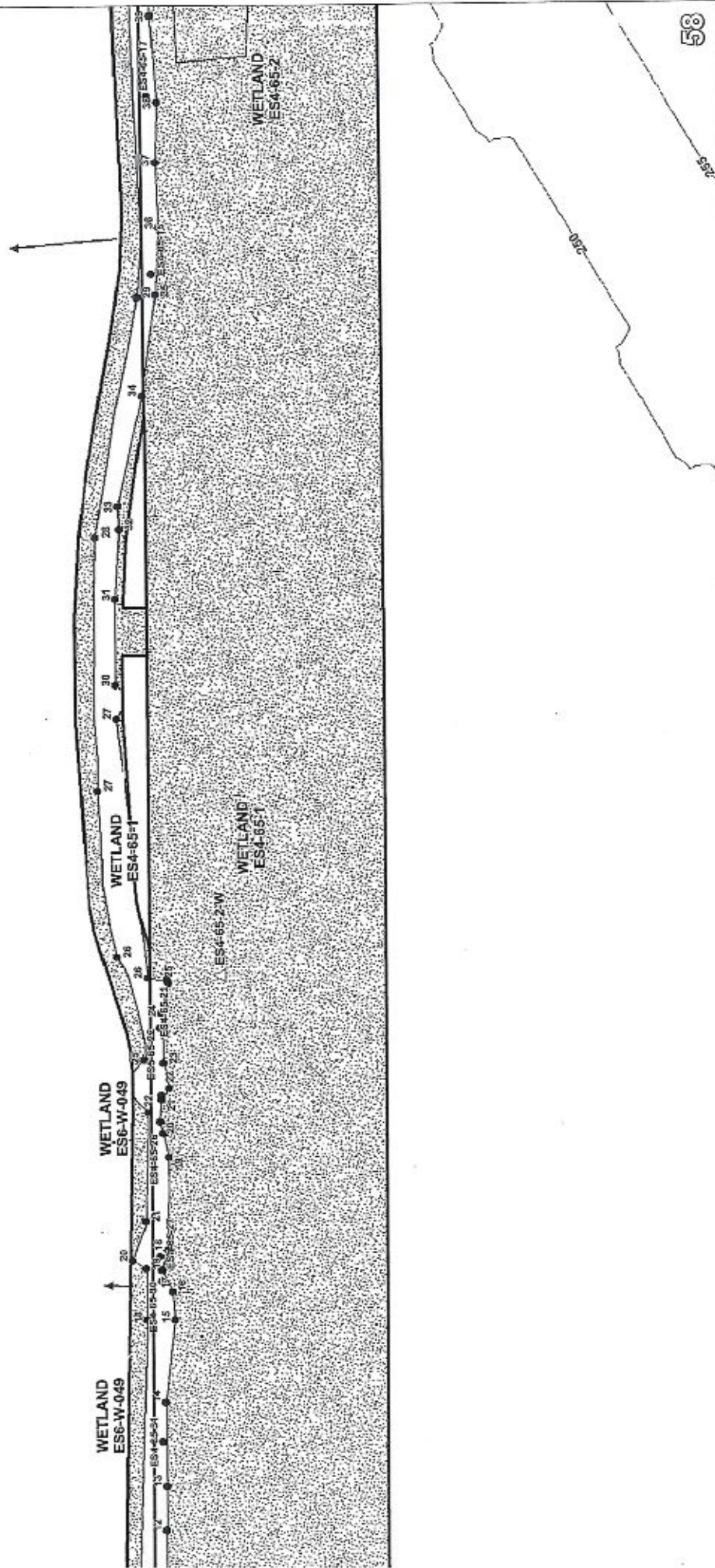


0 100 200 Feet





58



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

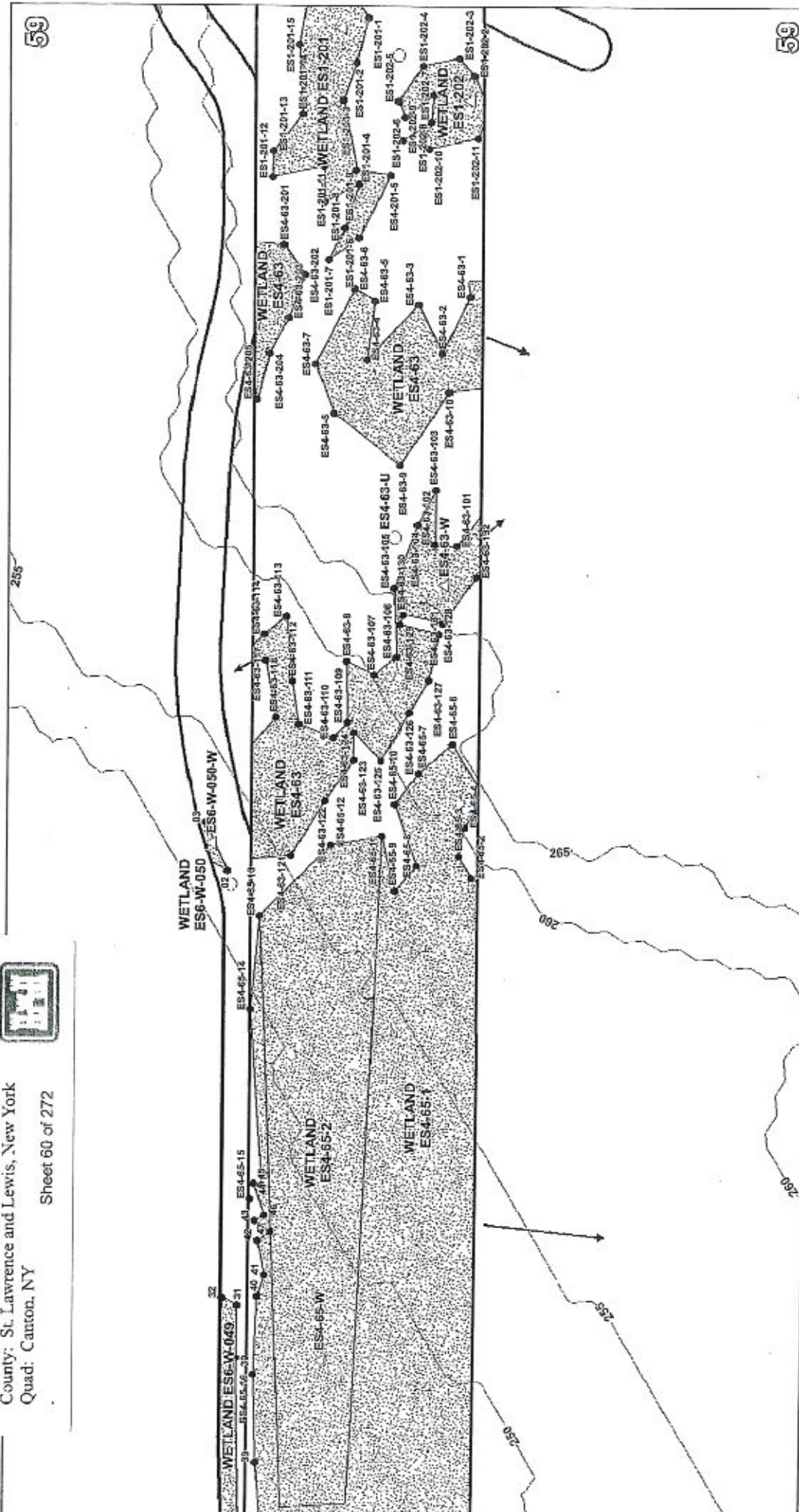
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Universal Transverse Mercator
Datum: North American 1983
Units: Feet US





Sample Point

- ☐ Upland
☐ Wetland
☒ Delineated Flag
☐ Delineated Culvert

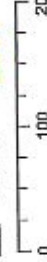
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate Systems State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Meter

PJD

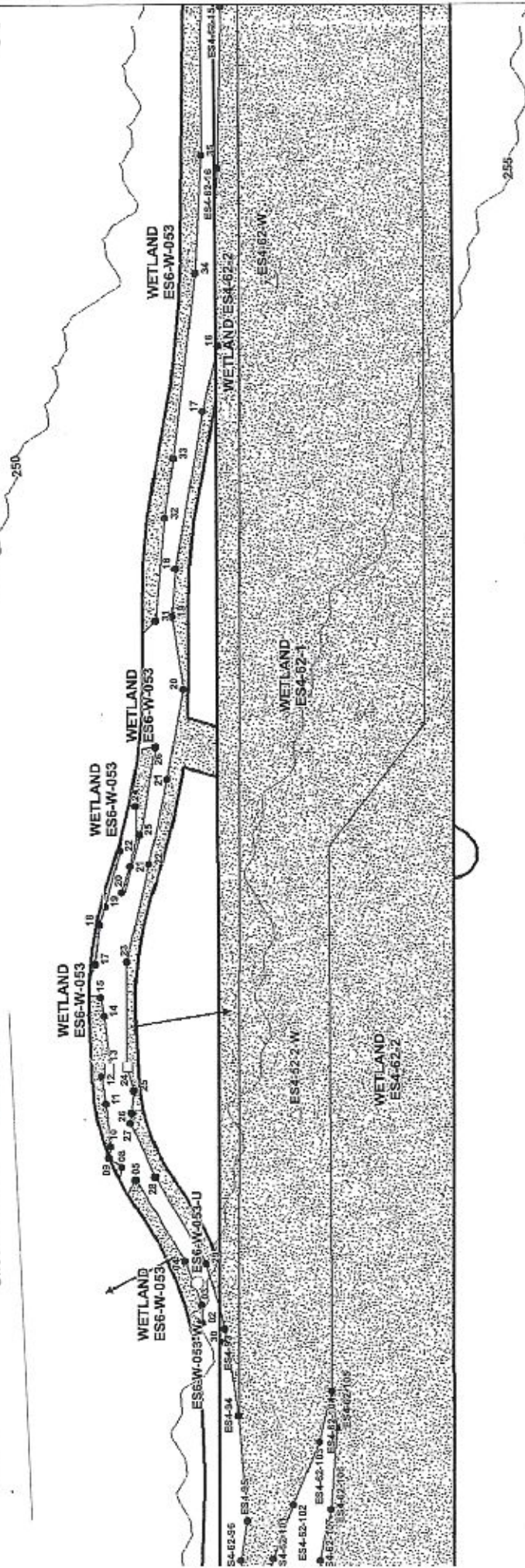
NYPA Moses-Adirondack (Smart Path Reliability Project)

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Quad: Canton, NY

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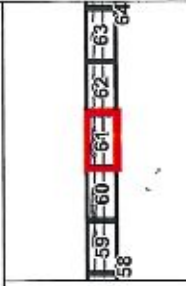
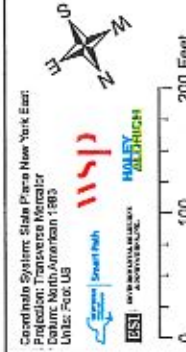
255

260

61

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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NYPA

Moses-Adirondack (Smart Path Reliability Project)

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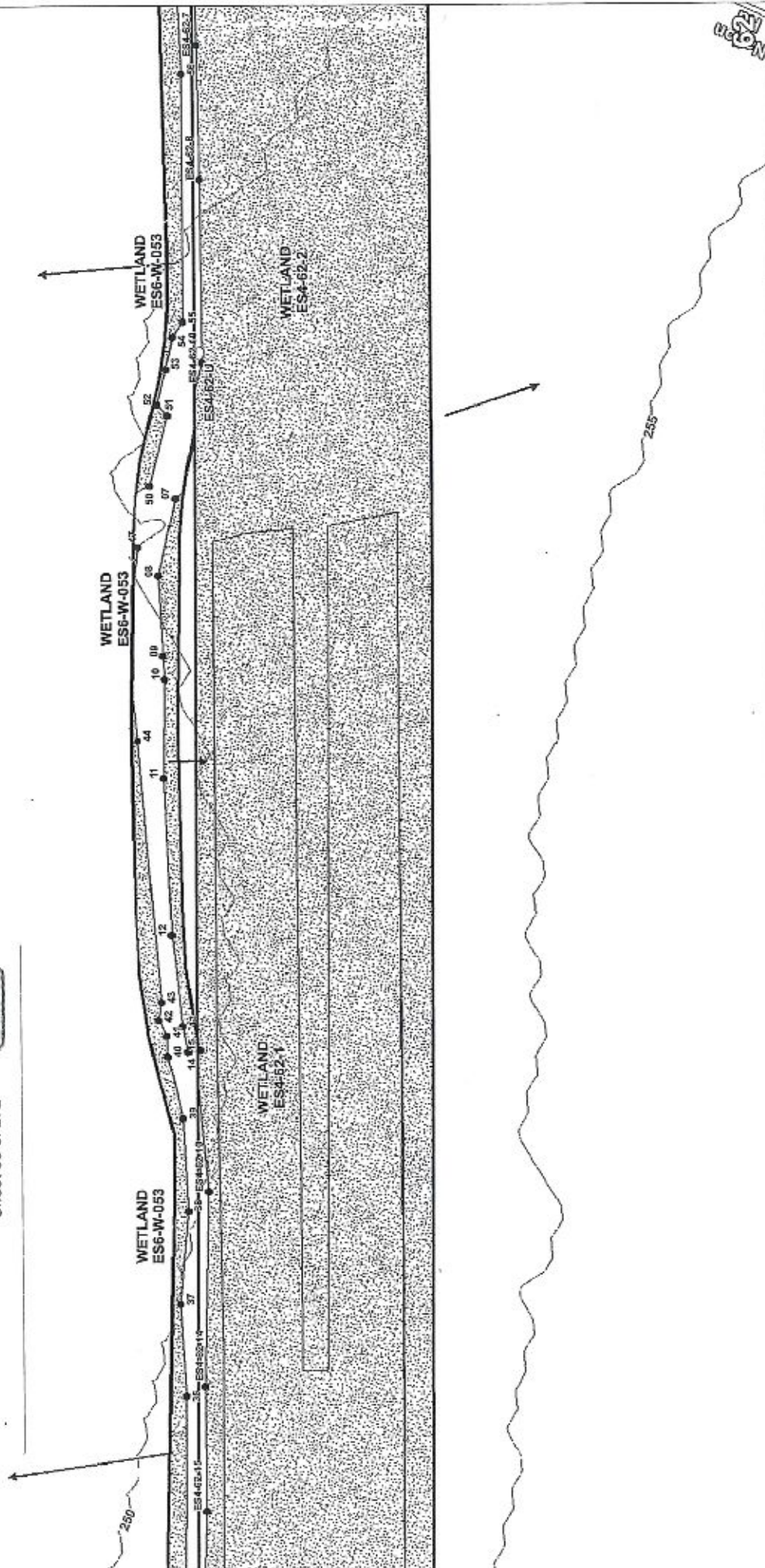
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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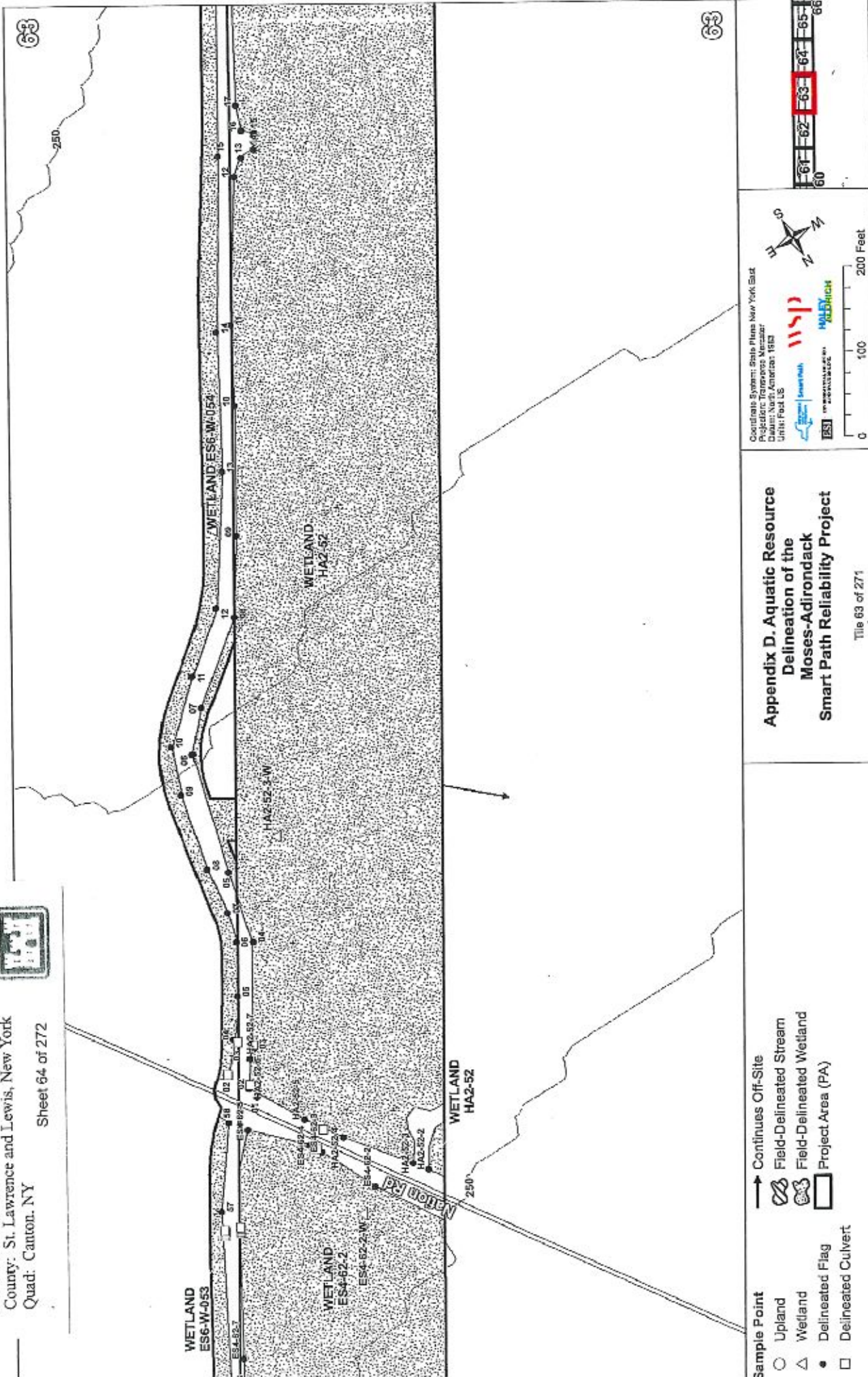
Sample Point ○ Upland △ Wetland • Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 62 of 271
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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ES4-62-1 ES4-62-2 ES4-62-3

0 100 200 Feet

60 61 62 63 64 65



Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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- Sample Point
 ○ Upland
 △ Wetland
 • Delineated Flag
 □ Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: NAD 83
 Unit: Feet US
 UTM Zone: 18QJ
 UTM Easting: 18QJ
 UTM Northing: 18QJ

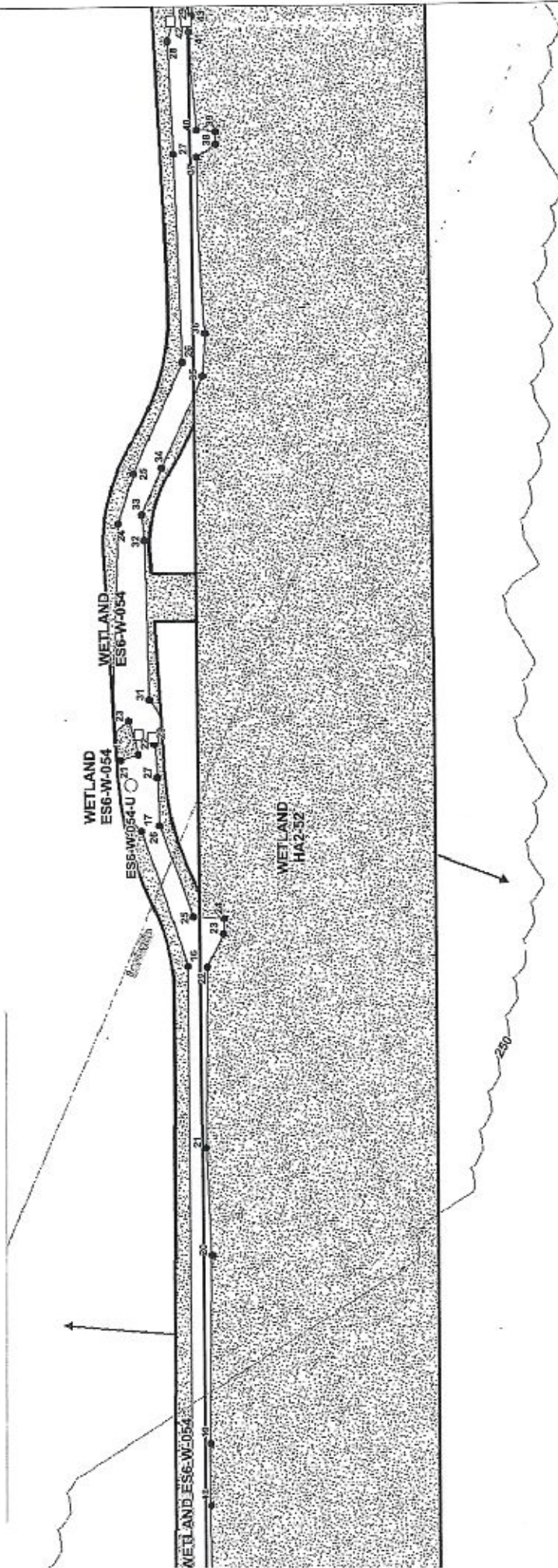


0 100 200 Feet





64



64

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

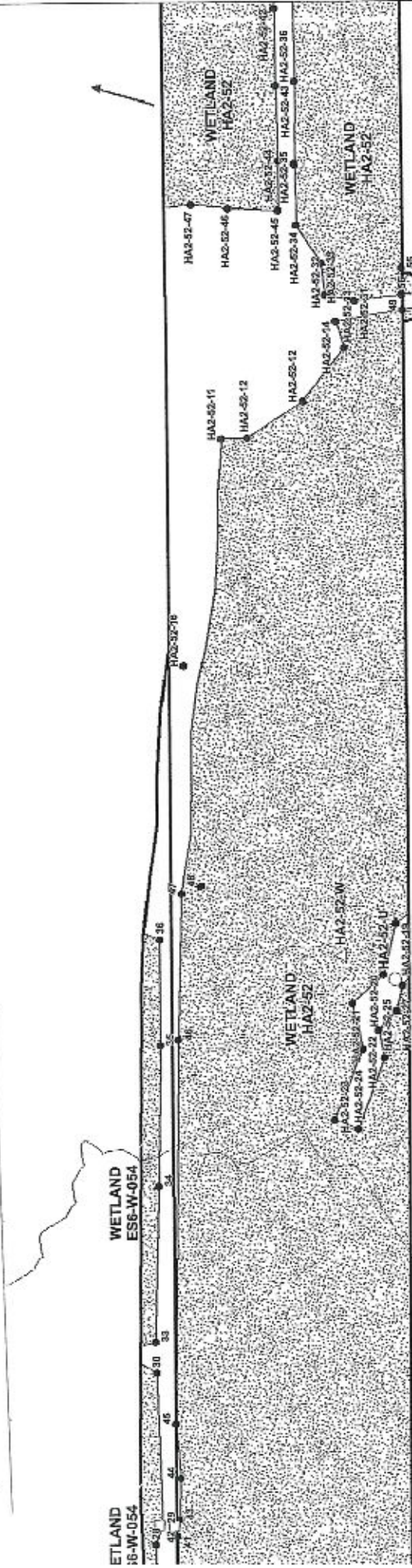
Tile 64 of 271

Geographic System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US





65

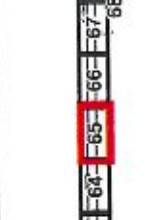


65

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projected Transverse Mercator
 Unit: Feet US
 WSP
 MOLEY
 HOLEY



- ample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

PJD

**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

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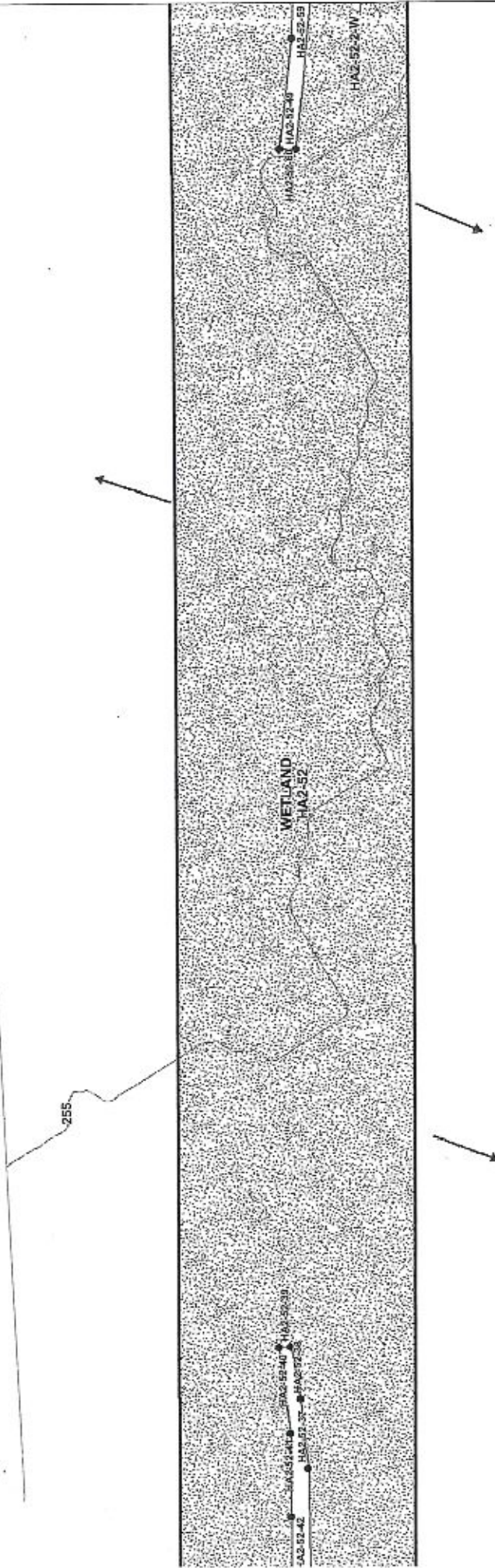
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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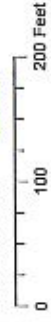
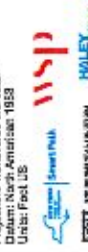
67

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



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☐ Delineate

Project Area (PA)



 ISI
 The ISI Group is a
 research and information service

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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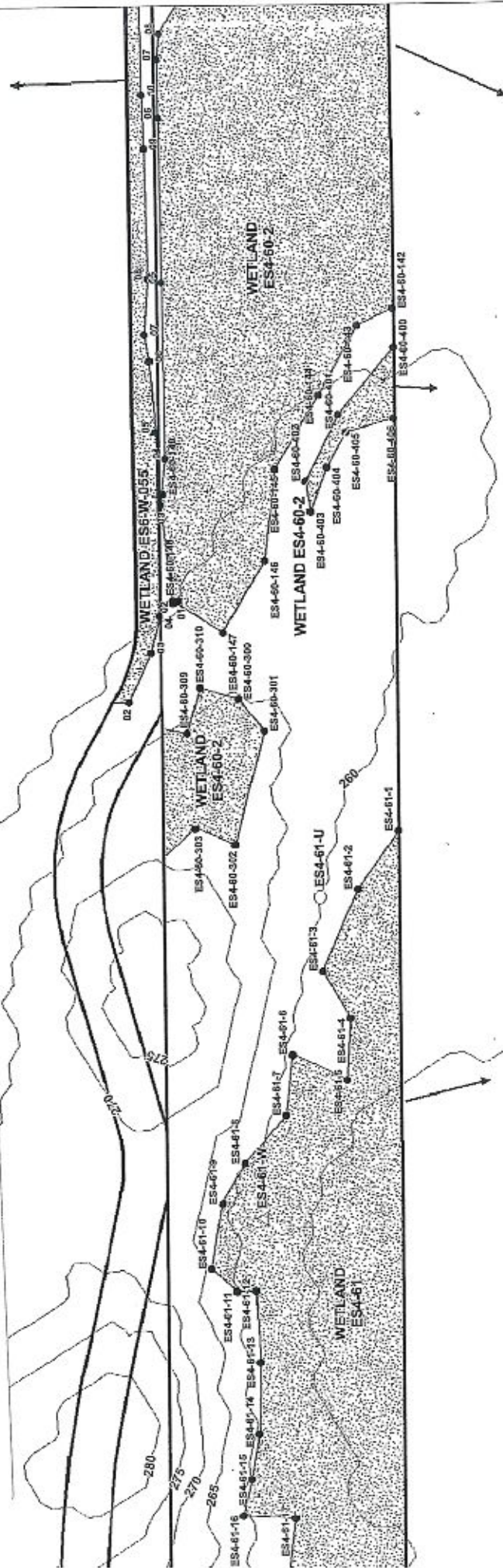


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Moses-Adirondack (Smart Path Reliability Project)

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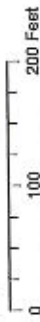
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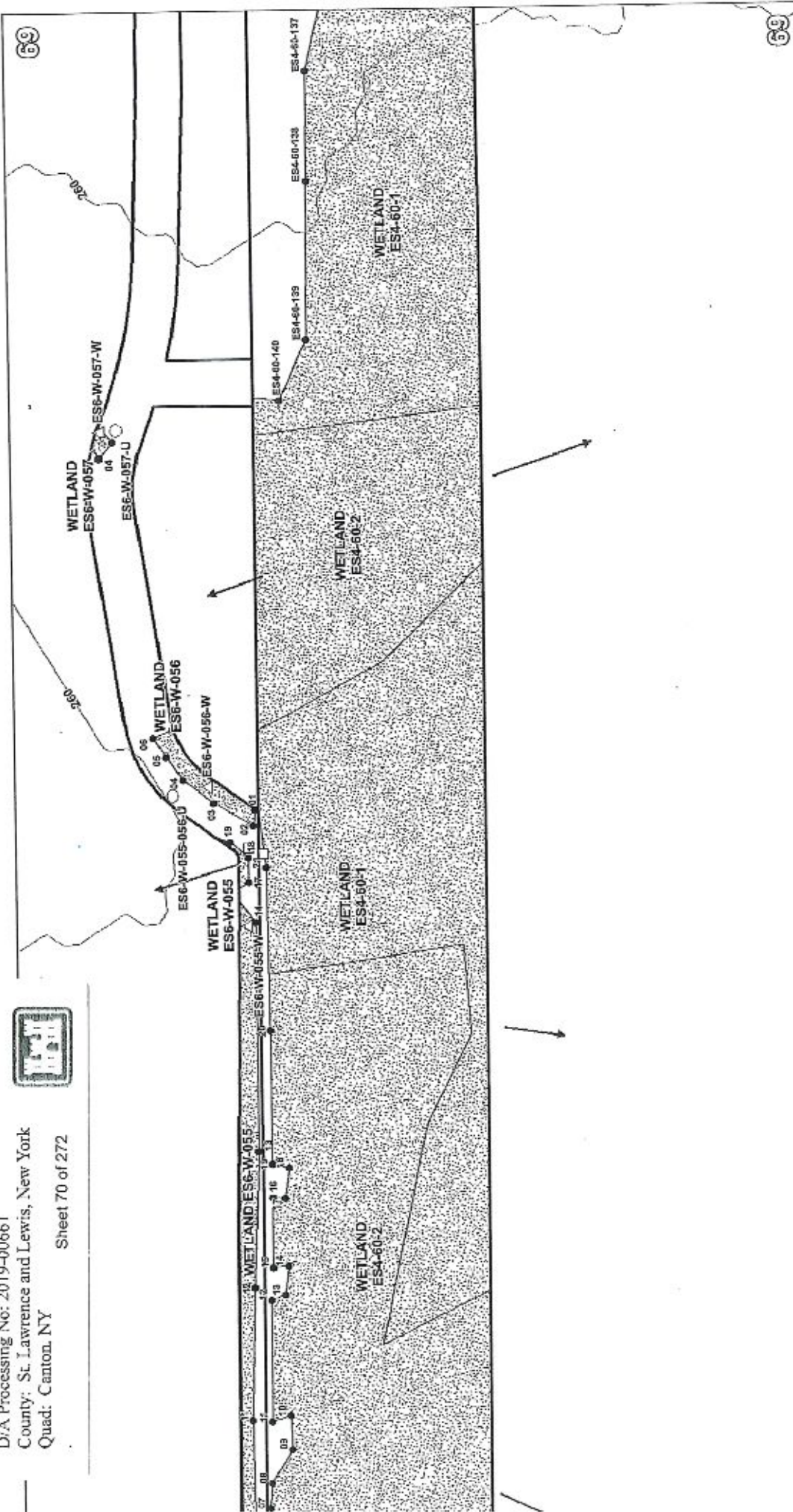
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Datum: North American 1983
 Units: Feet US





- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Quadrangle System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

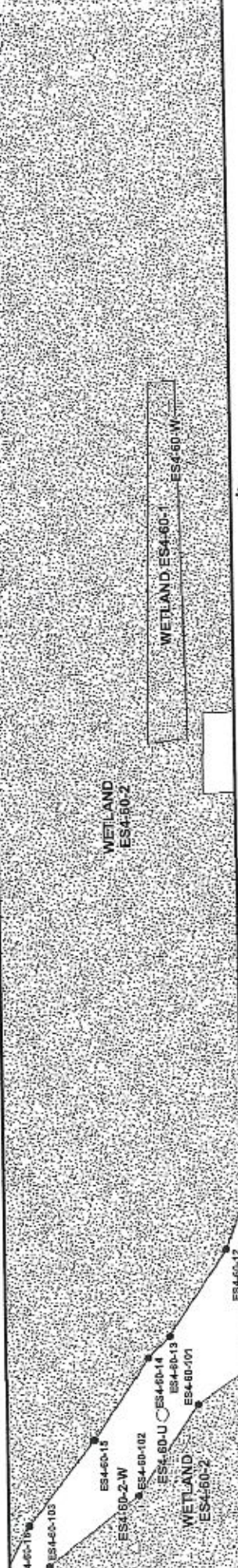
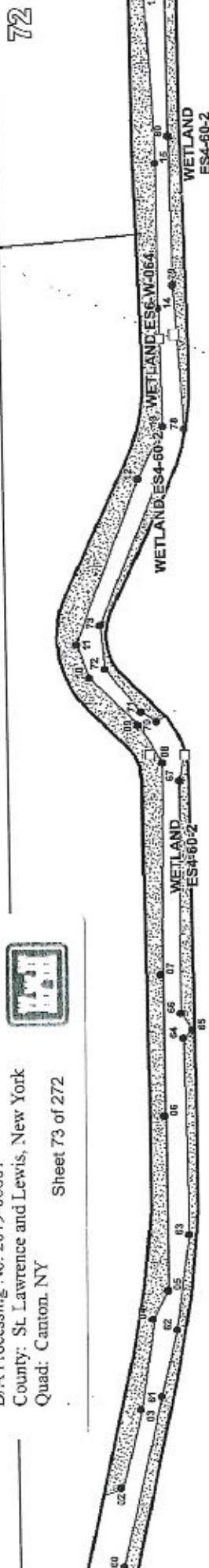






NYPA
Moses-Adirondack (Smart Path Reliability Project)
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County: St. Lawrence and Lewis, New York
Quad: Canton, NY

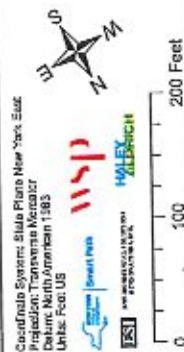
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



72

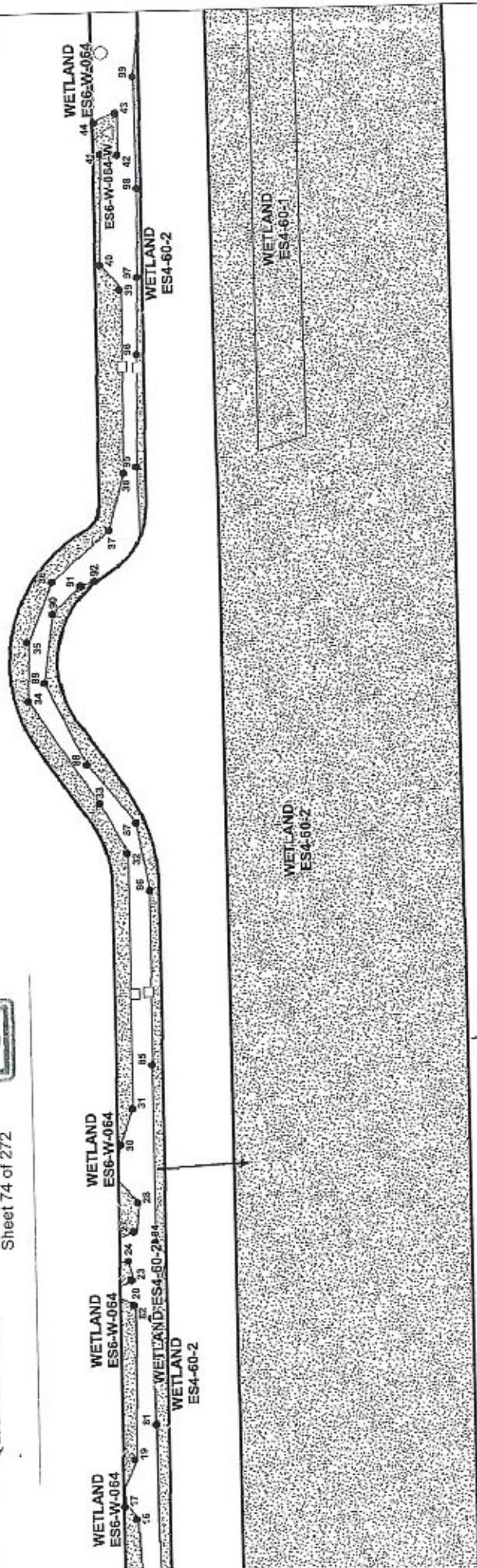
72

NYPA
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Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US
 ESRI | Bentley | WSP | WALEY | ALDRICH
 ENVIRONMENTAL DESIGN GROUP



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NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

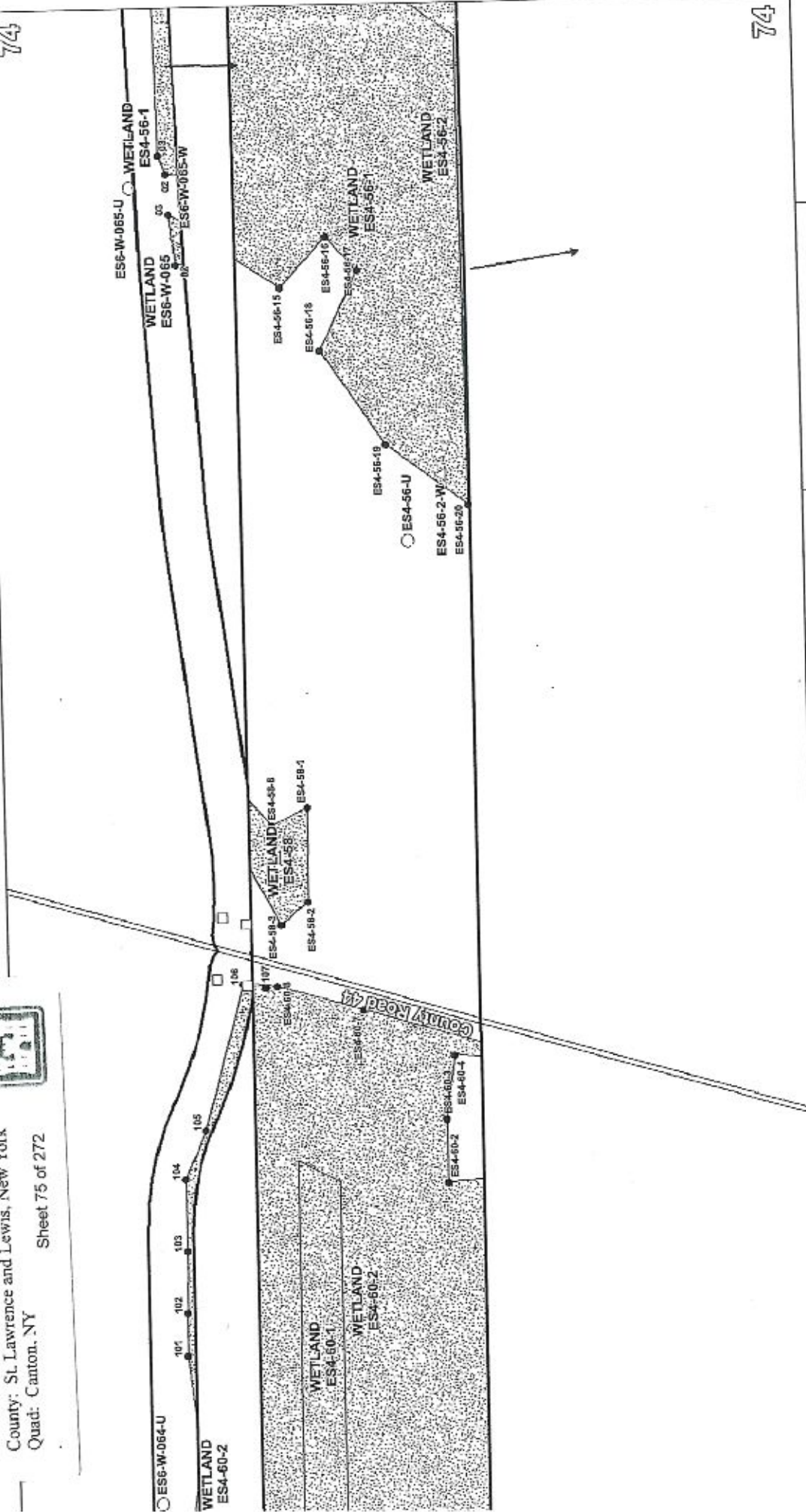
County: St Lawrence and Lewis, New York

Quad: Canton, NY

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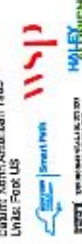
74

- Sample Point
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 74 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



PJD

**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

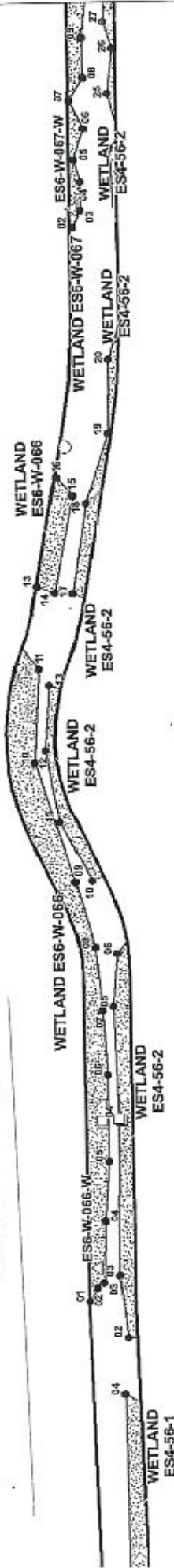
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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75



75

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 75 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

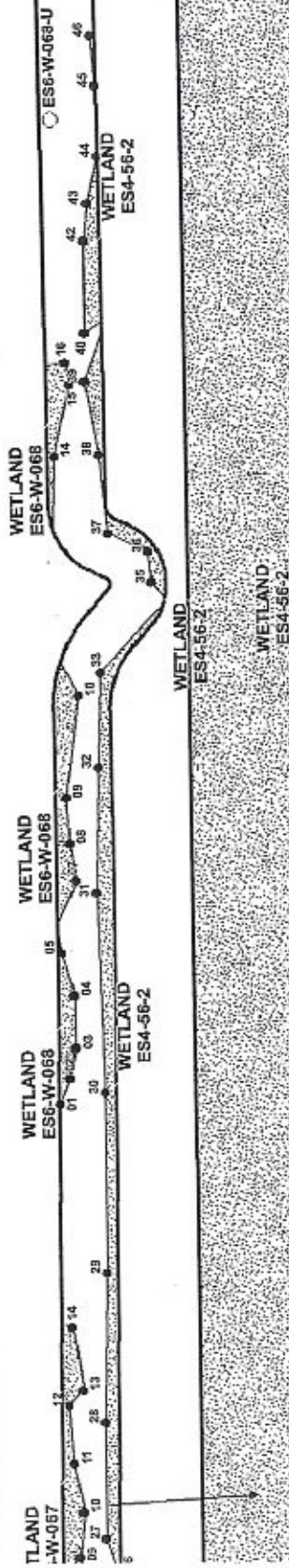
County: St. Lawrence and Lewis, New York

Quad: Carlton, NY

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76



ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

WETLAND ES4-W-068

76

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coastal Survey System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US
Scale: 1" = 100 Feet
0 100 200 Feet

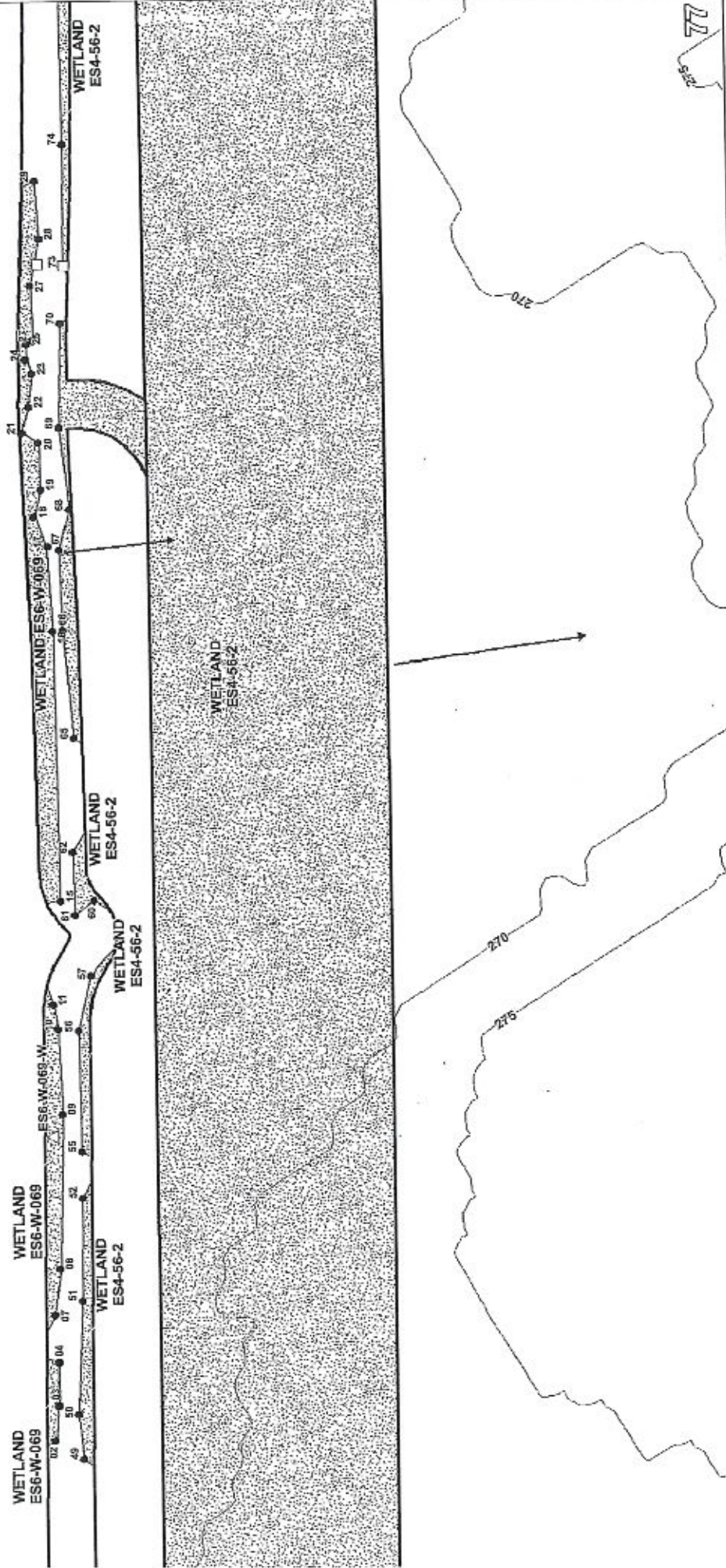


- ▶ Upland
- ▶ Wetland
- ▶ Delineated Flag
- ▶ Delineated Culvert
- ▶ Continues Off-Site
- ▶ Field-Delineated Stream
- ▶ Field-Delineated Wetland
- ▶ Project Area (PA)





77



77

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

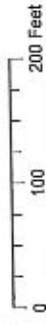
Tile 77 of 271

Coordinate System: State Plane New York East
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership

WSP
Wetland Science Partnership

WSP
Wetland Science Partnership



PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

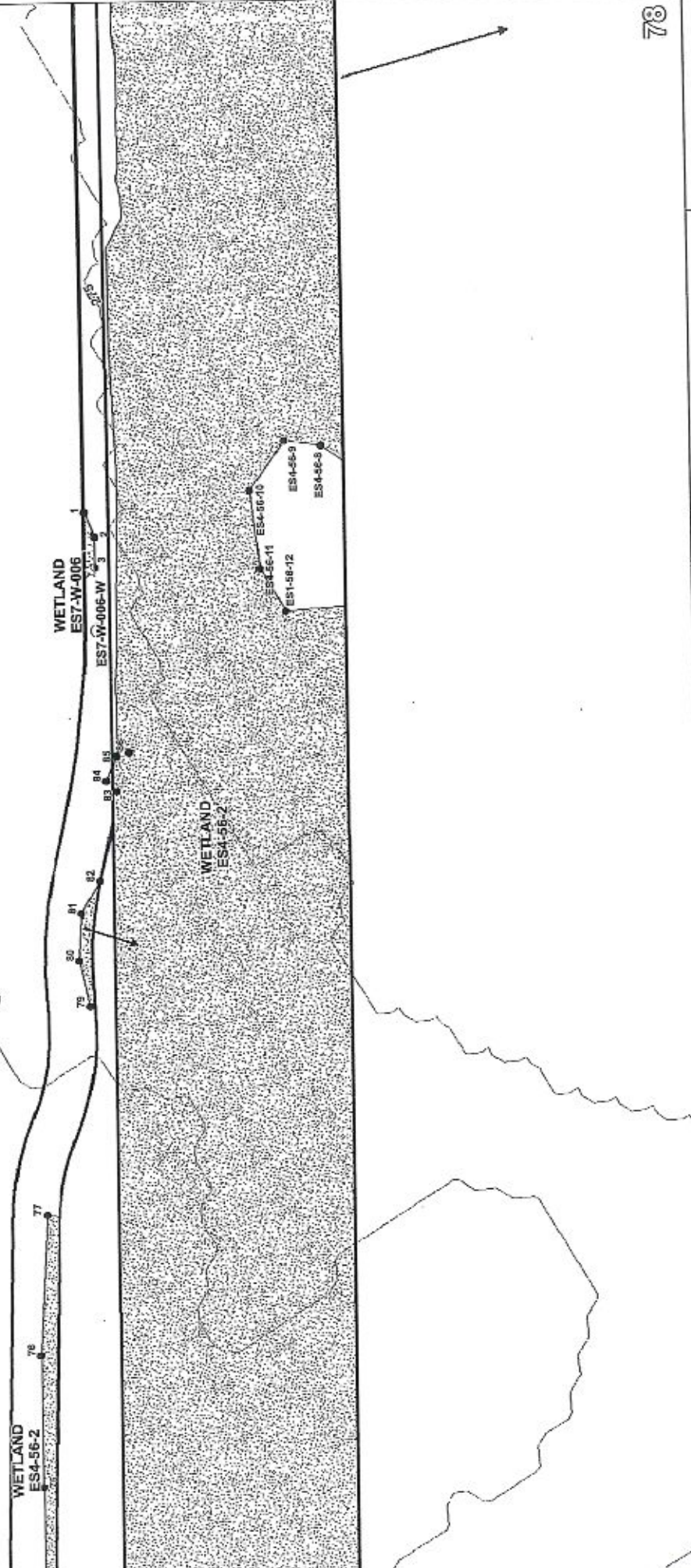
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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78



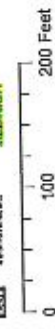
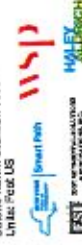
78

- Sample Point
- Upland
- Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 78 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

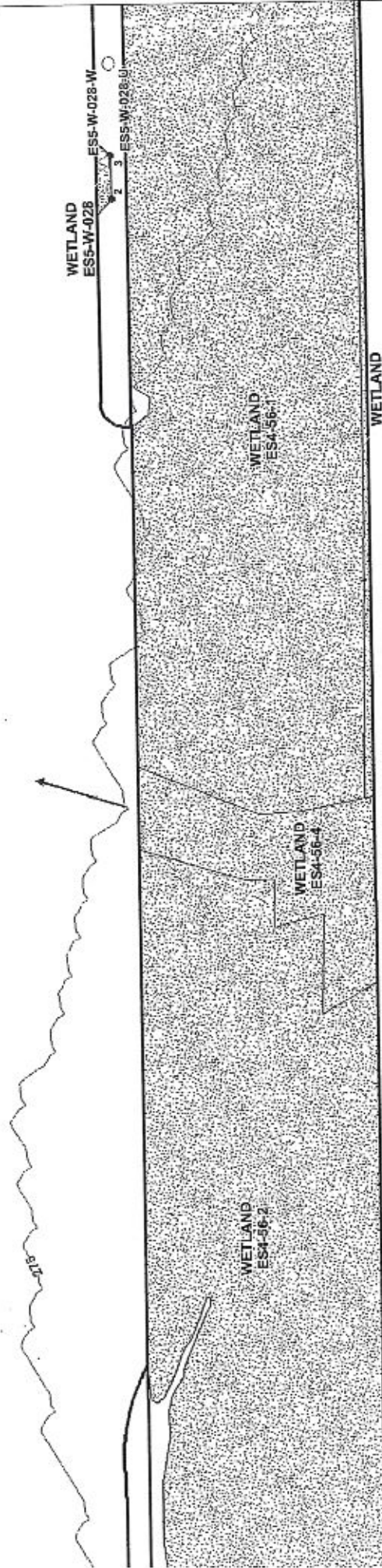
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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79



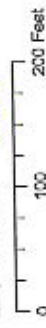
79

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 79 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Unit: Foot US



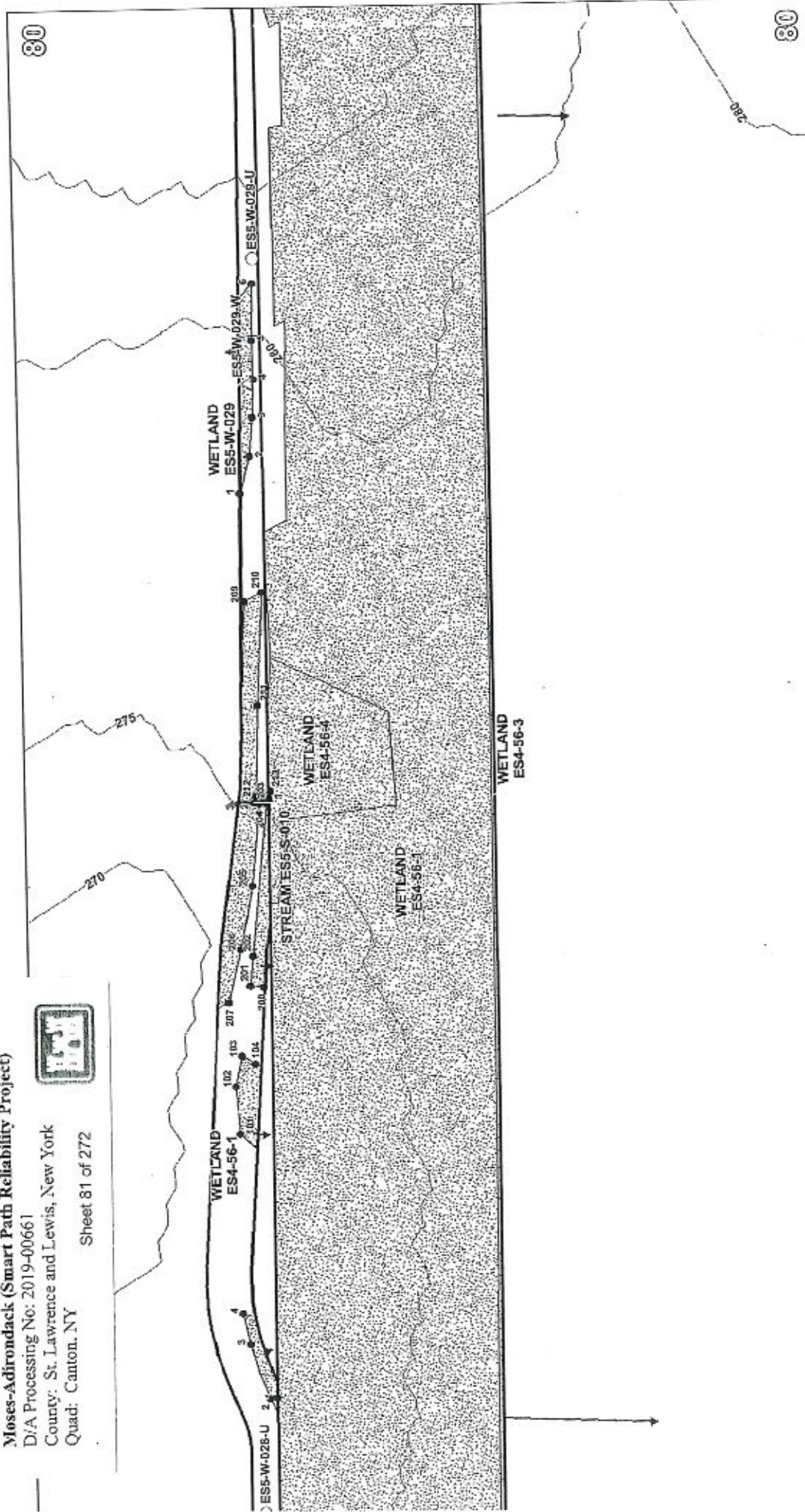
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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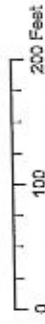


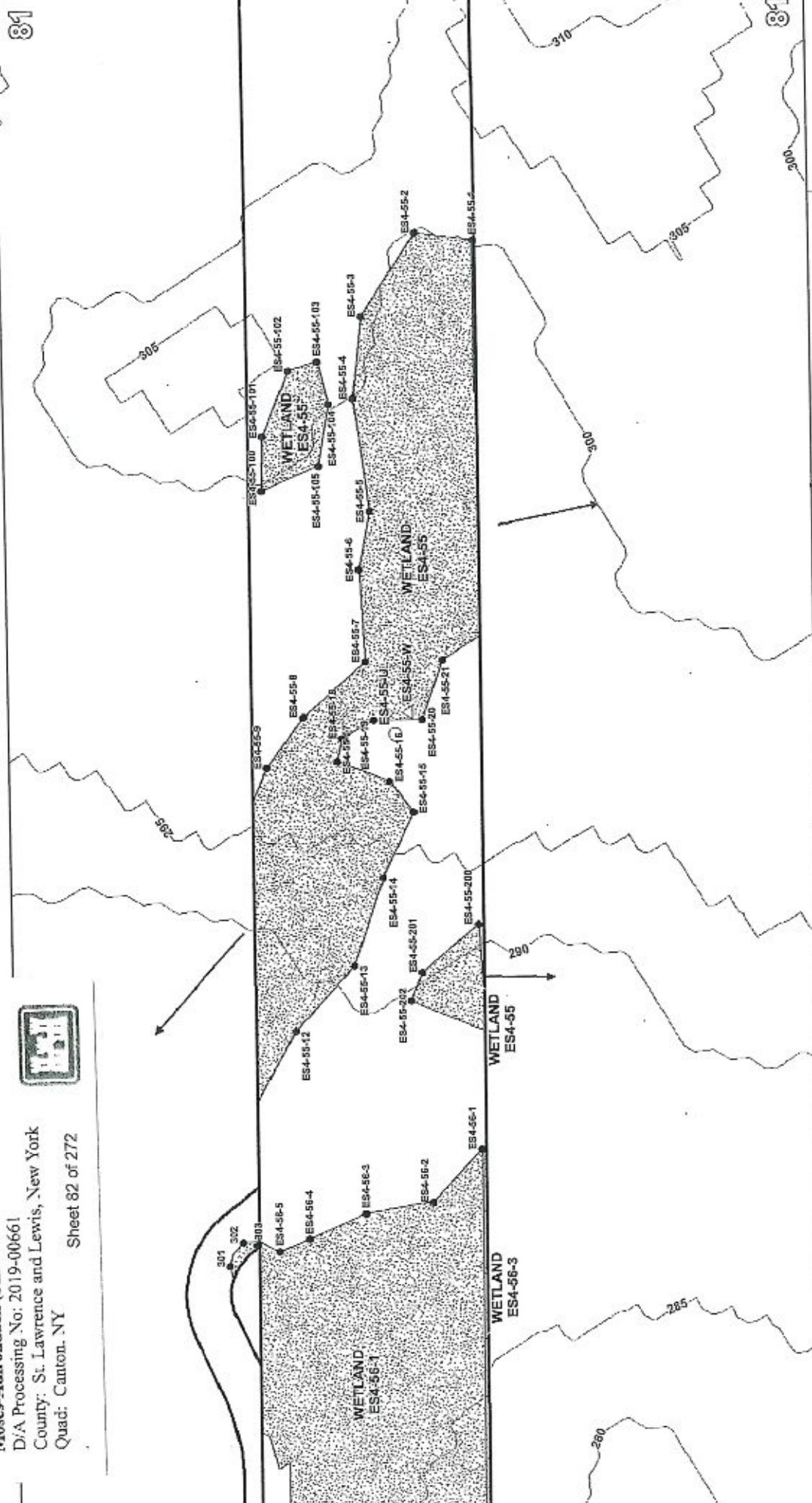
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 80 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US





- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 81 of 271

Coordinate System: State Plane New York East
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership

WALDEN
Wetland Assessment and Land Use Decision

ES
Environmental Science

0 100 200 Feet

78 79 80 81 82 83 84

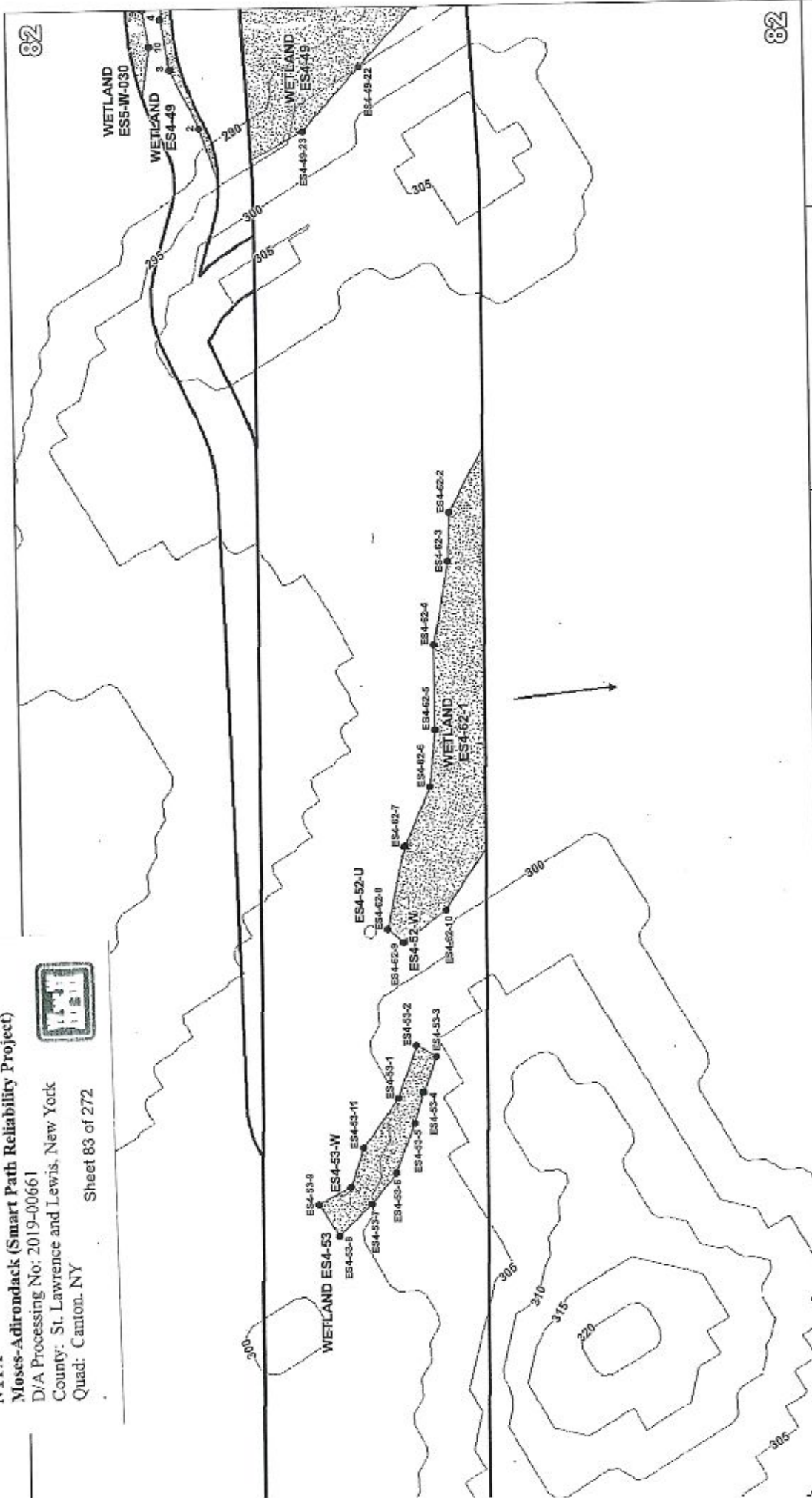
PJD

NYPA
Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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Sample Point

O Upland

Wetland

- **Wellness**
- **Wellness**

☐ Delineate

→ Continues Off-Site

 Field-Delineated Stream

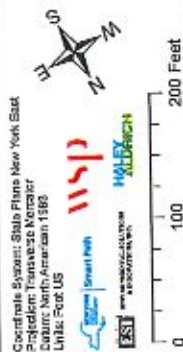
Field-Delineated Wetland

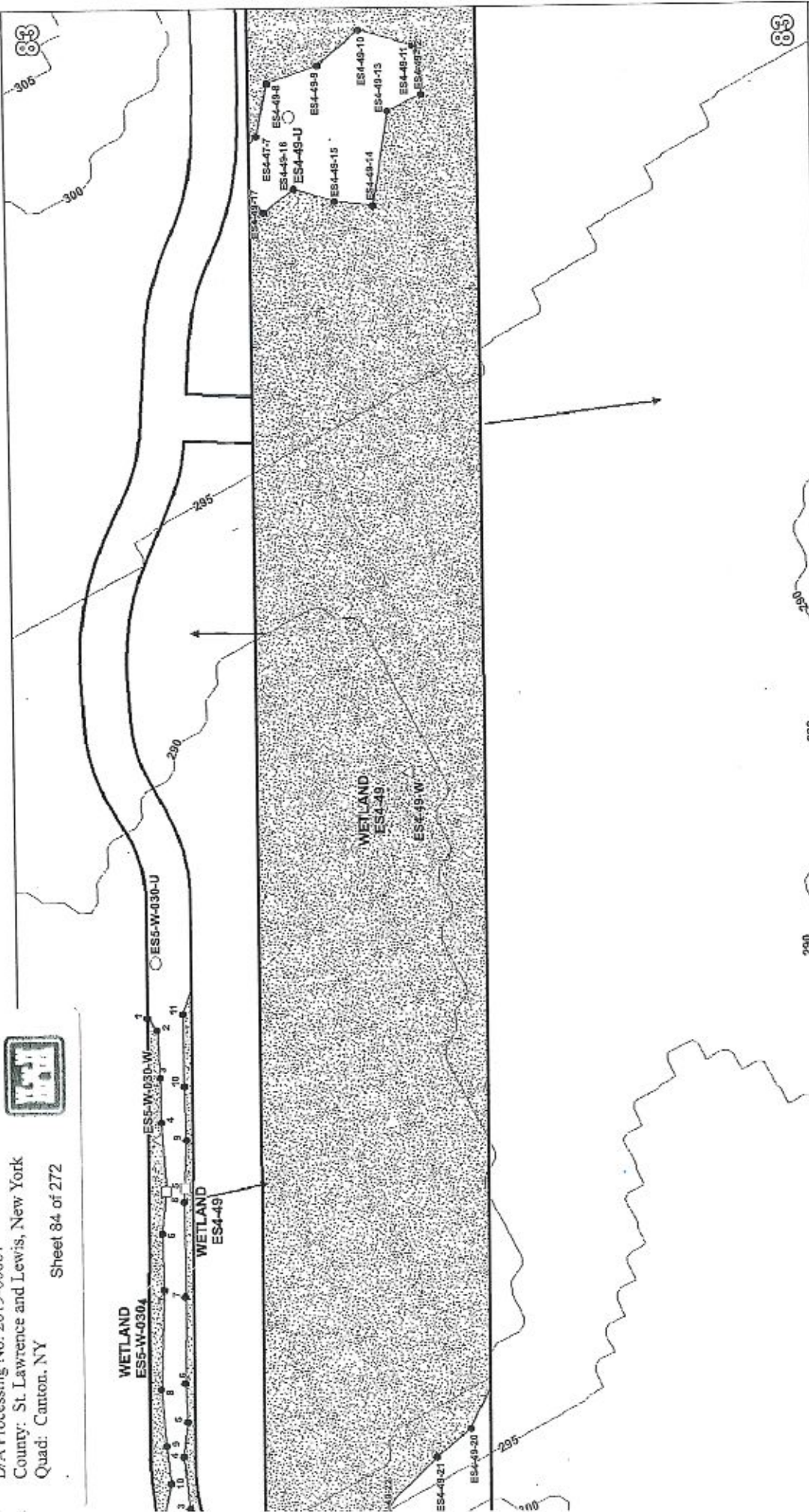
Project Area (PA)

()

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Legend

- Sample Point
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

→ Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 83 of 271

Coordinate System: State Plane New York East
 NAD 83
 Datum: North American 1983
 Units: Feet US

WSP
 WSP
 WSP

Scale: 1" = 200 Feet

PJD

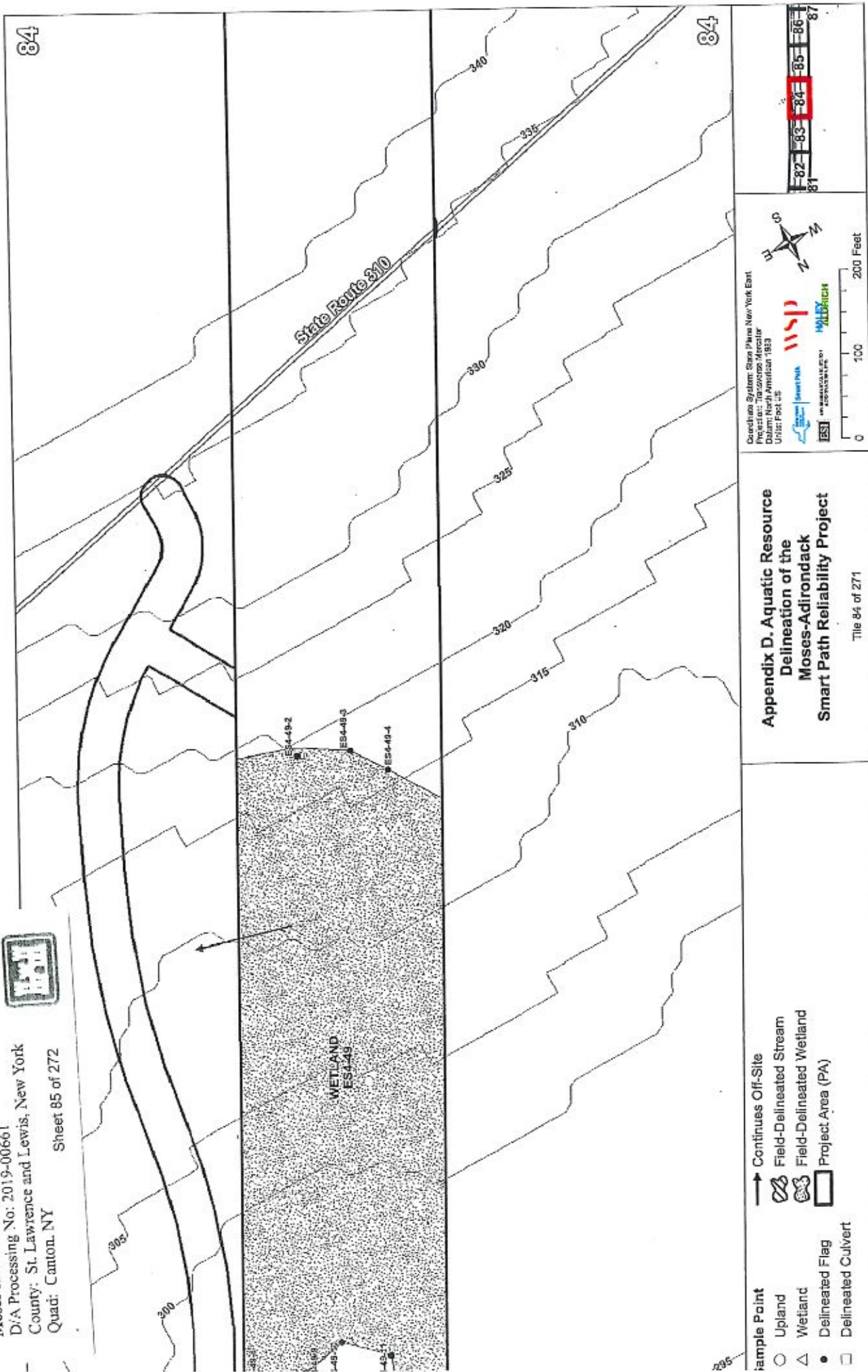
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

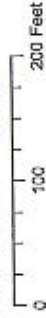
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 84 of 271

Geographic System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
WATERSHED SERVICES
P.A. CONSULTANTS

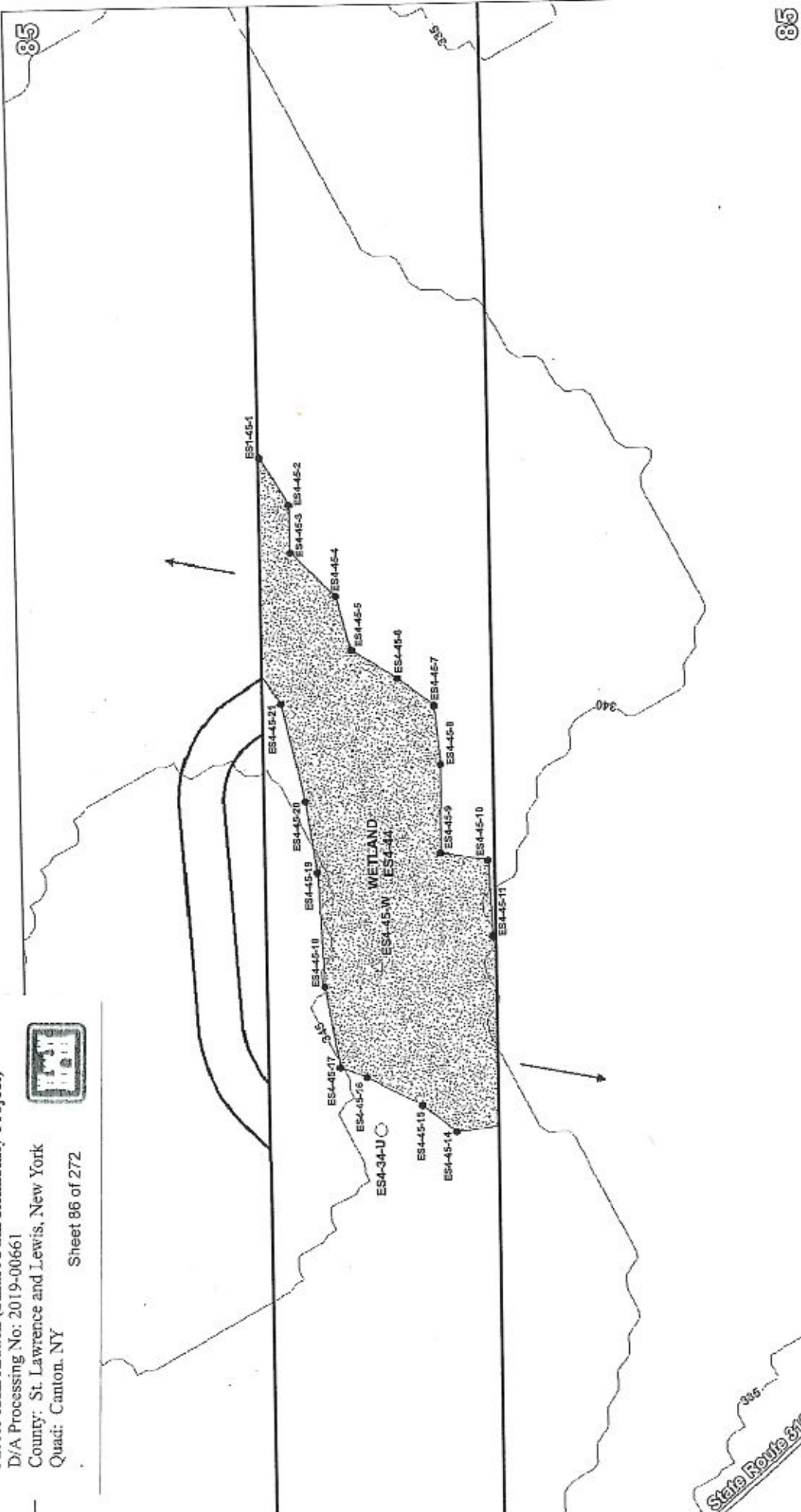
WSP
WATERSHED SERVICES
P.A. CONSULTANTS



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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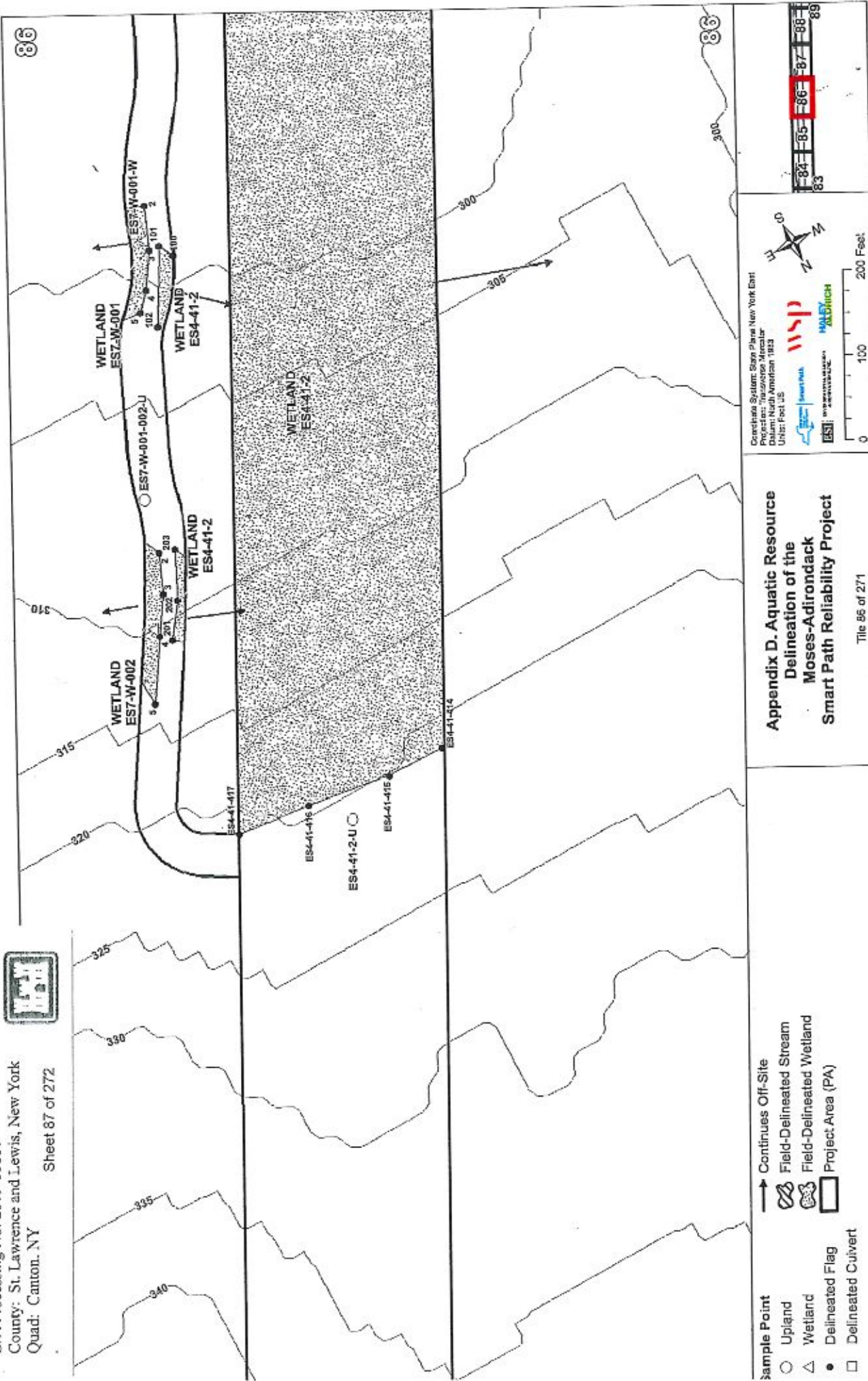
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 85 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US





- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 86 of 271

Conventional System: State Plane New York East
 Project: Hudson River
 Date: 10/1/2019
 Unit: Feet US



PJD

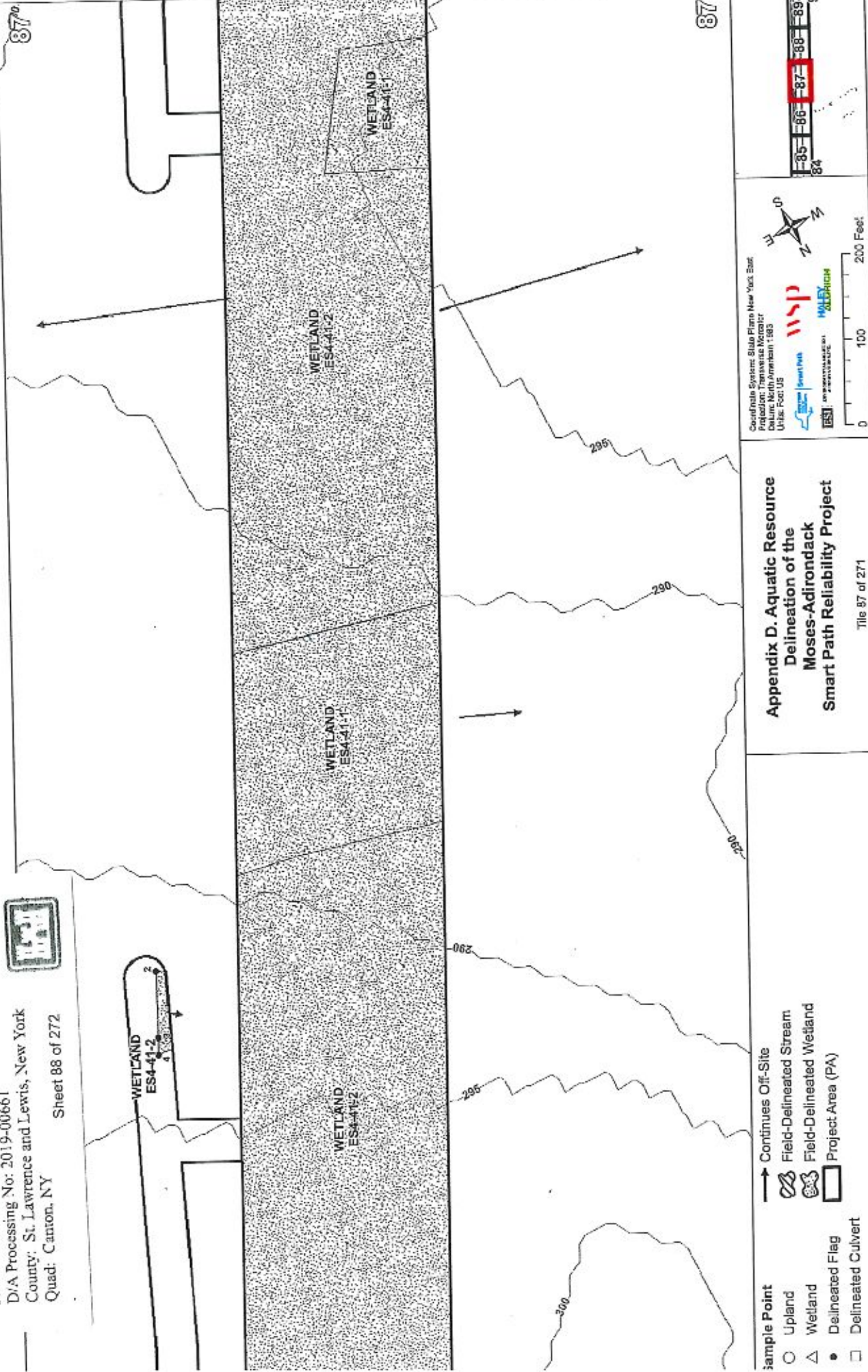
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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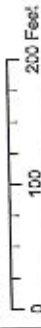


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

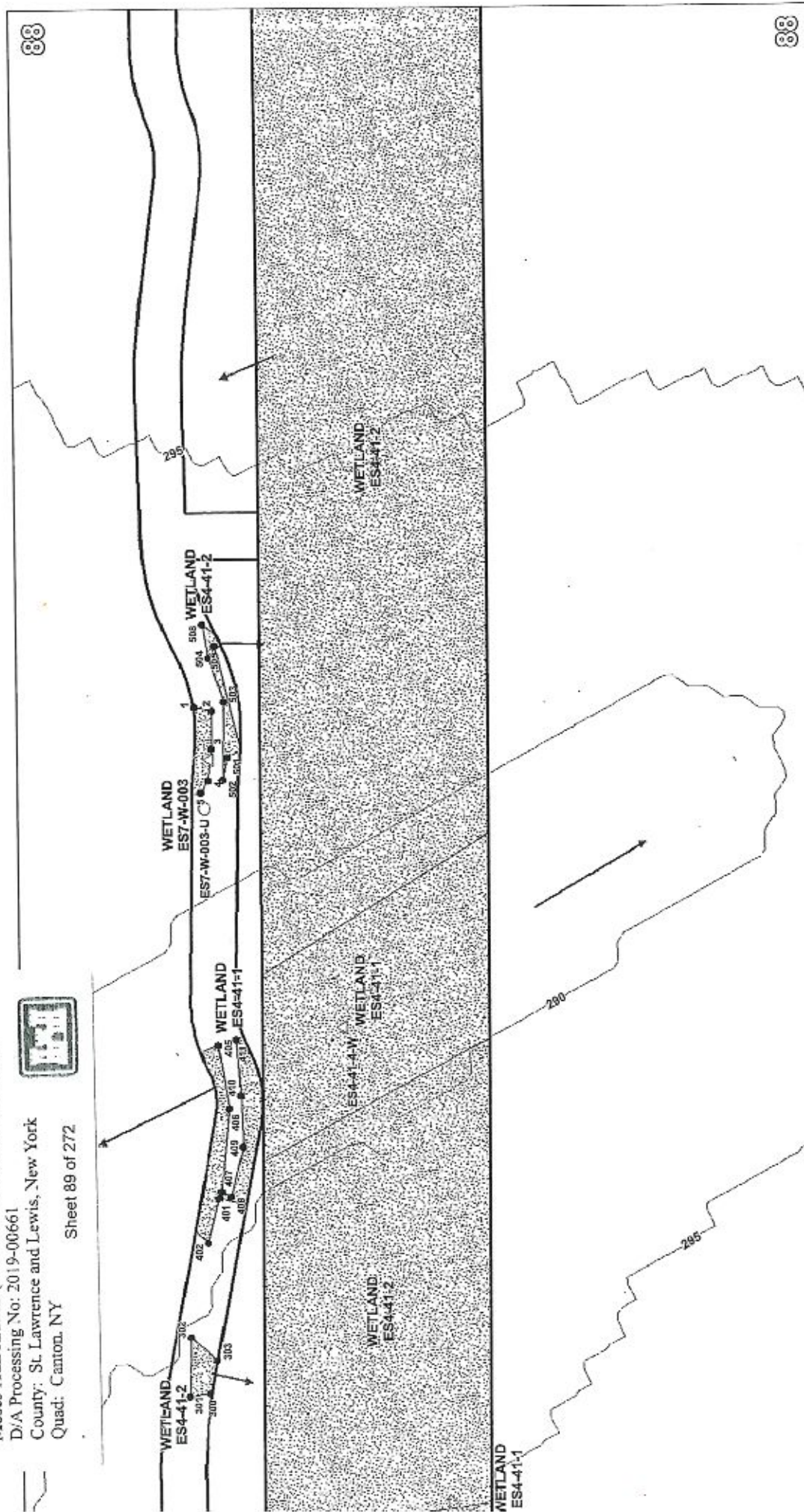
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



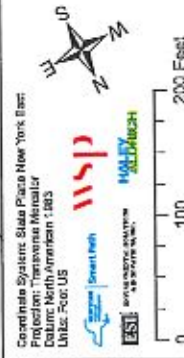
Sheet 89 of 272



Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

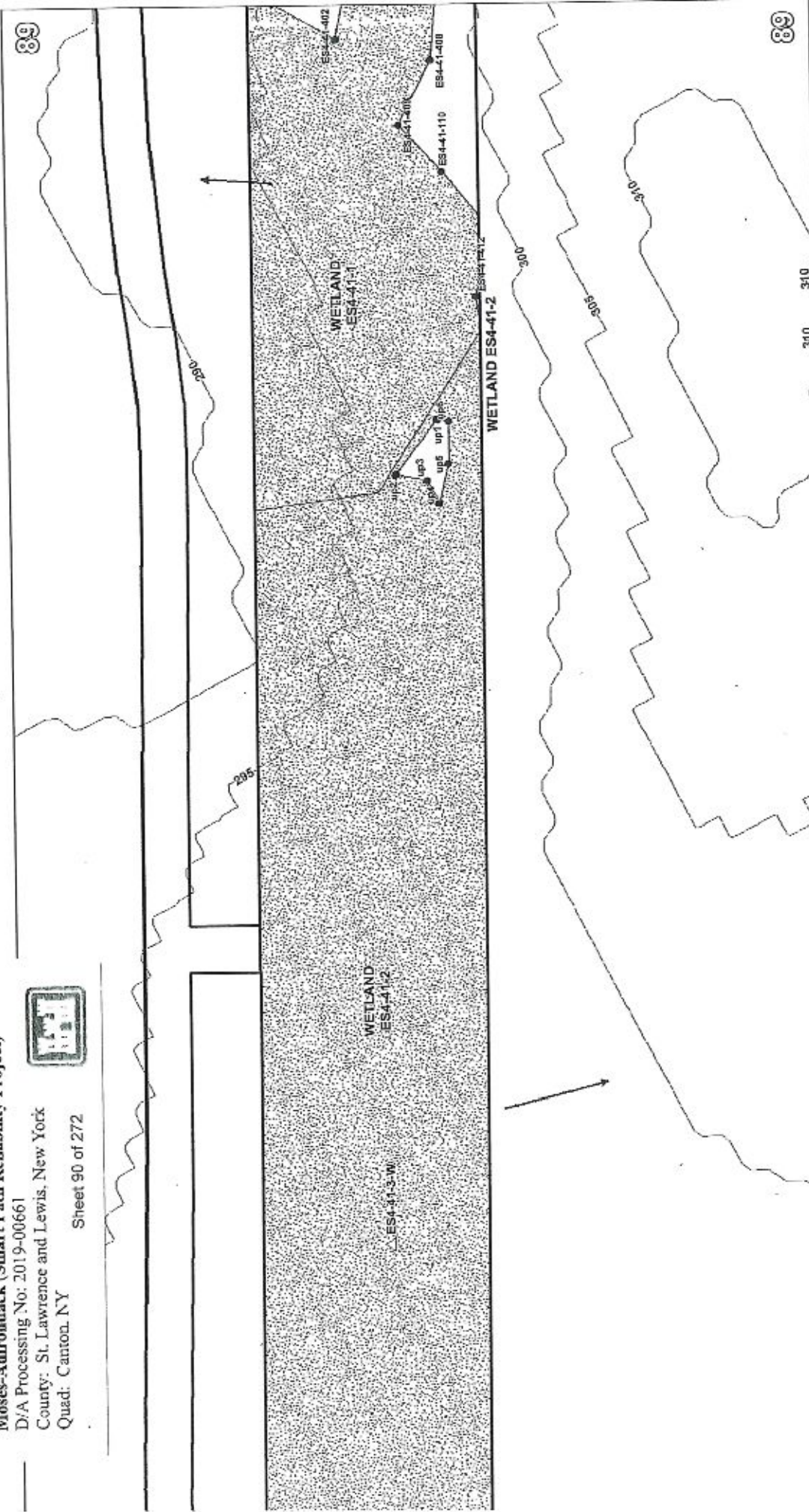
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NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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- sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Coordinate System: State Plane New York East
 Geographic Projection: NAD83
 Data Source: Aerial Photo 1982
 Units: Feet

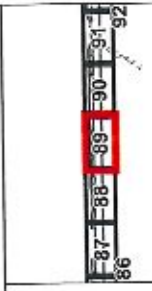
WSP
 WETLAND SURVEY PROJECT

WSP
 WETLAND SURVEY PROJECT

WSP
 WETLAND SURVEY PROJECT



0 100 200 Feet



NYPA

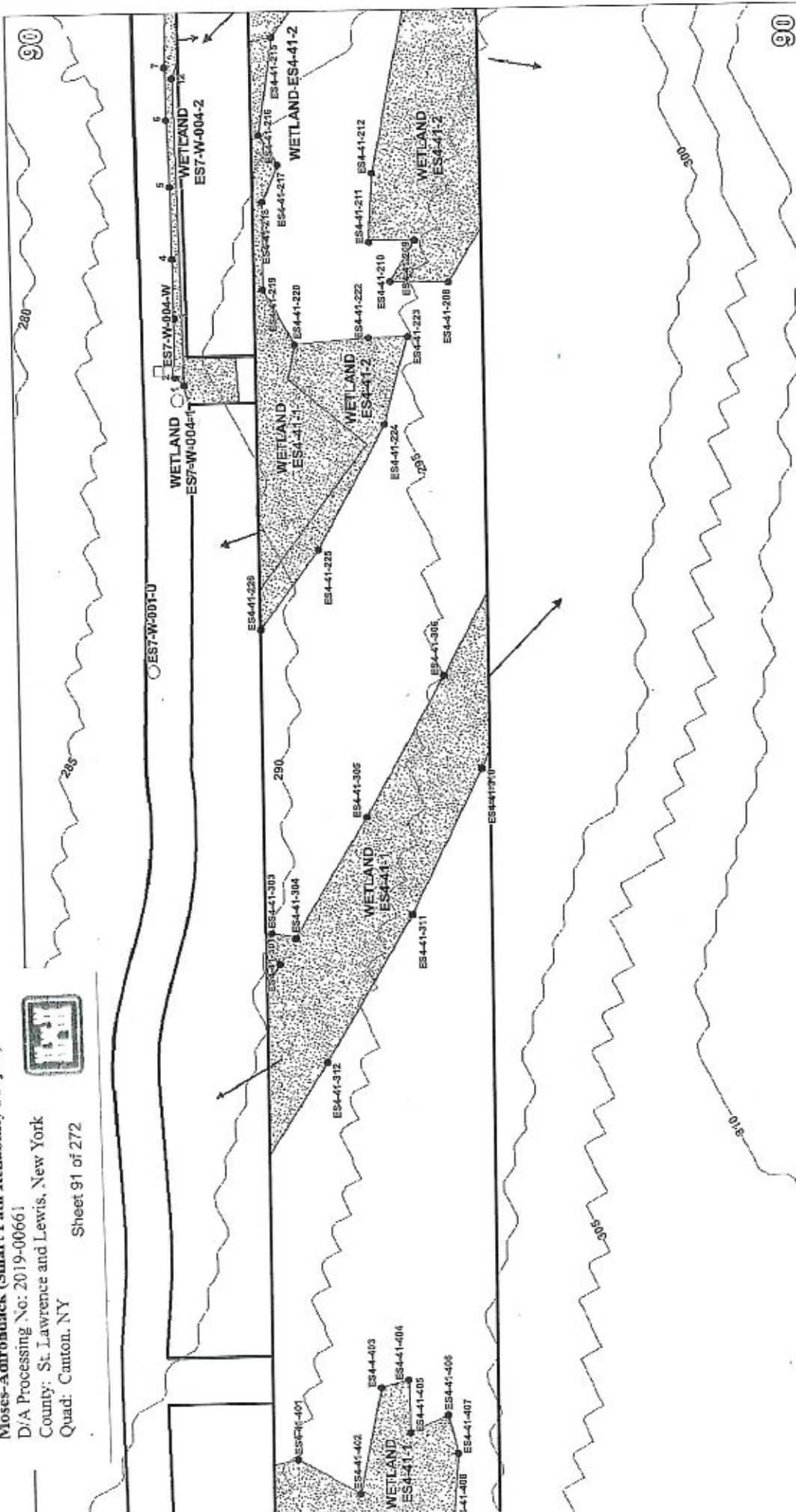
**NYPA
Moses Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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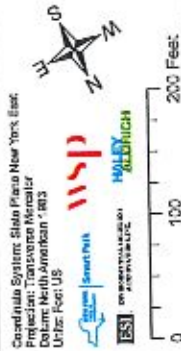


Example Point

- | | | |
|--------------------|--|--------------------------|
| Upland | | Field-Delineated Stream |
| Wetland | | Field-Delineated Wetland |
| Delineated Flag | | Project Area (PA) |
| Delineated Culvert | | |

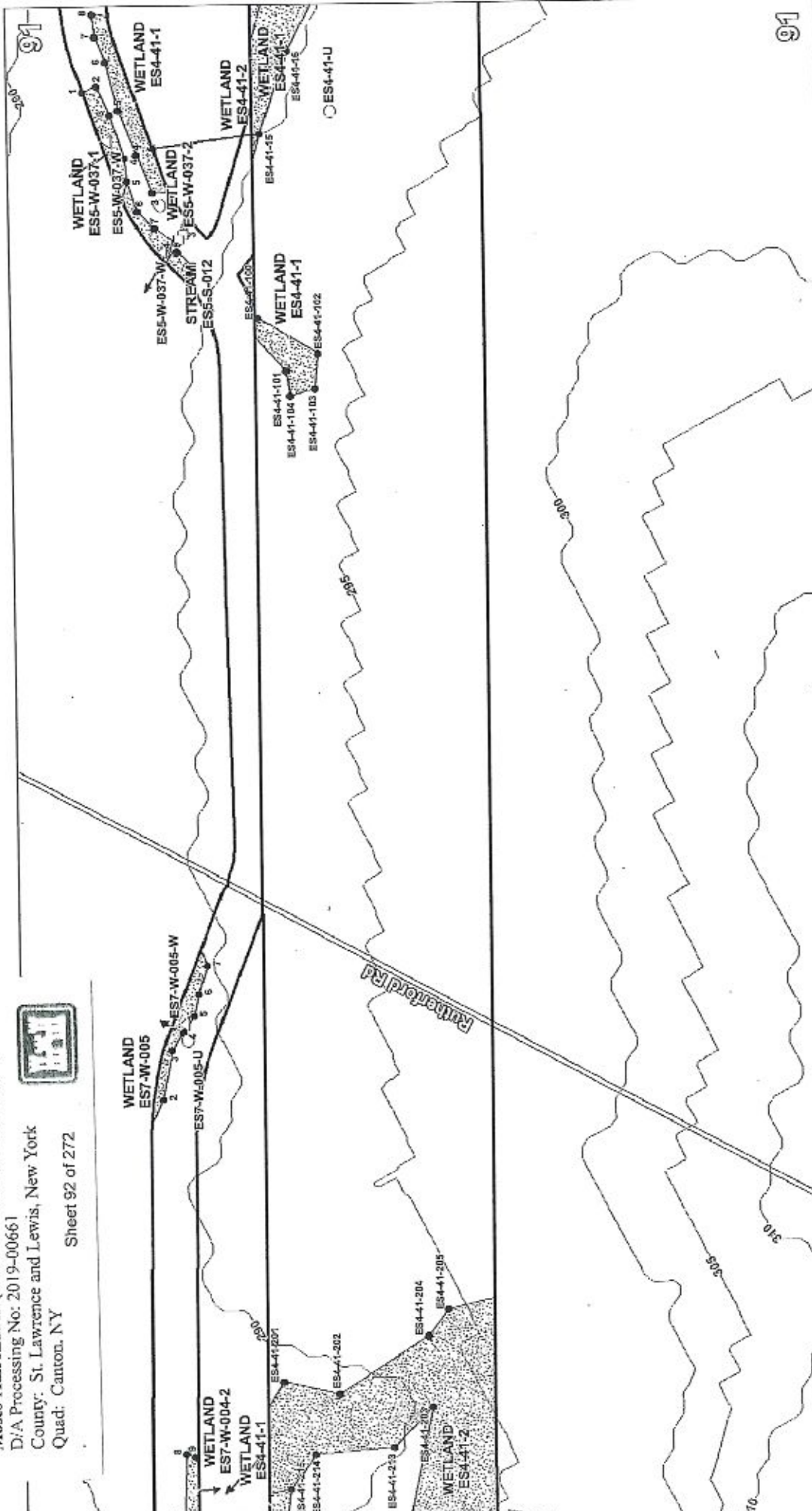
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 91 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

WSP
 WATERSHED SERVICES
 WATERSHED SERVICES

WSP
 WATERSHED SERVICES
 WATERSHED SERVICES

WSP
 WATERSHED SERVICES
 WATERSHED SERVICES

0 100 200 Feet

88 89 90 91 92 93

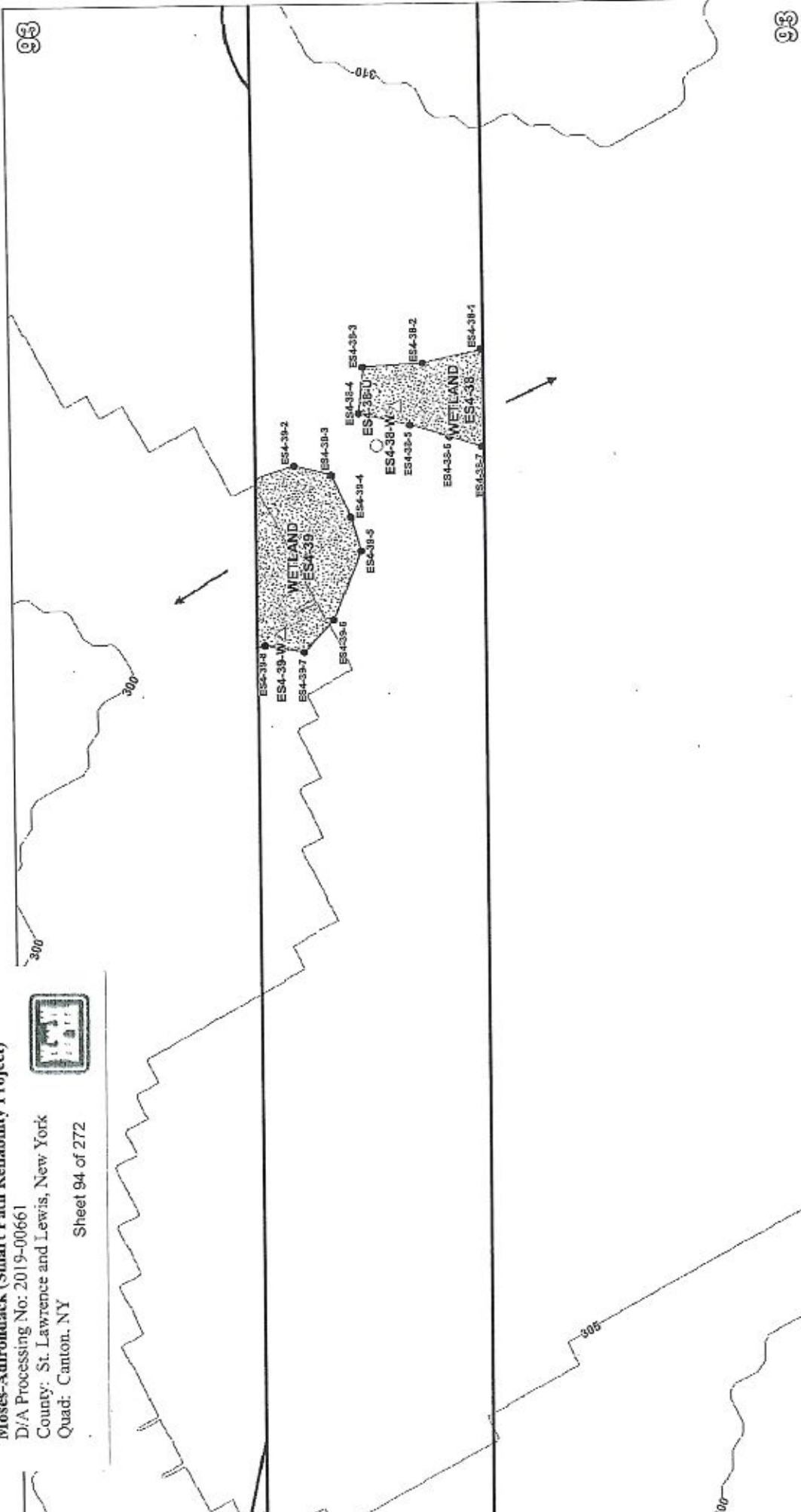
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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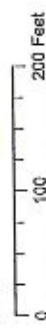


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 93 of 271

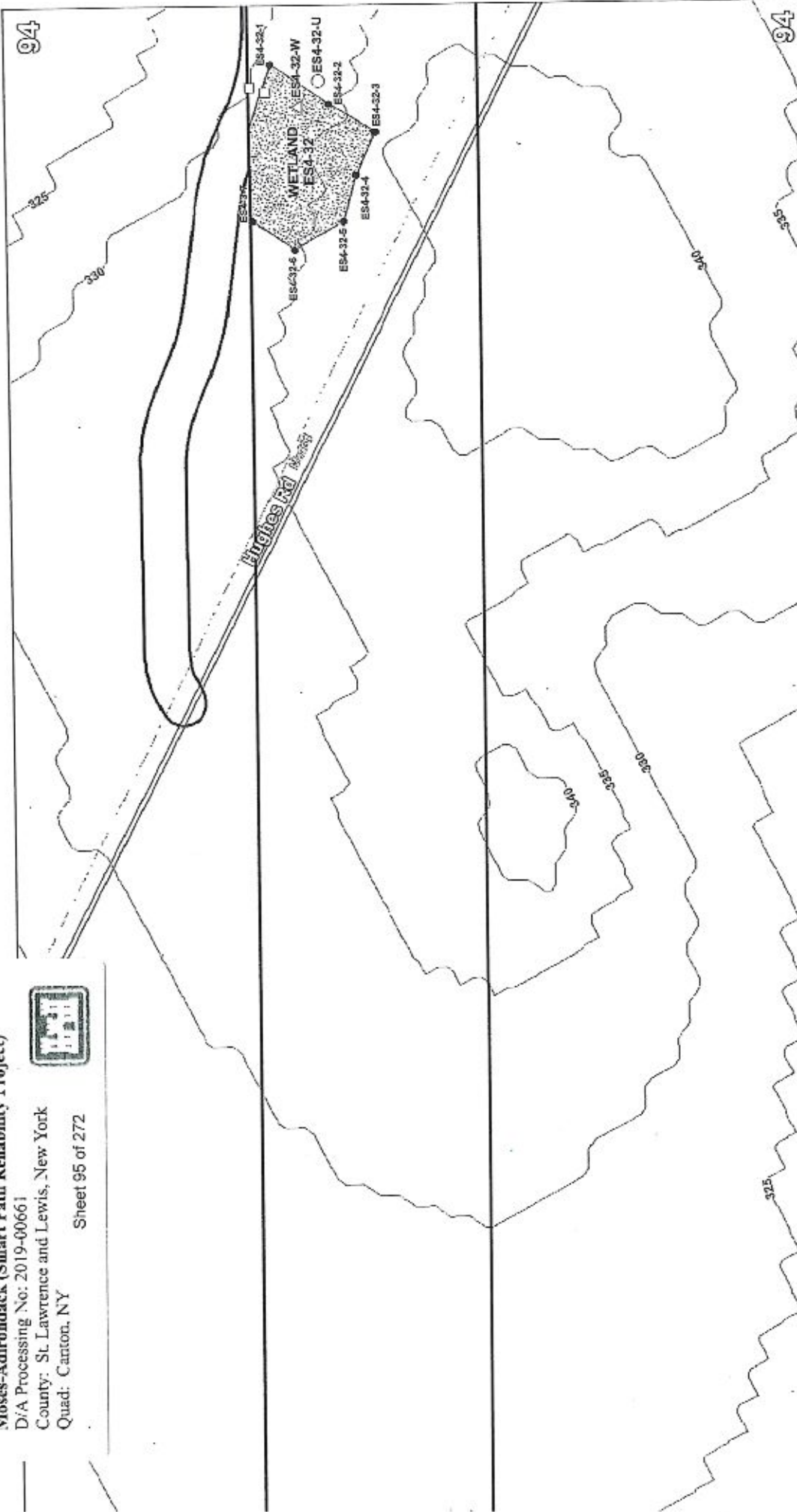
Cartographic Systems, State Plane New York East
Projection: NAD83
Datum: North American 1983
Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Geographic System: State Plane New York East
 Project: Transverse Mercator
 Unit: Feet US
 WSP
 WOLLEY
 WOLLEY



PJD

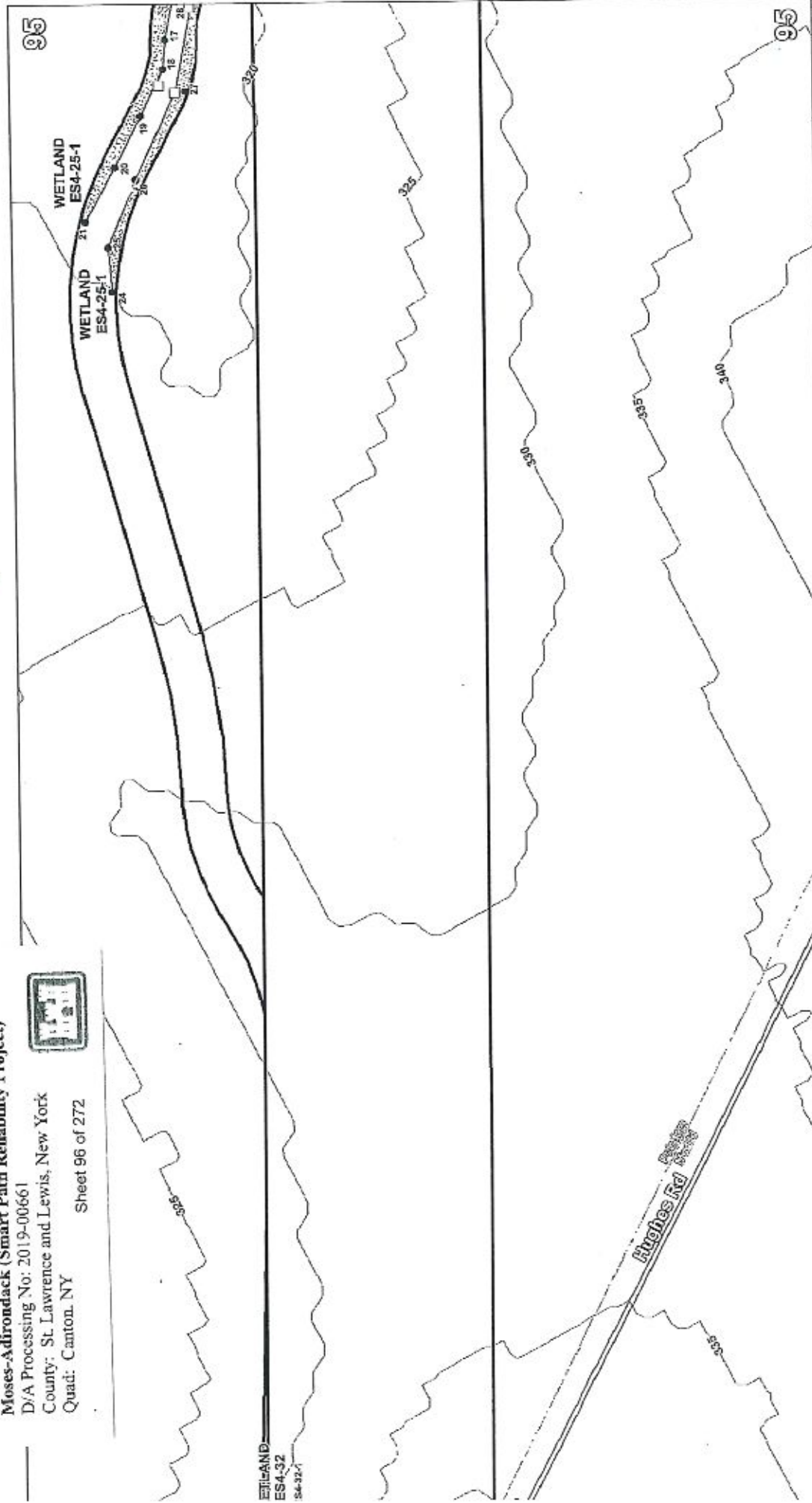
**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quadrant: Canton, NY

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- Legend**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership
www.wetlandscience.org

WSP
Wetland Science Partnership
www.wetlandscience.org

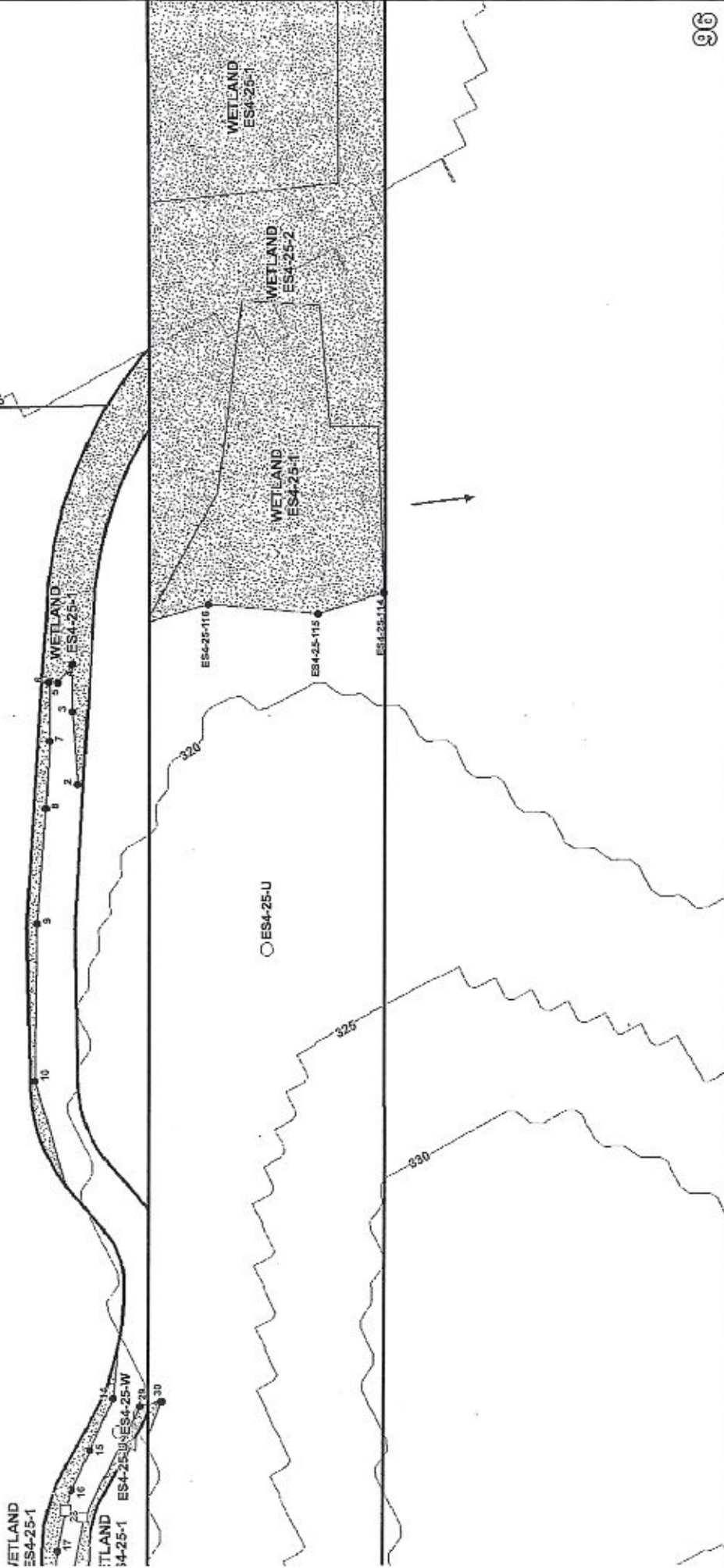


0 100 200 Feet





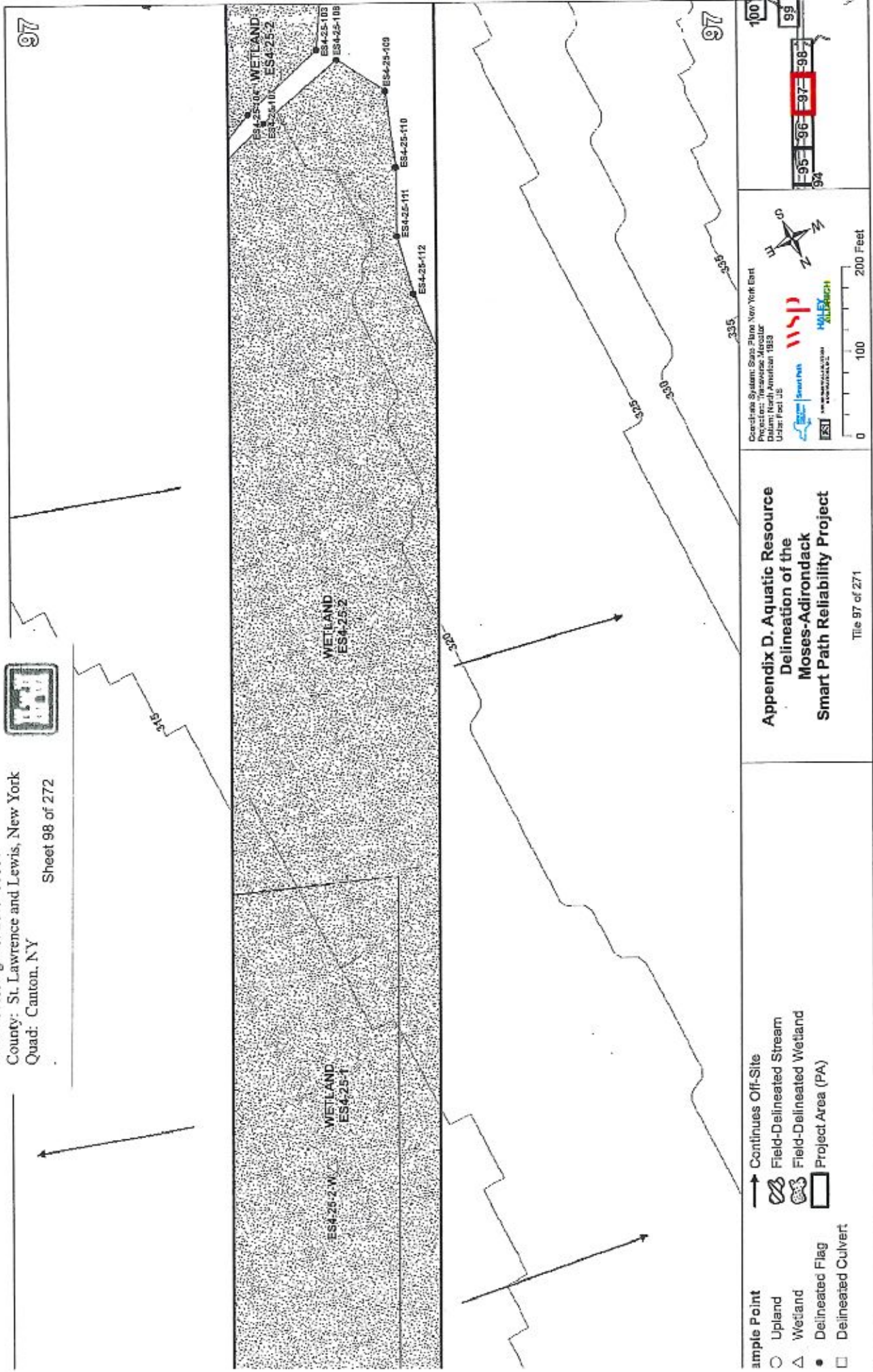
96



96

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Question: System State Phase New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US 0 100 200 Feet 94 95 96 97 98
Title 96 of 271	

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Legend**
- Sample Point
 - Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

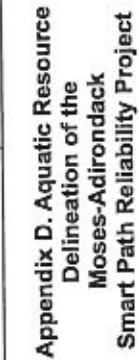
Tile 97 of 271

Coordinate System: State Plane New York East
 NAD 83
 Units: Feet
 Datum: North American 1983
 Under Foot: US

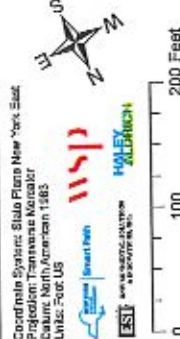
wsp
 HILLEX
 ALLEGRA

0 100 200 Feet

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY



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NYPA
Moses-Adirondack (Smart Path Reliability Project)

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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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STREAM
 ESS-S-031

Elino Rd

310

315

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Off-Site**
- Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

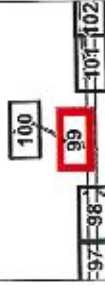
Title 99 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Units: Feet US



ESRI
 ArcGIS
 Desktop
 10.4.1
 Build 10.4.1.1000

0 100 200 Feet



99

99

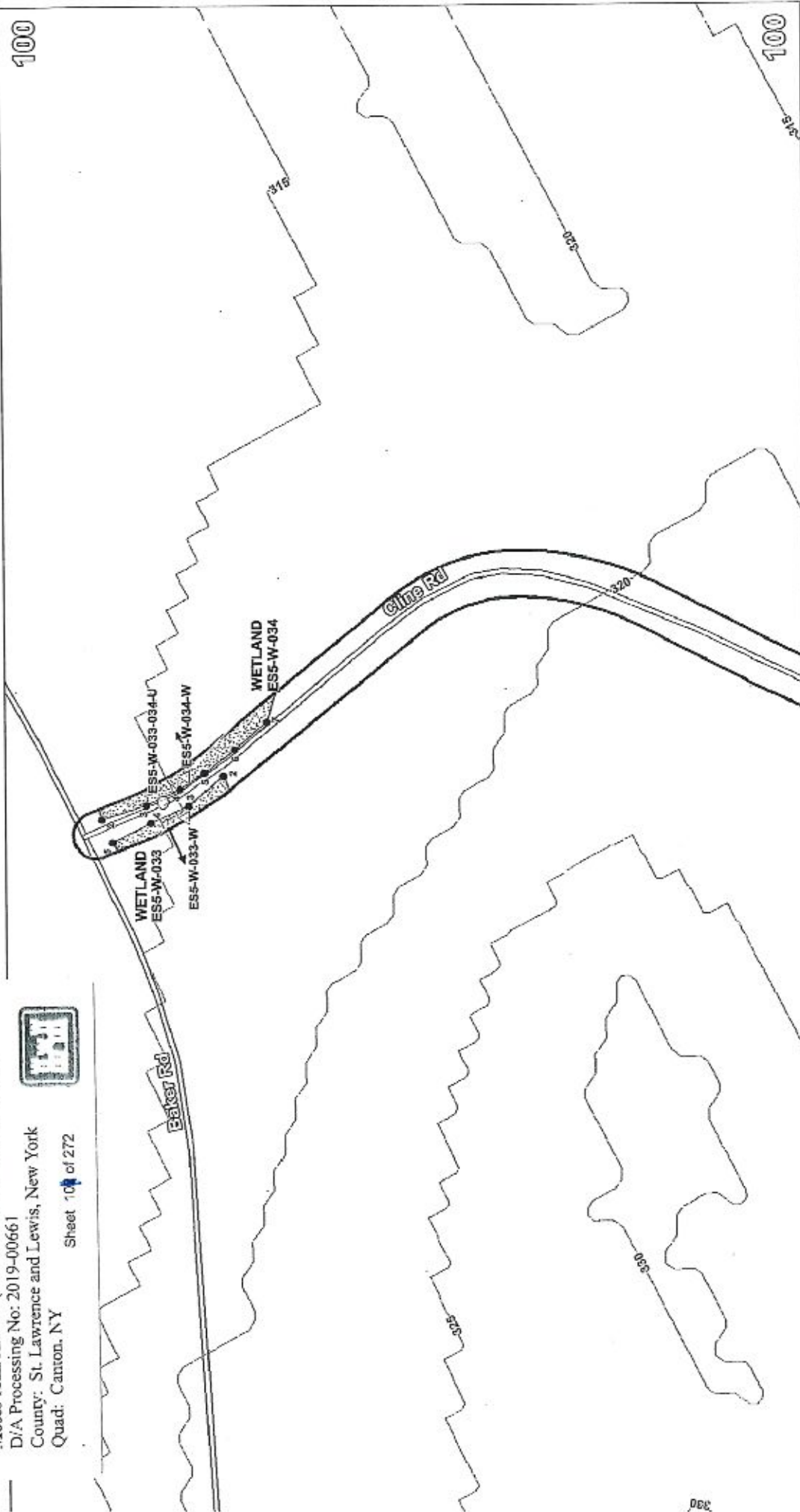
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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100



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

ESRI | ArcGIS Online | ArcGIS Desktop | ArcGIS Server

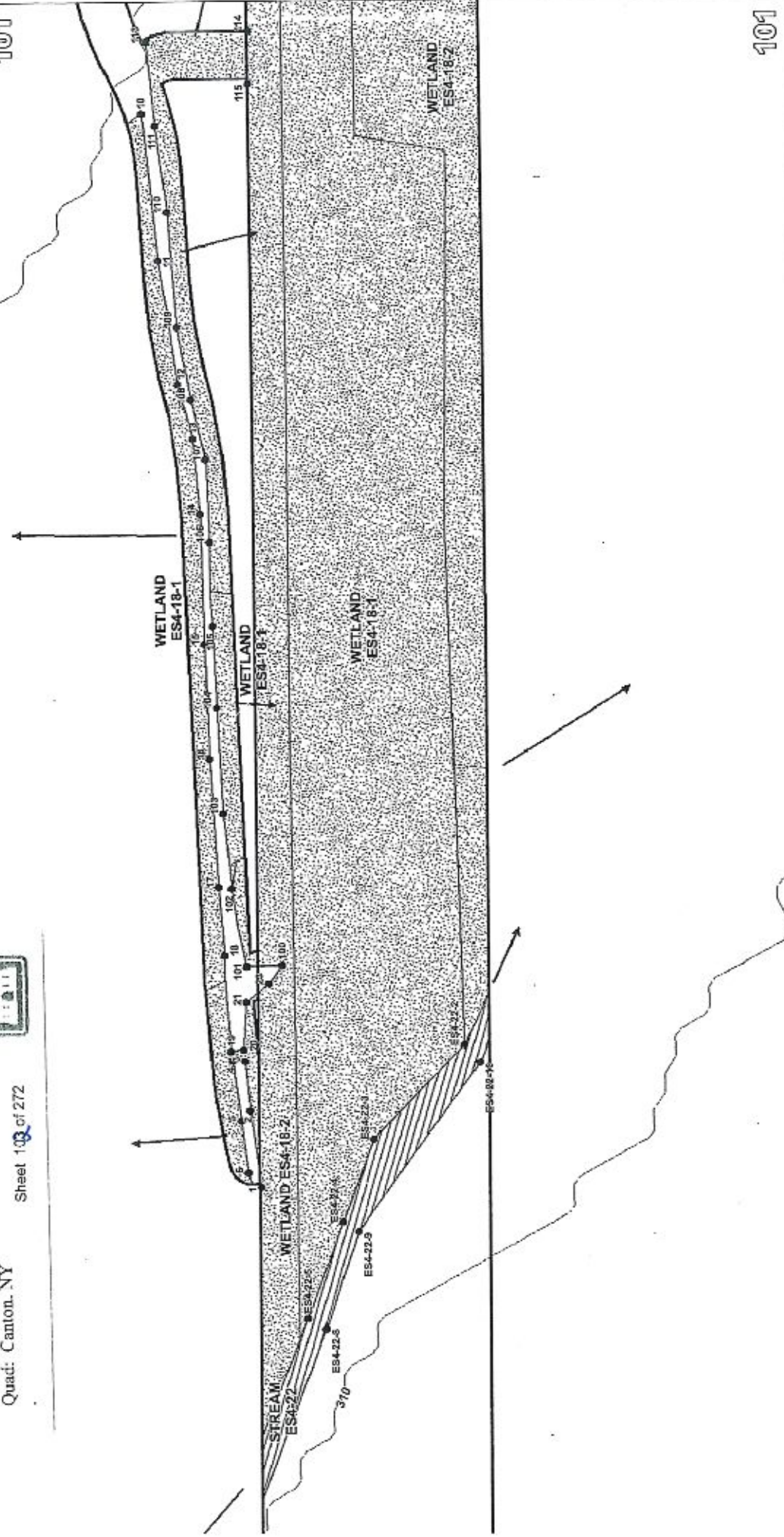
USP | USGS | NYSDEC

0 100 200 Feet

97 98 99 100 101 102



101



101

Legend - Sample Point - Upland - Wetland - Delineated Flag - Delineated Culvert	Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 101 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: NAD 83 Units: Feet US ES&P Smart Path HALLEY ADIRONDACK 0 100 200 Feet 100 99 98 101 102 103 104
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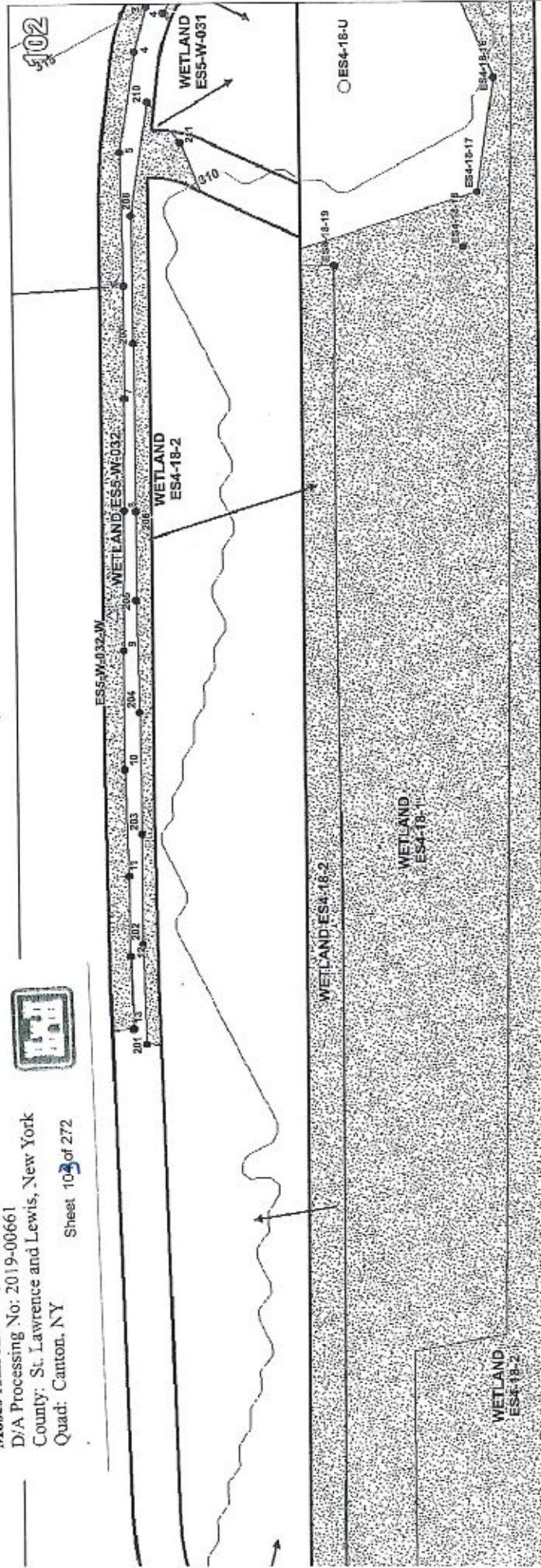
PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY



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Sample Point ○ Upland △ Wetland • Delineated Flag □ Delineated Culvert	Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 102 of 271
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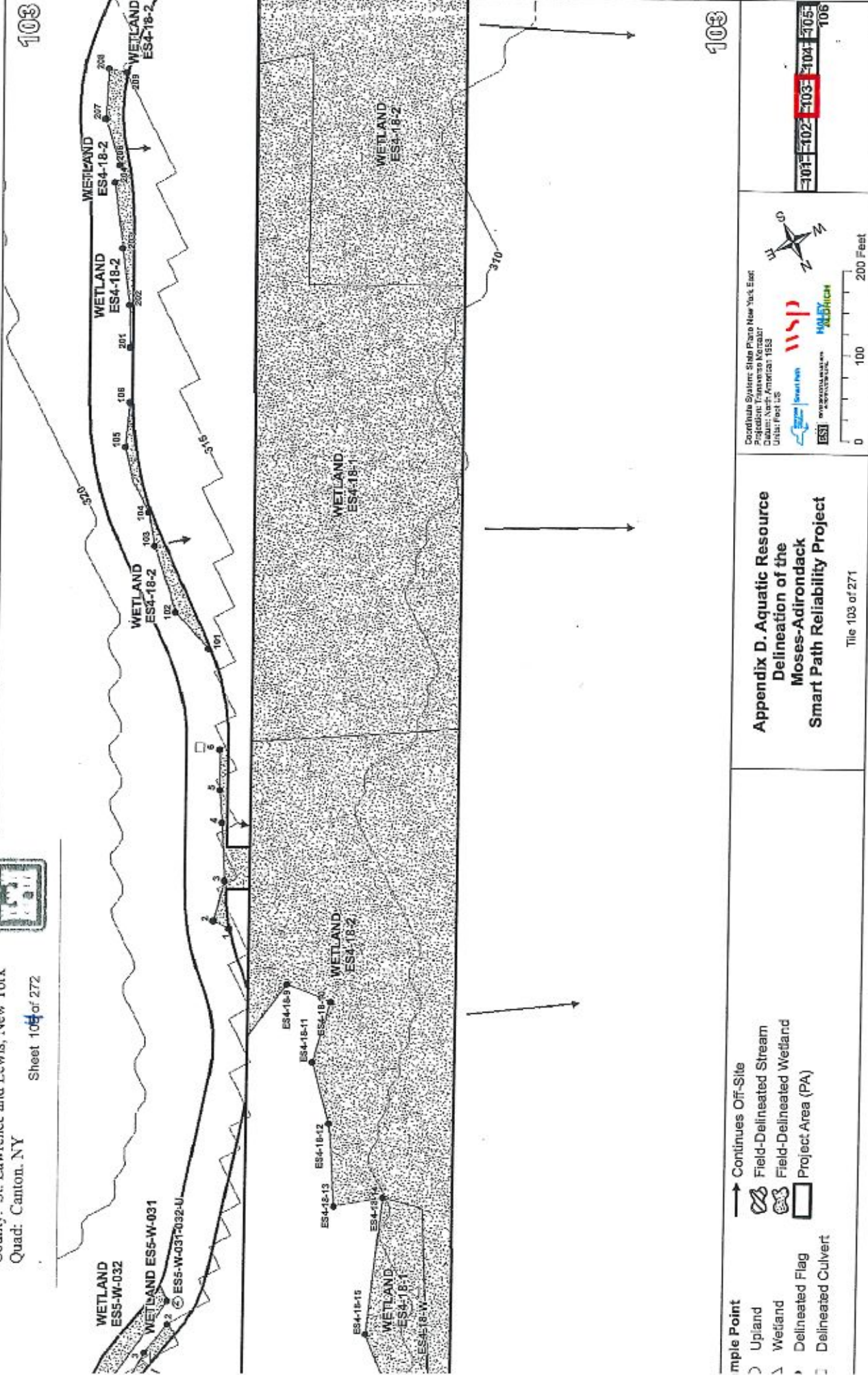
Coordinate System: State Plane New York East
Datum: North American 1983
Units: Feet US

ES4-18-2 ES4-18-1 ES4-18-15 ES4-18-17 ES4-18-16 ES4-18-U ES5-W-032

0 100 200 Feet

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Legend**
- Upland
 - Wetland
 - Delineated Flag
 - Delineated Culvert
 - Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Tile 103 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ESI Environmental Science Inc.
 ESI Environmental Science Inc.
 ESI Environmental Science Inc.

0 100 200 Feet

101 102 103 104 105 106



PJD

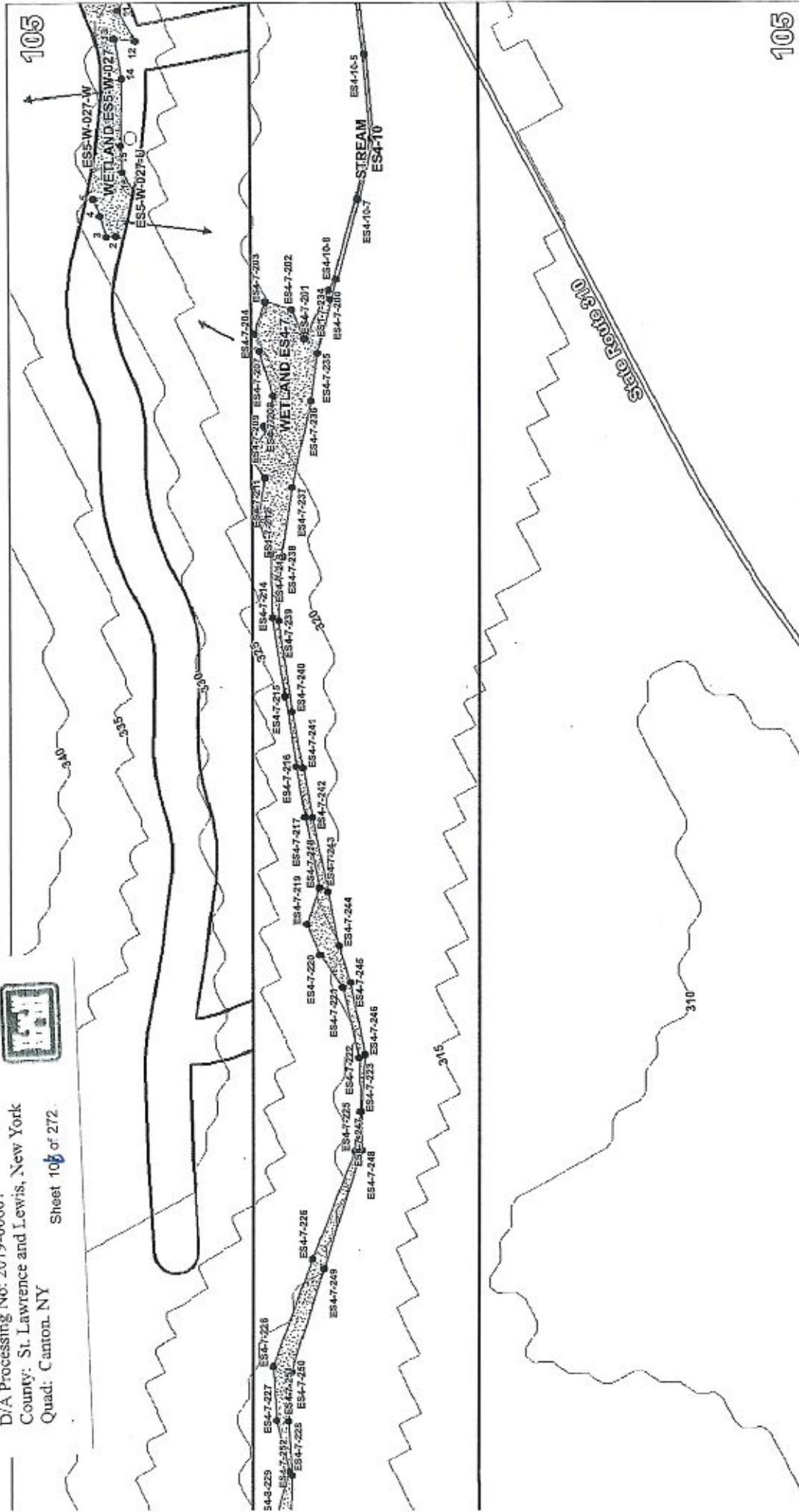
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Legend

- Sample Point
 - Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

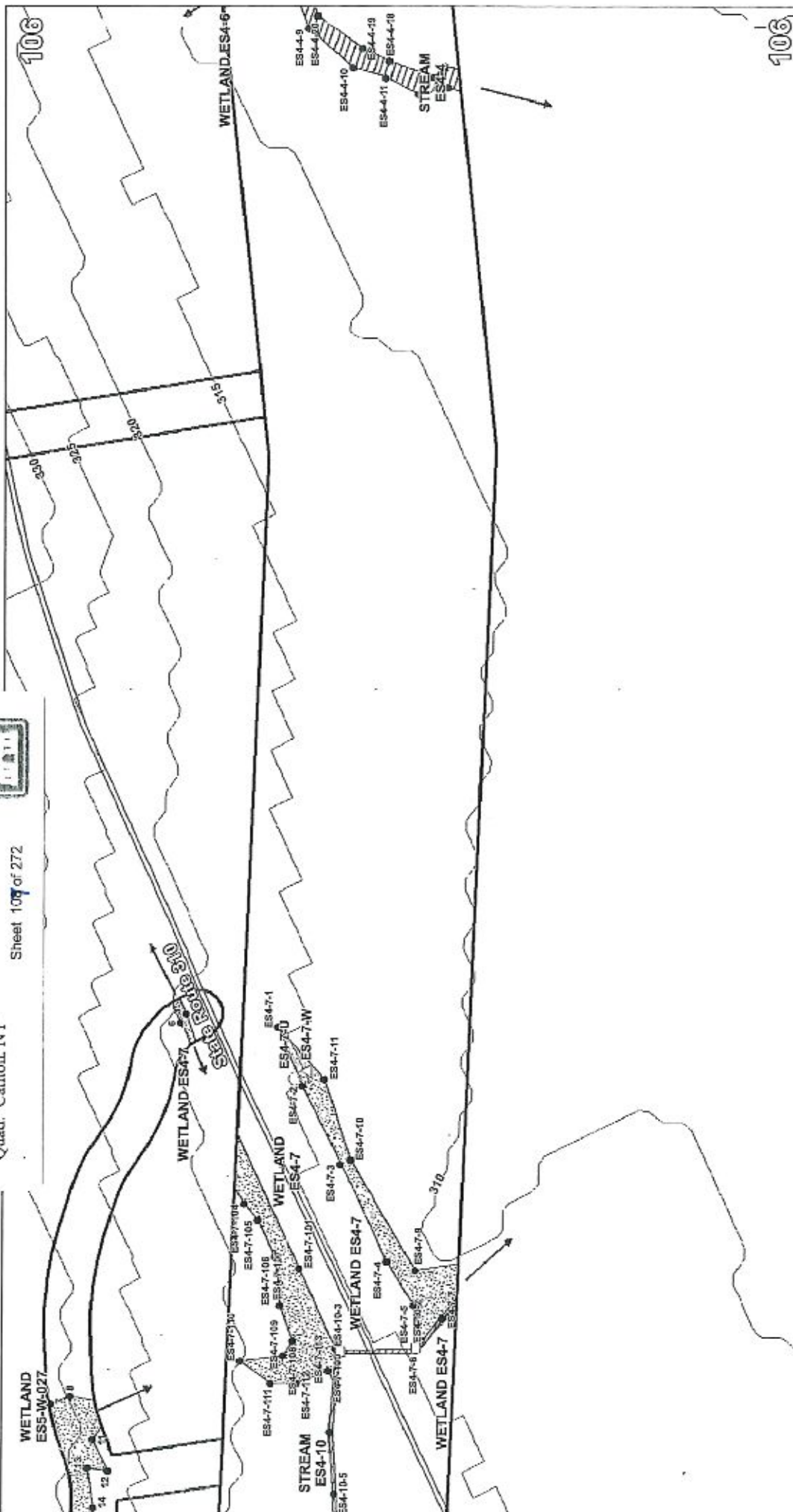
Tile 105 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

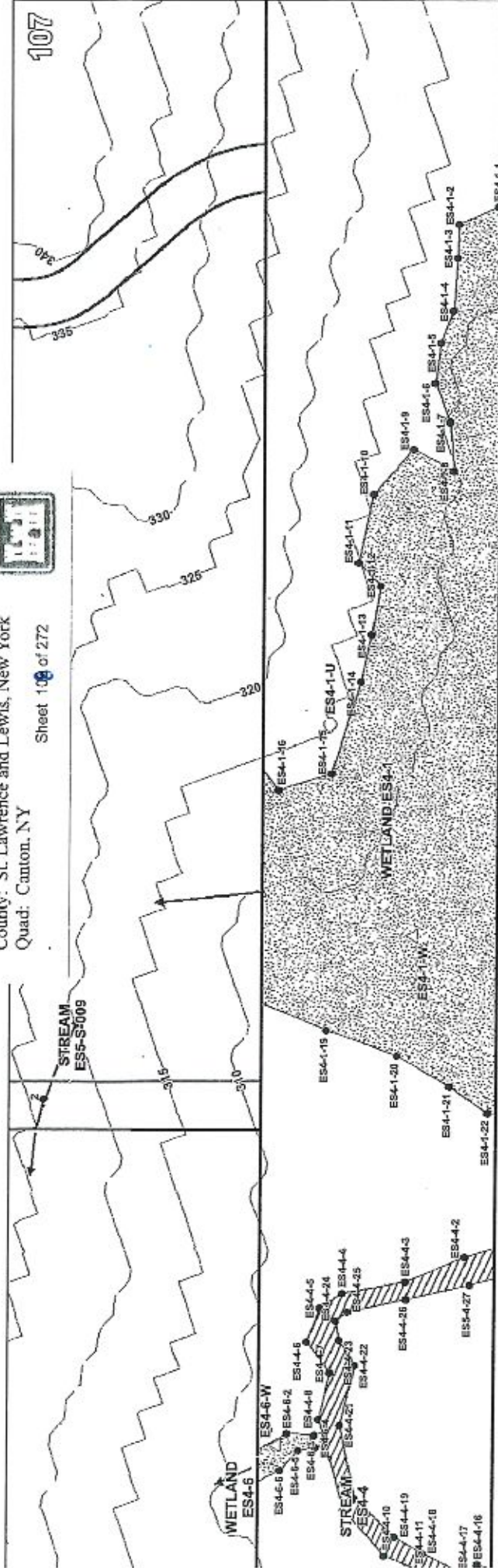
ESRI | ArcMap | 10.5.1
 ESRI | ArcMap | 10.5.1

0 100 200 Feet

102 103 104 105 106 107 108



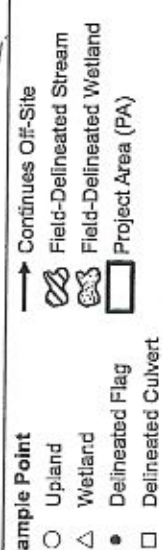
Sample Point ○ Upland △ Wetland • Delineated Flag □ Delineated Culvert ↑ Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 105 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US 0 100 200 Feet	103 104 105 106 107 108 109
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107

Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert → Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 107 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1853 Unit: Feet US 0 100 200 Feet North Arrow Scale Bar 104 105 106 107 108 109 110
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1199p



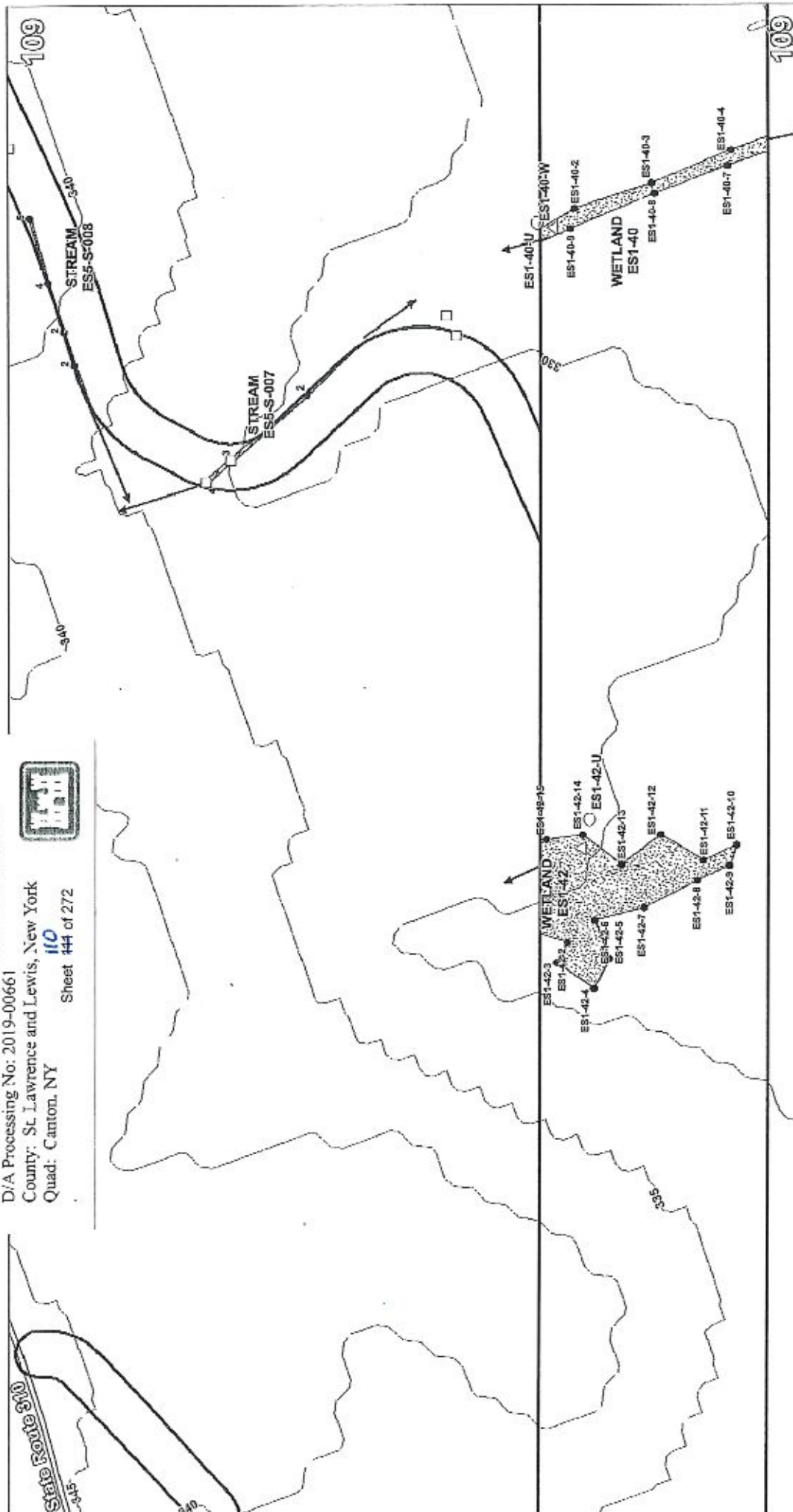
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 109 of 271

Condonate Systems State Plaza New York East
 Projection: Transverse Mercator
 Contour North American 1983



200 Feet



Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 106 of 271	Coordinates System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ES1 WSP HAUER ADIRONDACK 0 100 200 Feet 106 107 108 109 110 111 112
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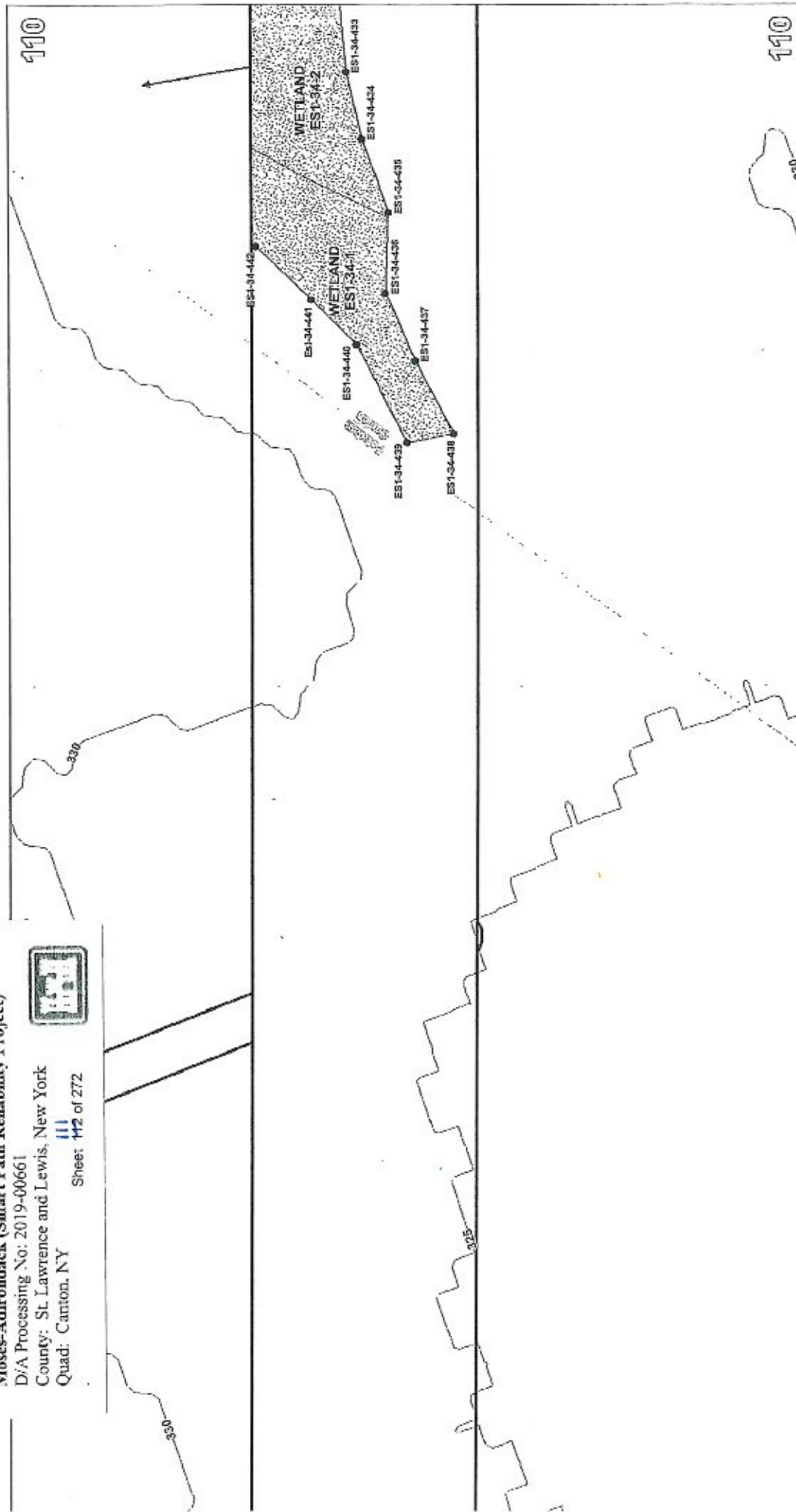
NYPA **PJD**
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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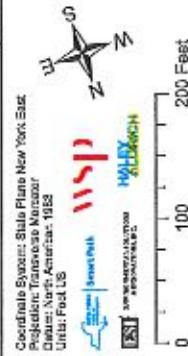


Sample Point

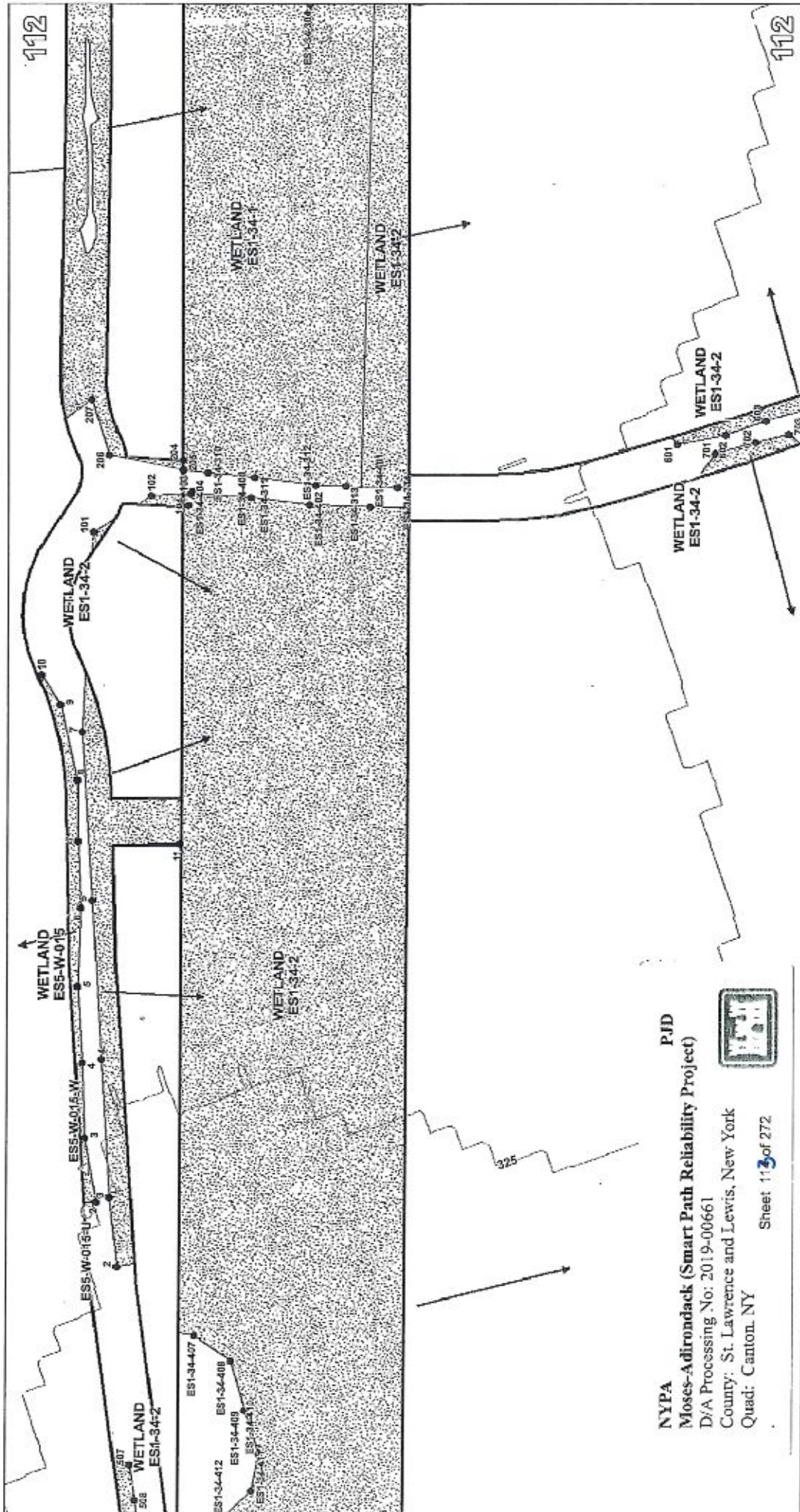
- Upland
 △ Wetland
 ● Delinicated Flag
 □ Delinicated Culvert
-  Field-Delinicated Stream
 Field-Delinicated Wetland
 Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

PJD

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Sample Point ○ Upland △ Wetland • Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 112 of 271
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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

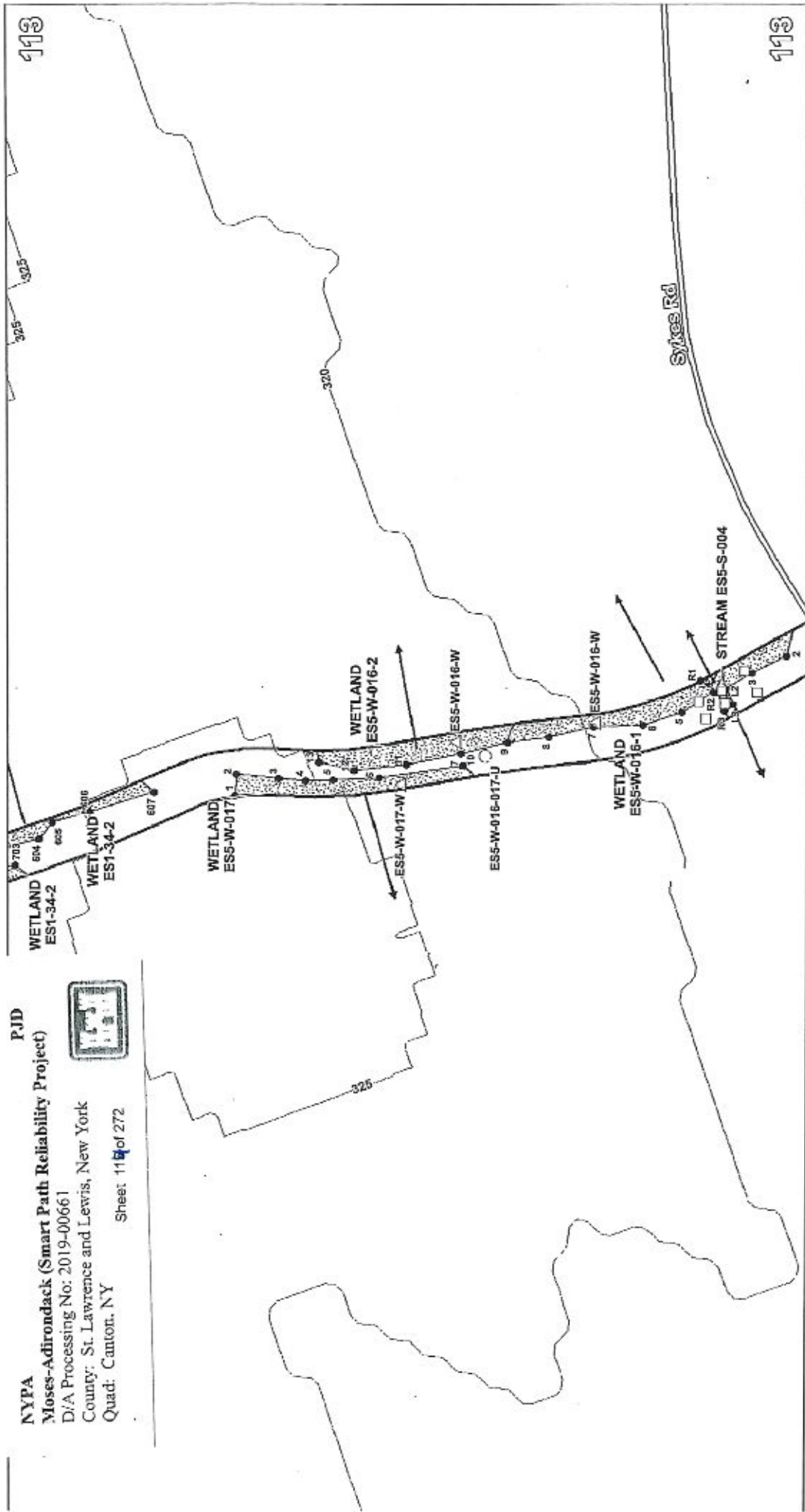
WSP
MALEY
ALLIANCE

0 100 200 Feet

110 111 112 113 114 115 116

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY

Sheet 11 of 272



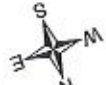
Sample Point

- | | | | |
|----------------------------------|--------------------|---|--------------------------|
| ☐ | Upland |  | Field-Delineated Stream |
| ☐ | Wetland |  | Field-Delineated Wetland |
| ☒ | Delineated Flag |  | Project Area (PA) |
| ☐ | Delineated Culvert | | |

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 113 of 271

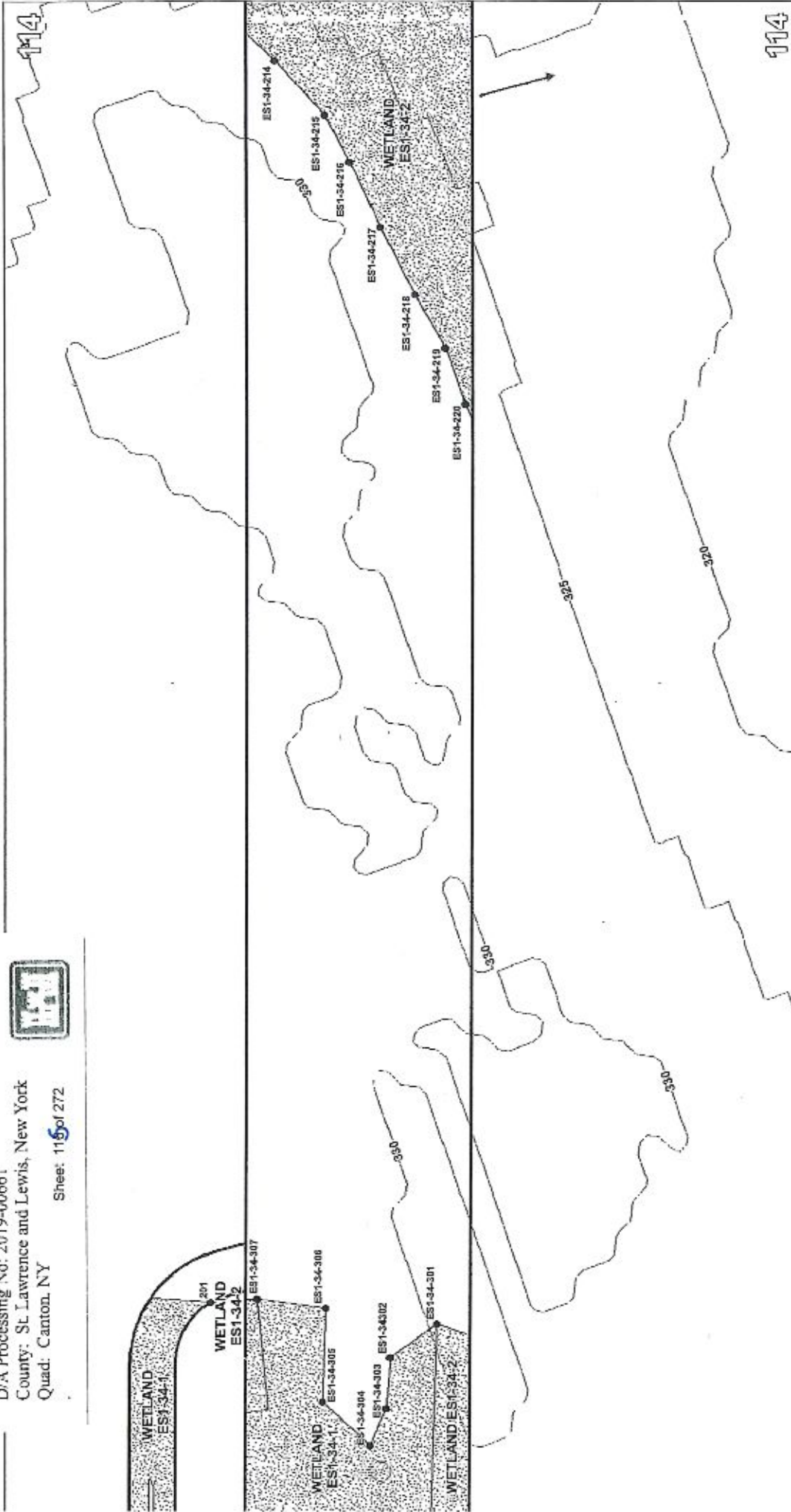
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1813
Units: Foot US



HALEY
CLSA

EST! ESTABLISHED 1961

0 100 200 Feet

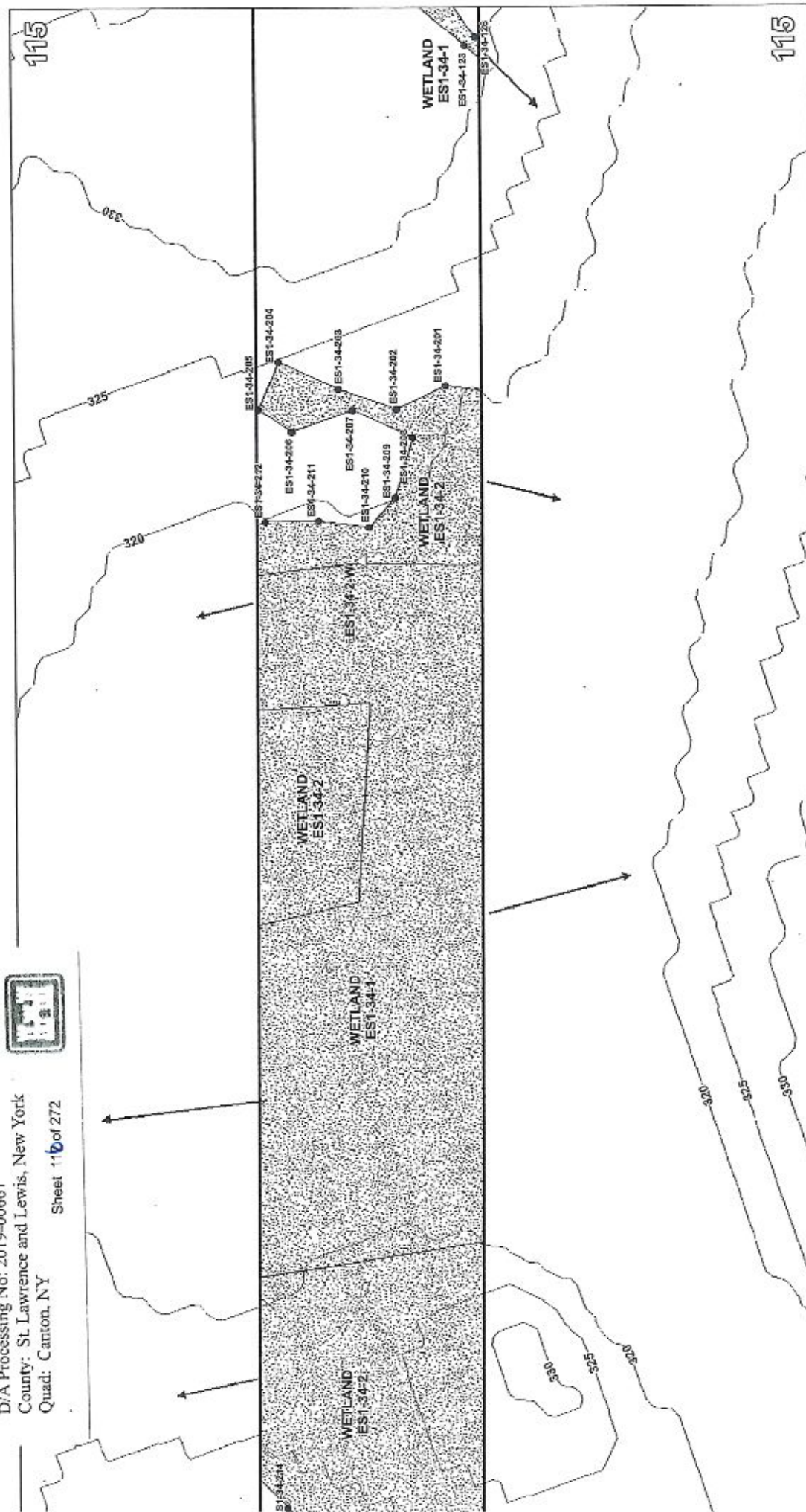


Sample Point - Upland - Wetland - Delineated Flag - Delineated Culvert	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 114 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ES1-34-214 ES1-34-215 ES1-34-216 ES1-34-217 ES1-34-218 ES1-34-219 ES1-34-220 0 100 200 Feet ES1-34-214 ES1-34-215 ES1-34-216 ES1-34-217 ES1-34-218 ES1-34-219 ES1-34-220
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Moses-Adirondack (Smart Path Reliability Project)

County: St. Lawrence and Lewis, New York

Sheet 116 of 272



Upland

A - Wetland

[illegible]

- **Definieren**
- **Designen**

L. Velheate

 Field-Delineated Stream

Field-Delineated Wetland

Field-Delimited Fields
Project Area (PA)

Project Area (PA)

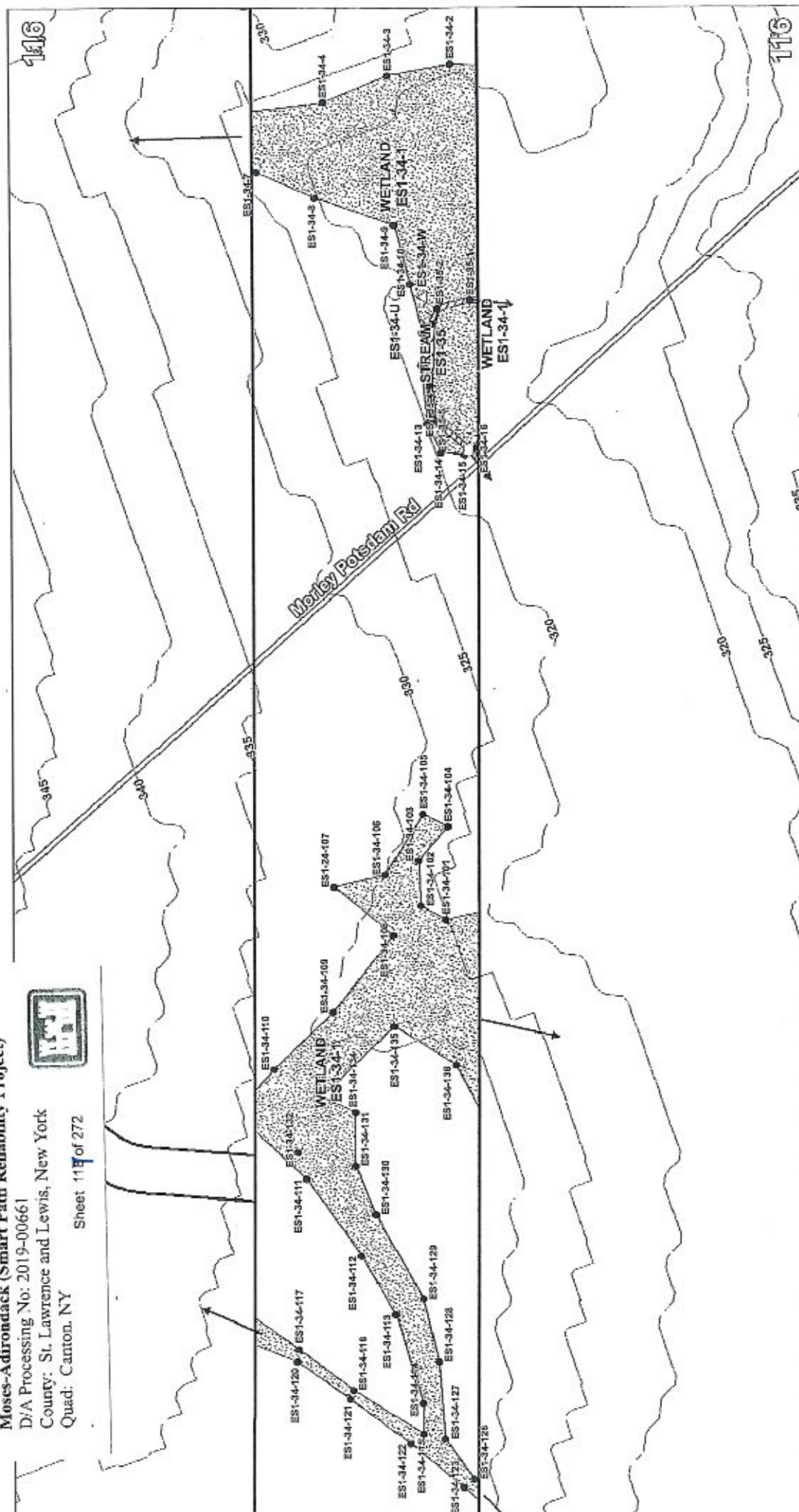
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

The 115 of 271

Coordinate Systems State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983



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○ Upland
△ Wetland
● Delineated Flag
□ Delineated Culvert

Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

The 115 of 271



PJD

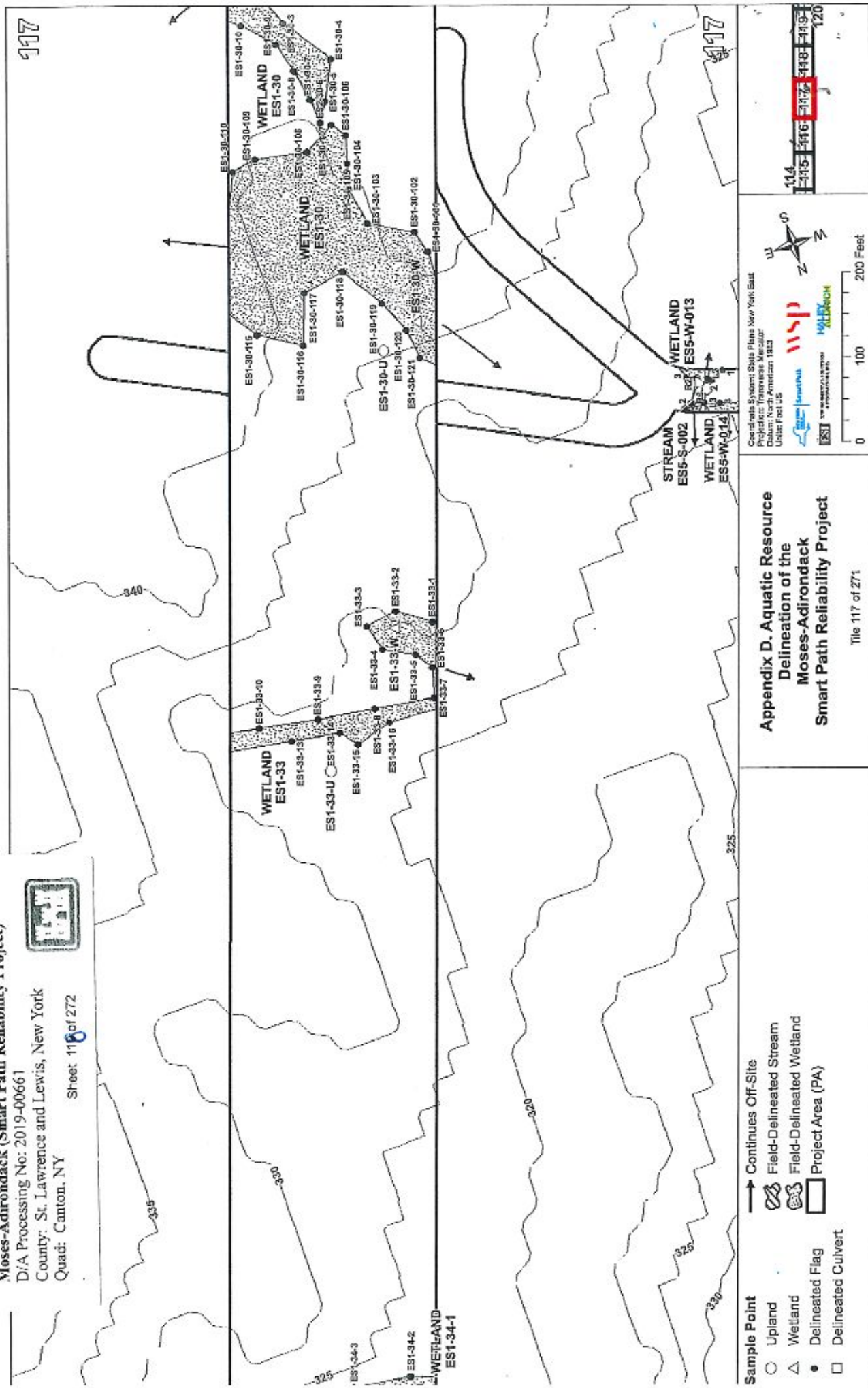
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

County: Canton, NY
Quad: Canton, NY

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Sample Point

- ☐ Upland
- ☐ Wetland
- ☒ Delineated Flag
- ☐ Delineated Culvert

- ↑ Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: Sola Plane New York East
Projection: Transverse Mercator
Datum: North American 1823
Units: Foot US



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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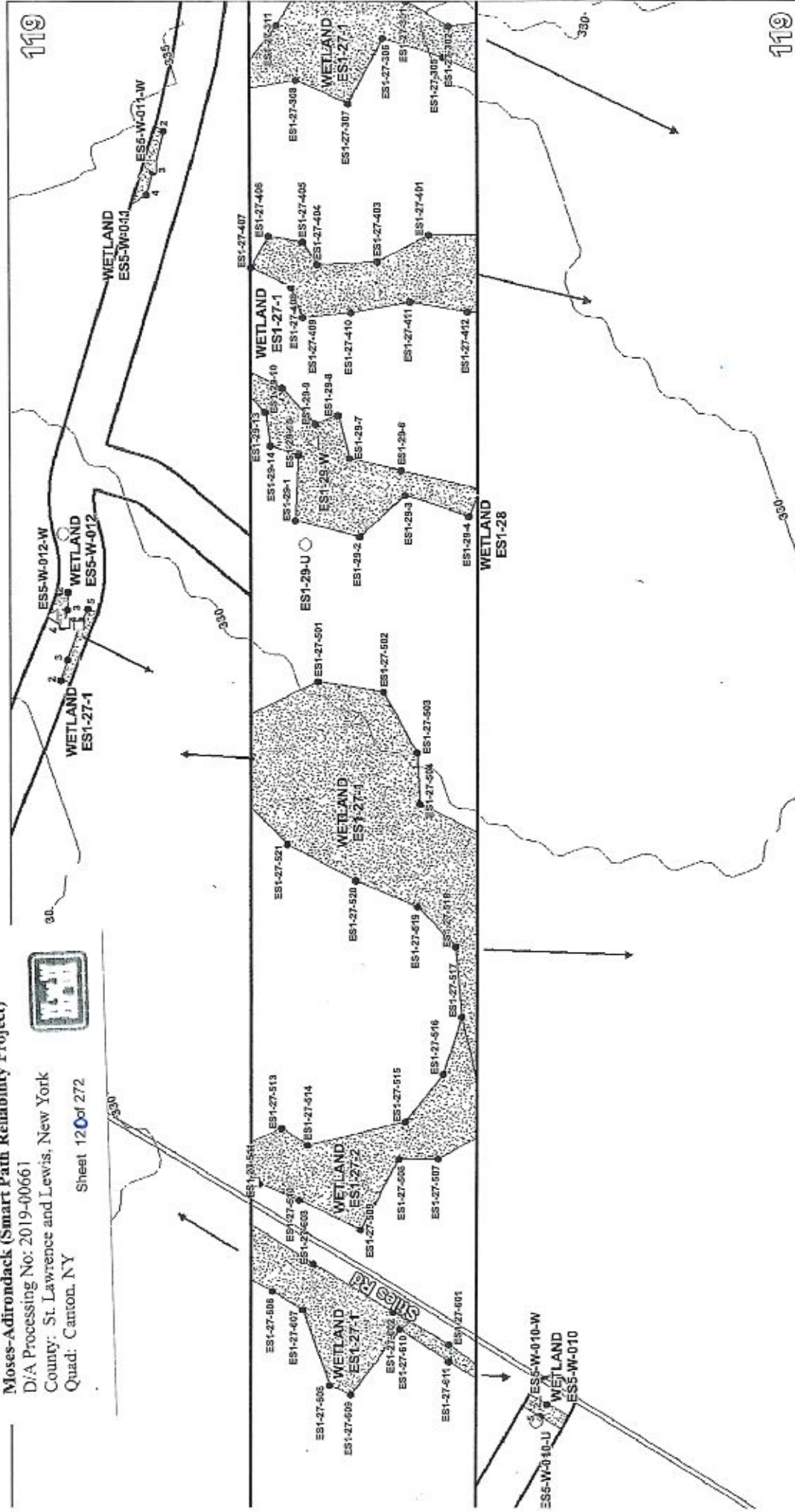
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US





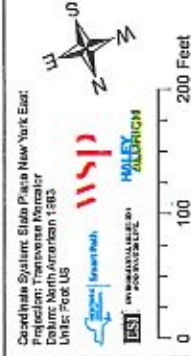
Sample Point

- ☐ Upland
☐ Wetland
☒ Delineated Flag
☐ Delineated Culvert

- ↑ Continues Off-Site
 ∞ Field-Delineated Stream
 ̳ Field-Delineated Wetland
 □ Project Area (PA)

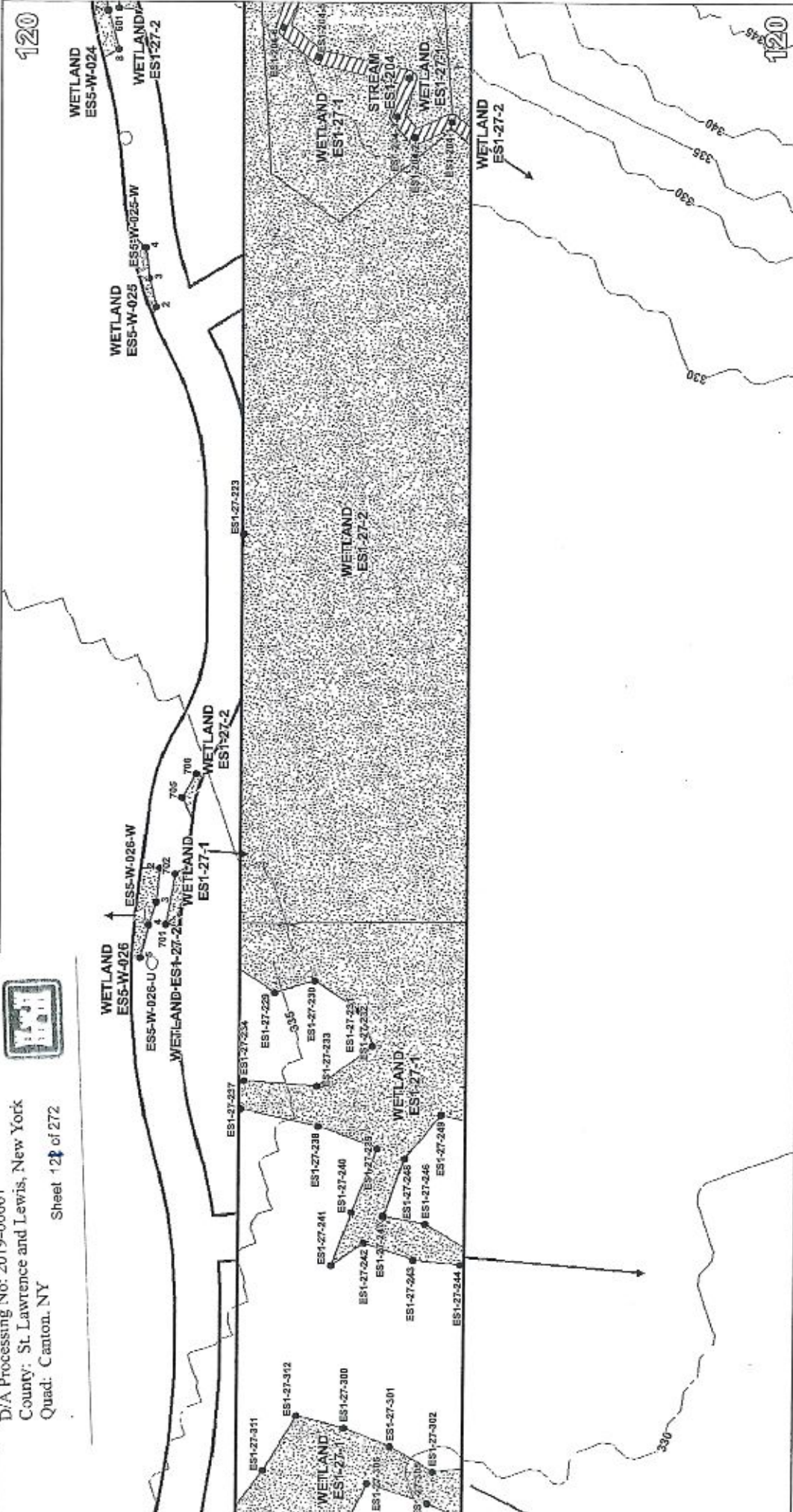
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

The 119 of 271





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Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Continues Off-Site ○ Field-Delineated Stream ○ Field-Delineated Wetland □ Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 120 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North America 1983 Unit: Feet US WSP HALEY ALDRICH PROJECT AREA 0 100 200 Feet 117 118 119 120 121 122 123
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NYPA

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Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

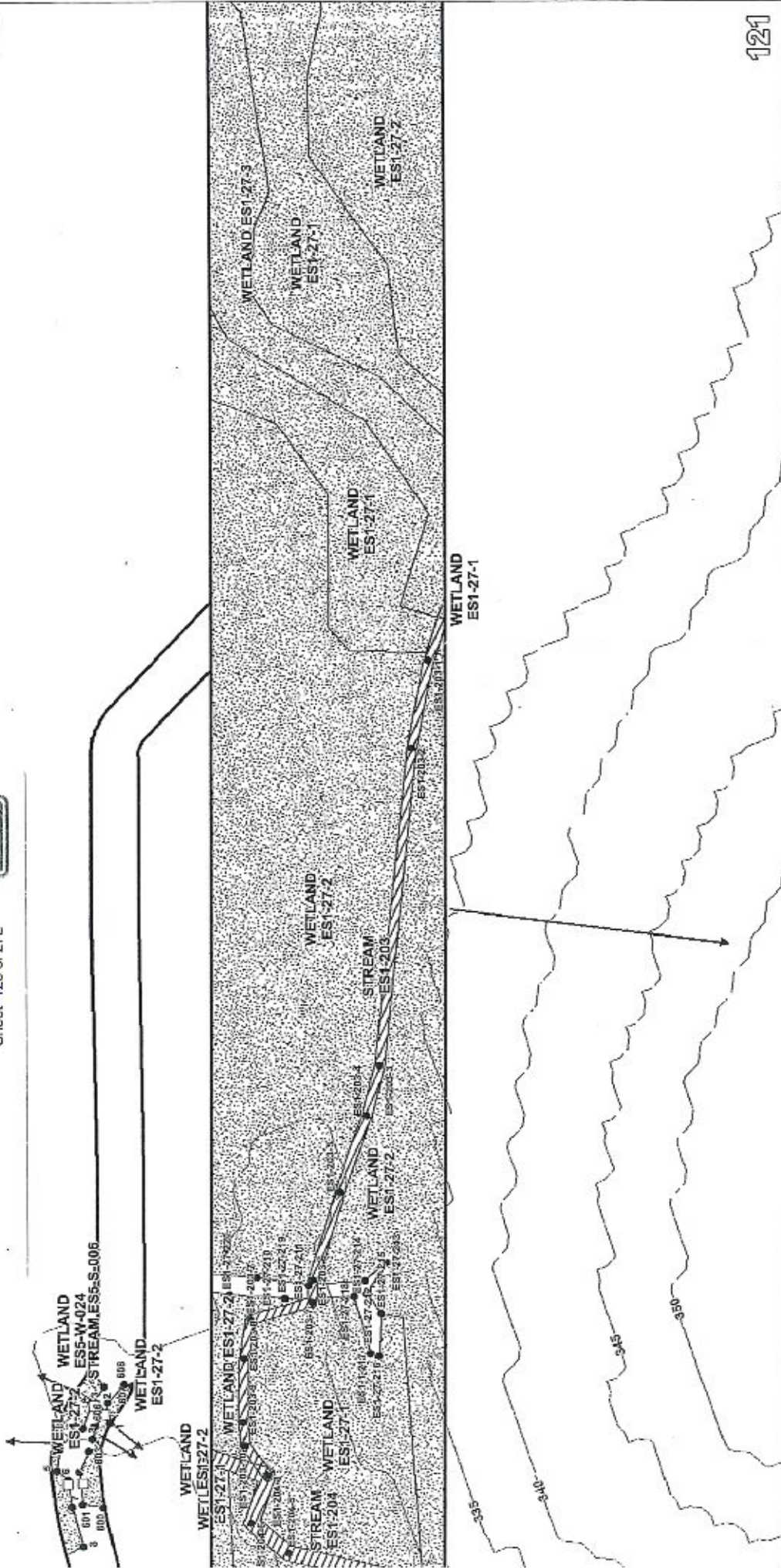
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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121



121

Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 121 of 271	Coordinates System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ESRI Survey Solutions WSP M&T H&M 0 100 200 Feet 118 119 120 121 122 123 124
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PJD

NYPA

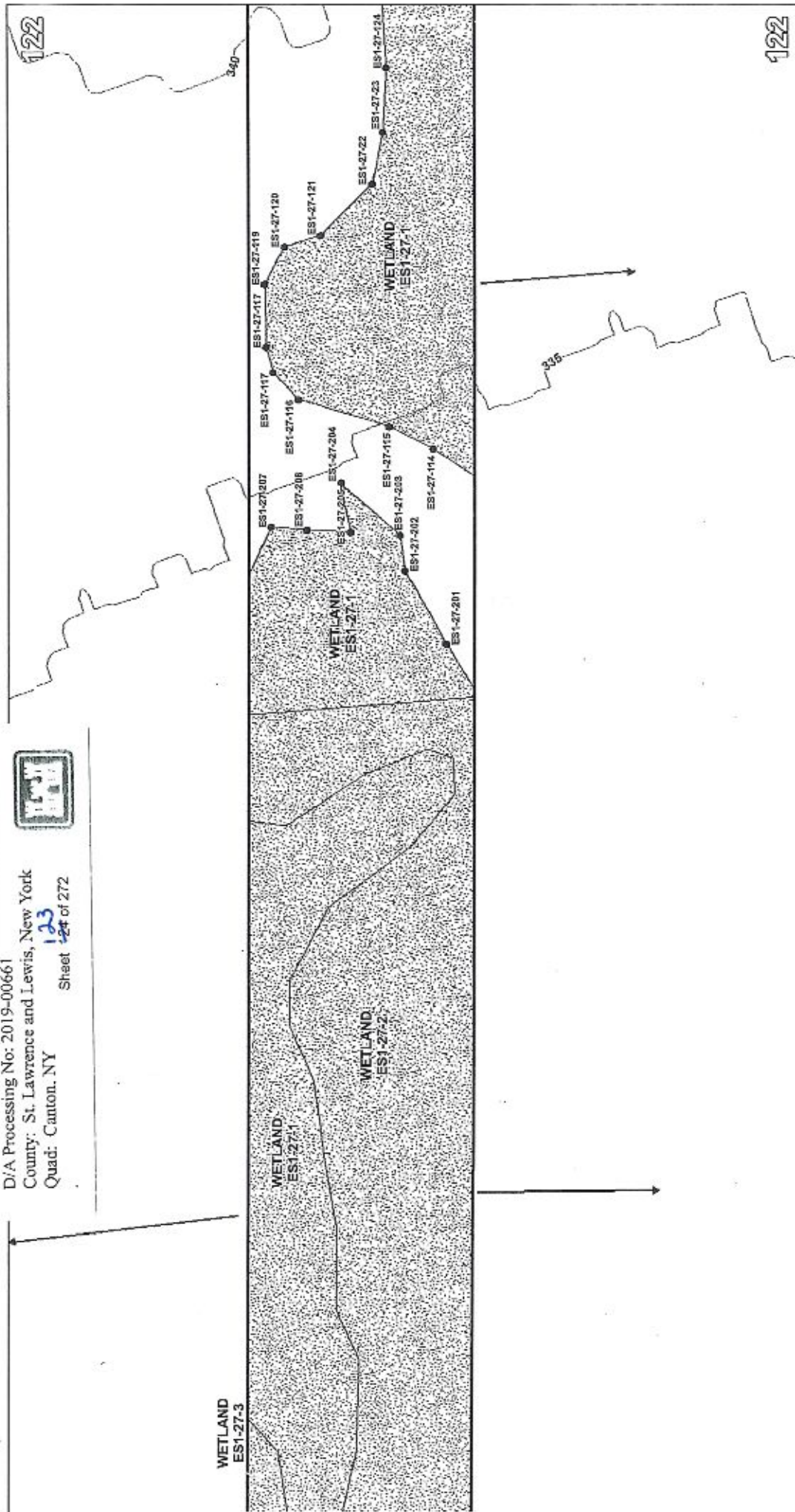
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

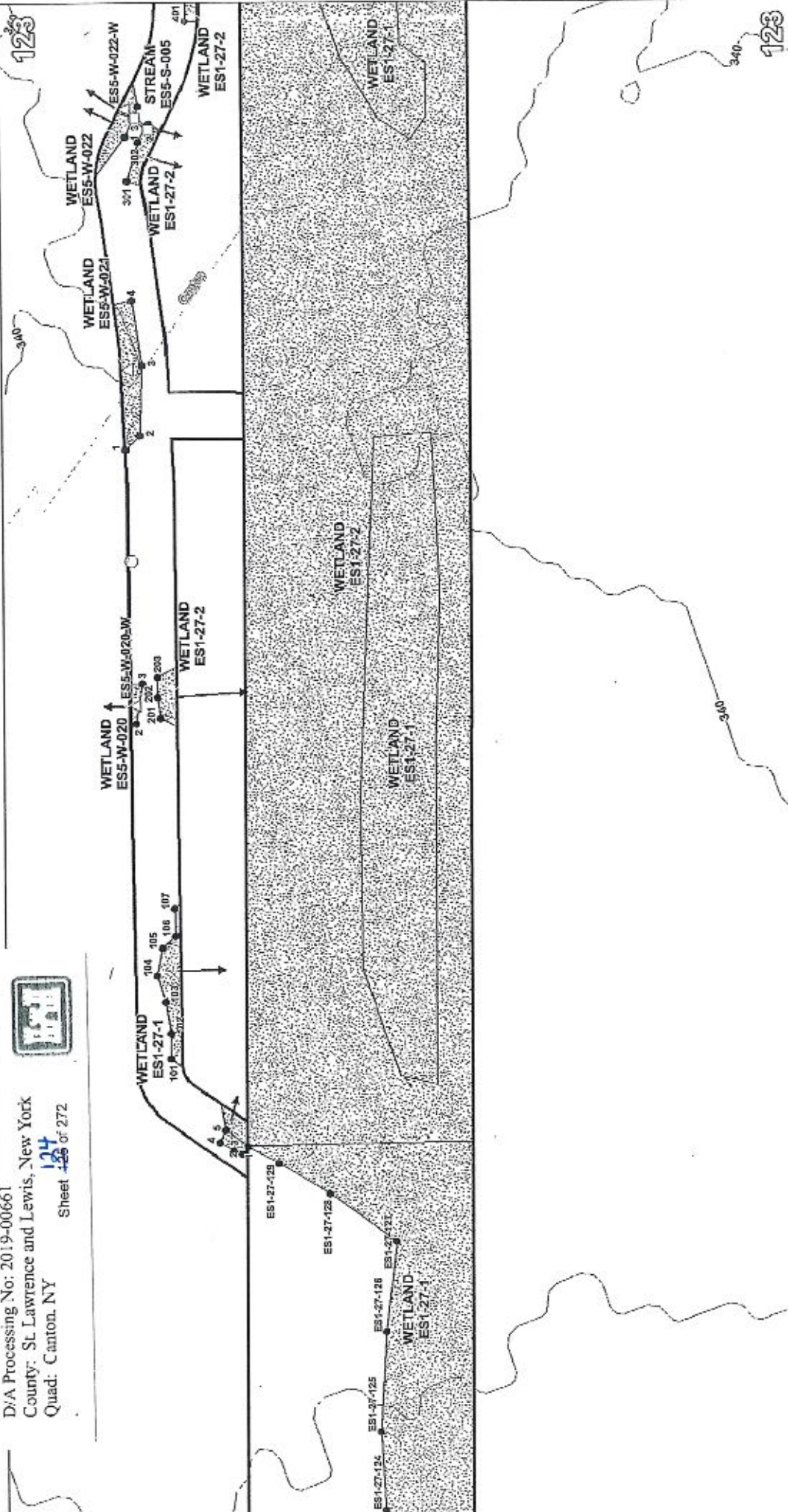
County: St. Lawrence and Lewis, New York

Quadr: Canton, NY

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Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 122 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US WSP WATERSHED SERVICES PROJECTS MALEY & DUCH ADIRONDACK Scale: 0 100 200 Feet North Arrow Grid: 119 120 121 122 123 124 125
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Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Title 123 of 271
Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US		

NYPA Adirondack (Smart Path Reliability Project)

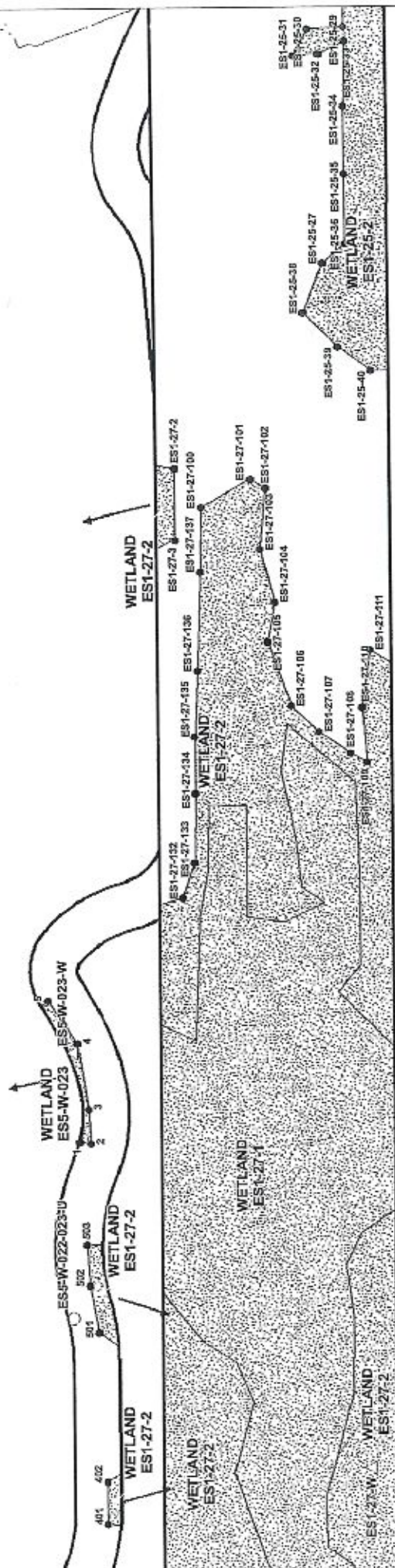
MOSES-AQU OROCK (COURT)
D/A Processing No: 2019-00661

Course: St. Lawrence and Lewis, New York

25

Quad: Canon NY

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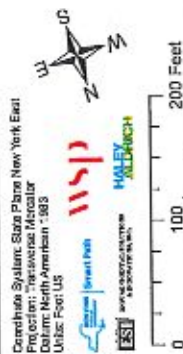
Sample Point

- Upland
Wetland
Delineated Flag
Delineated Culvert

- Continues Off-Site
Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

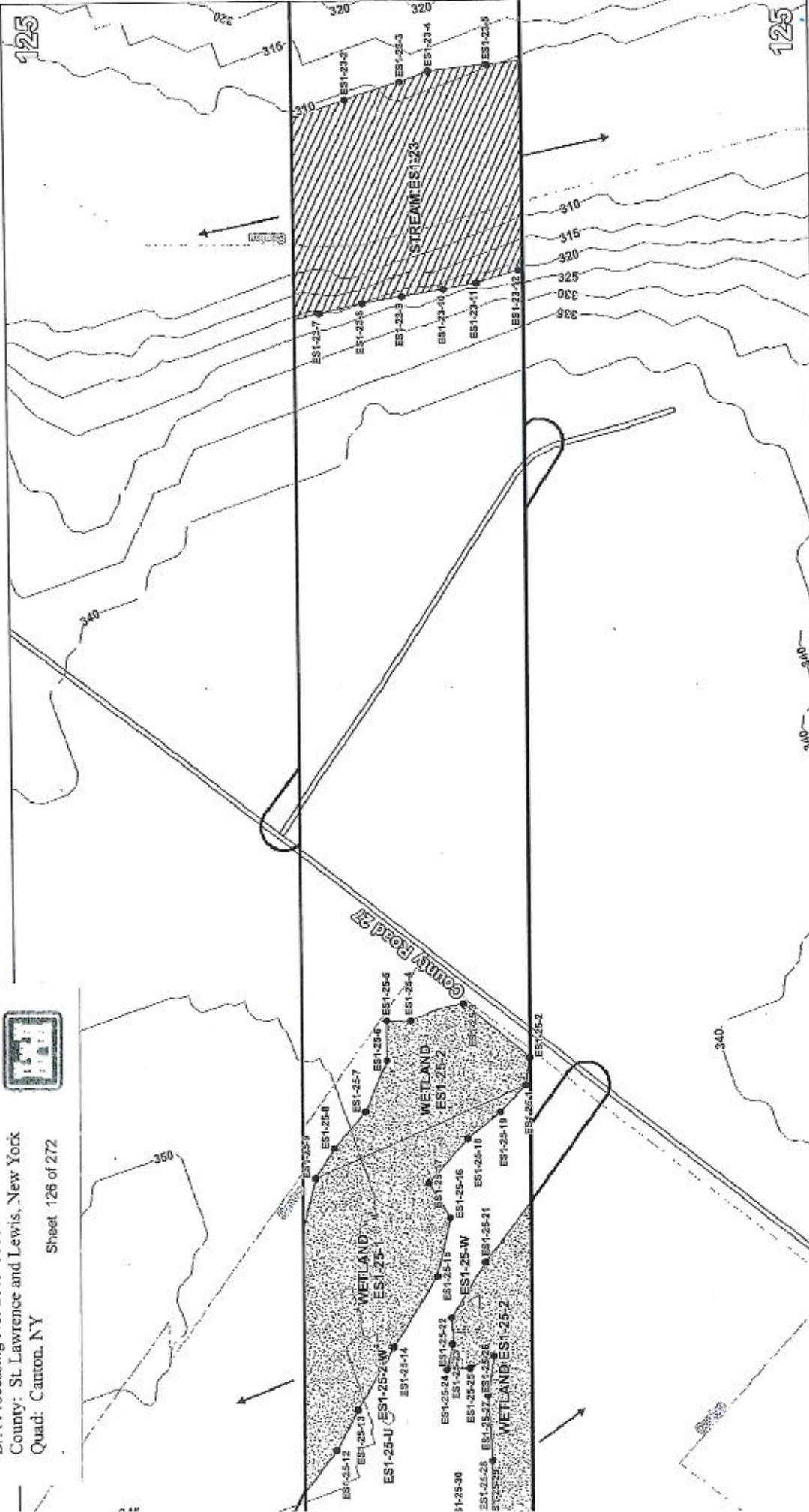
Tile 124 of 271



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY



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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 WETLAND SURVEY PROJECT

ES1
 ENVIRONMENTAL SCIENCE

0 100 200 Feet

122 123 124 125 126 127 128

NYPA PJD

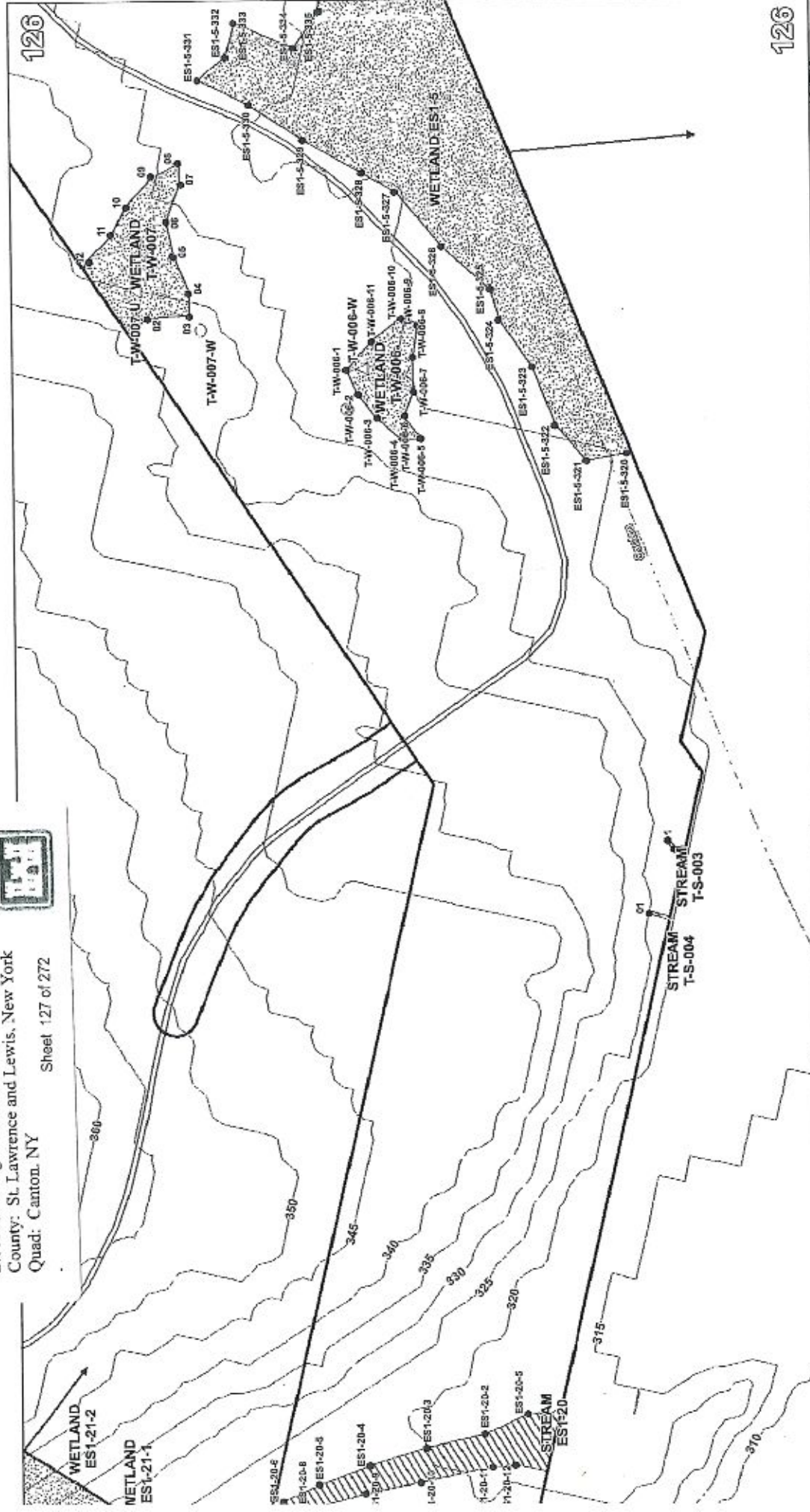
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership

MALECH
Moses-Adirondack Land Ecosystem Health

ESR
Ecological Services Report

0 100 200 Feet

North Arrow



NYPA

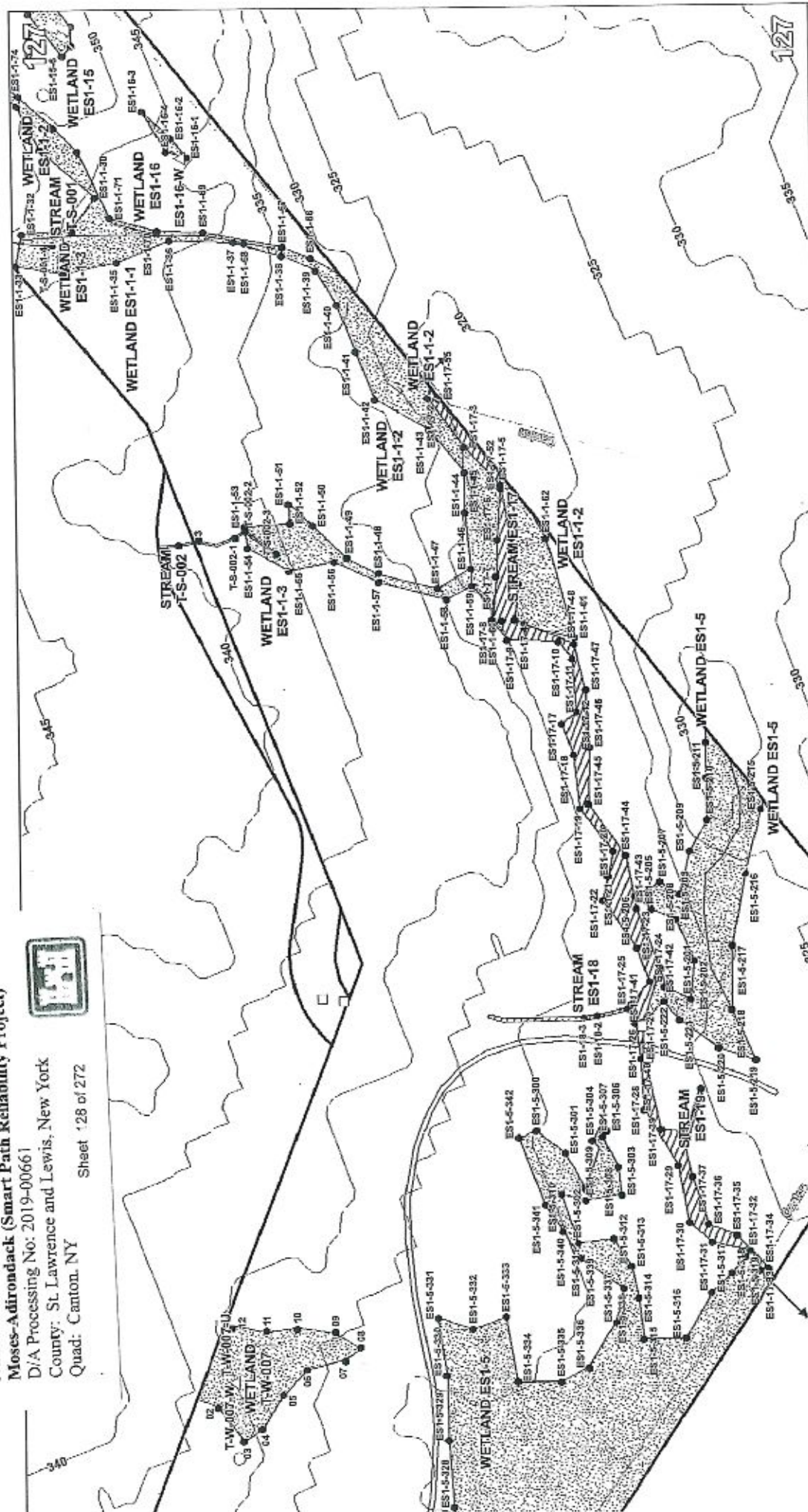
NYPA
 Funded (Smart Path Reliability Project)

Moses-Adirondack (Smart Path)

D/A Processing No: 2019-00661
C. F. Thompson and Lewis, New York

County: St Lawrence
Qued: Canton, NY

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Sample Point

Upland

Wetland

Delineated Flag

Delineated Culvert

Continues Off-Site

Field-Delineated Stream

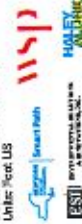
Field-Delineated Wetland

Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 127 of 271

Coordinata System: State Plane New York East.
Projection: Transverse Mercator
Datum: North American 1983

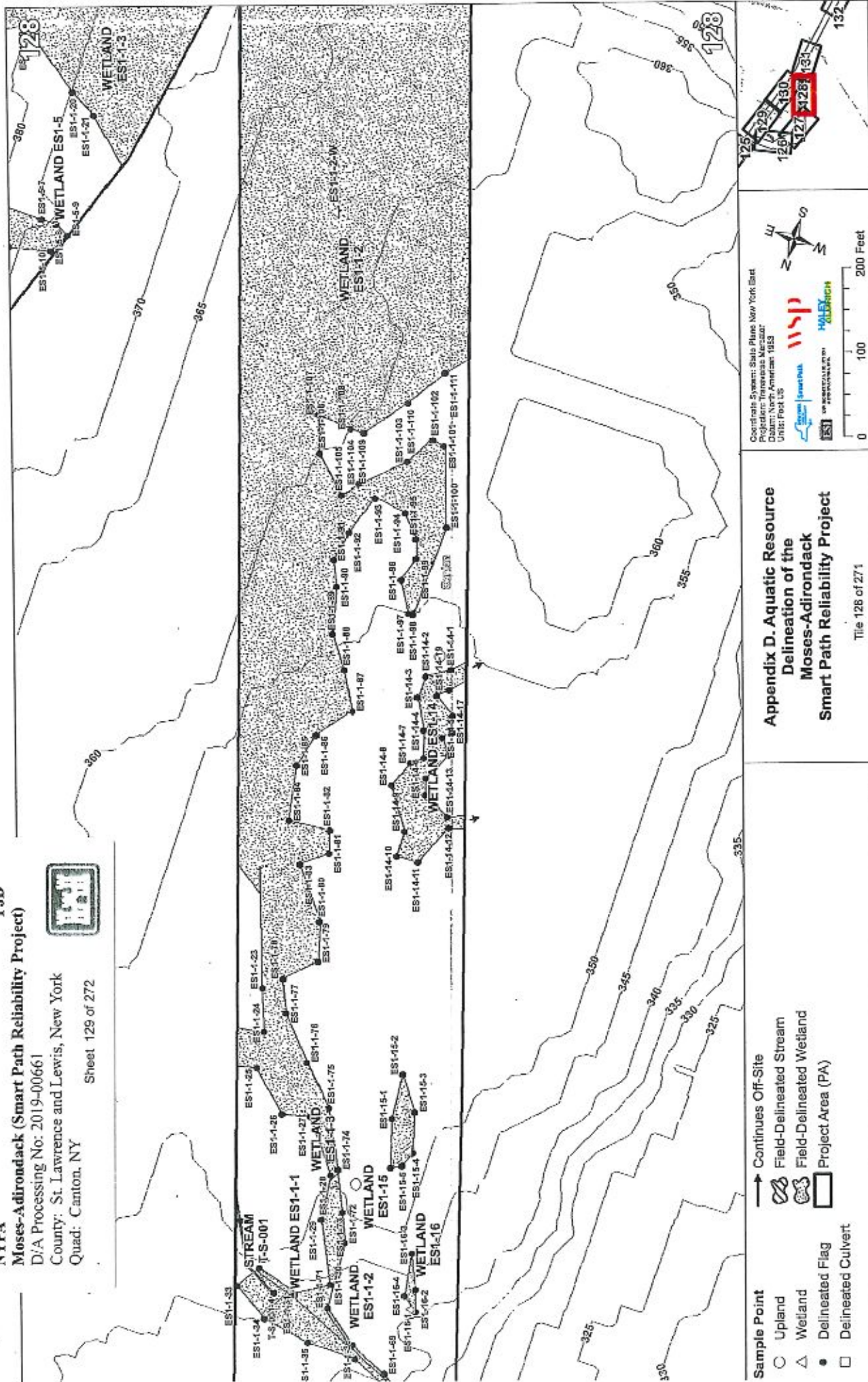


NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY



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PJD



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

↑ Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 128 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

НУРА

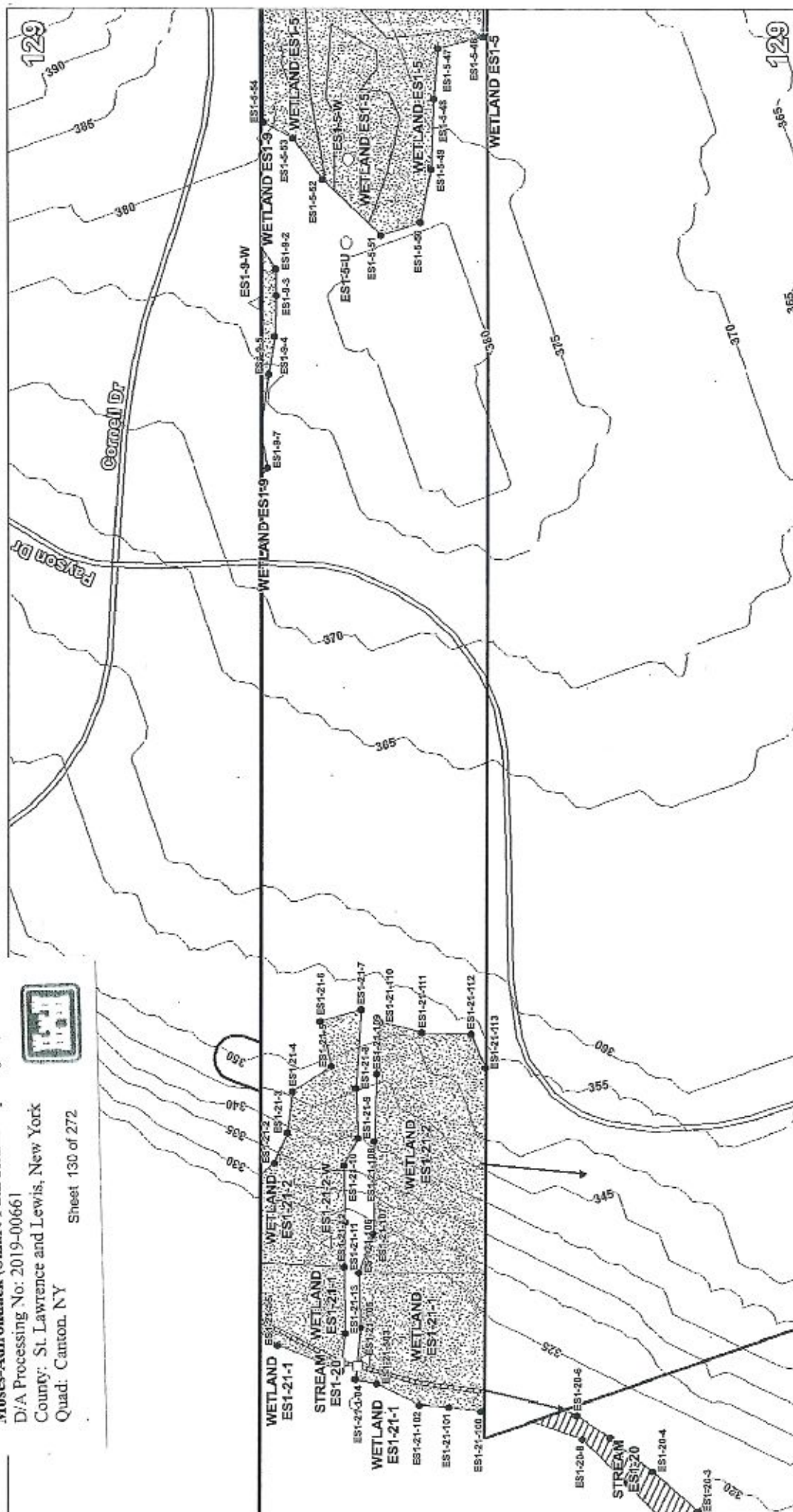
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Legend
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



200 Feet



PJD

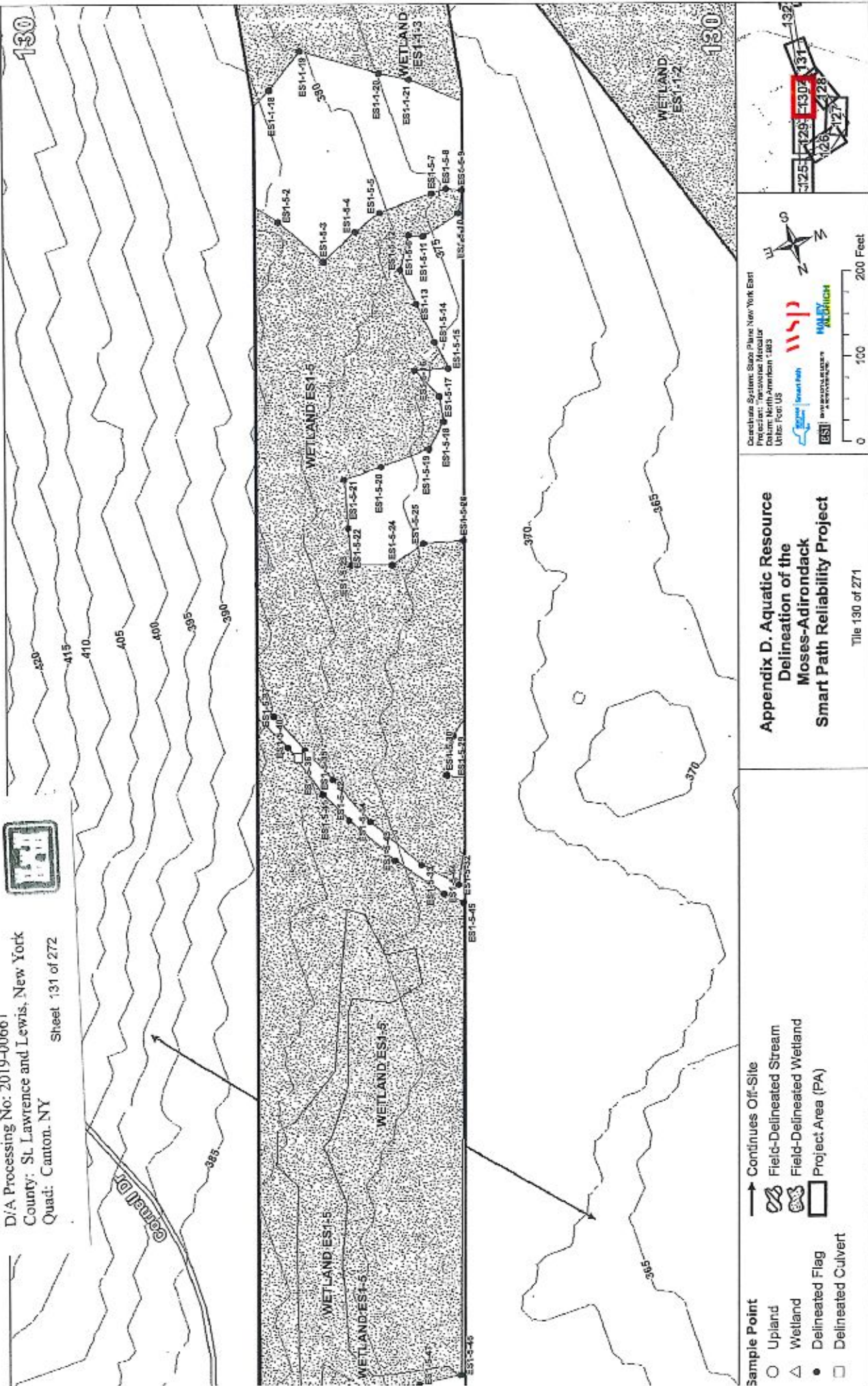
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
Datum: North American 1983
Units: Feet US



NYPA

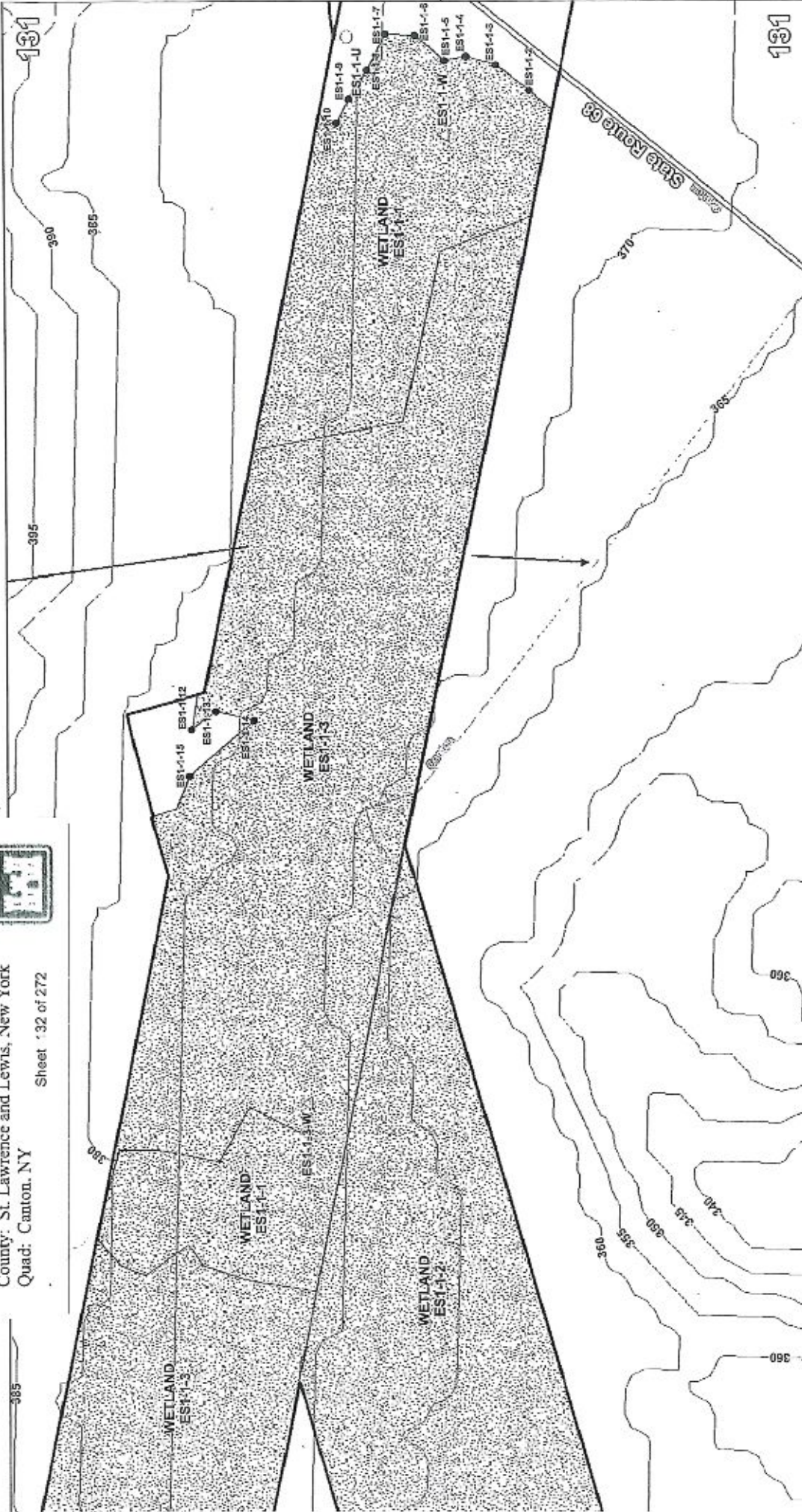
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Legend

- Continues Off-Site
- ▨ Field-Delineated Stream
- ▨ Field-Delineated Wetland
- ▨ Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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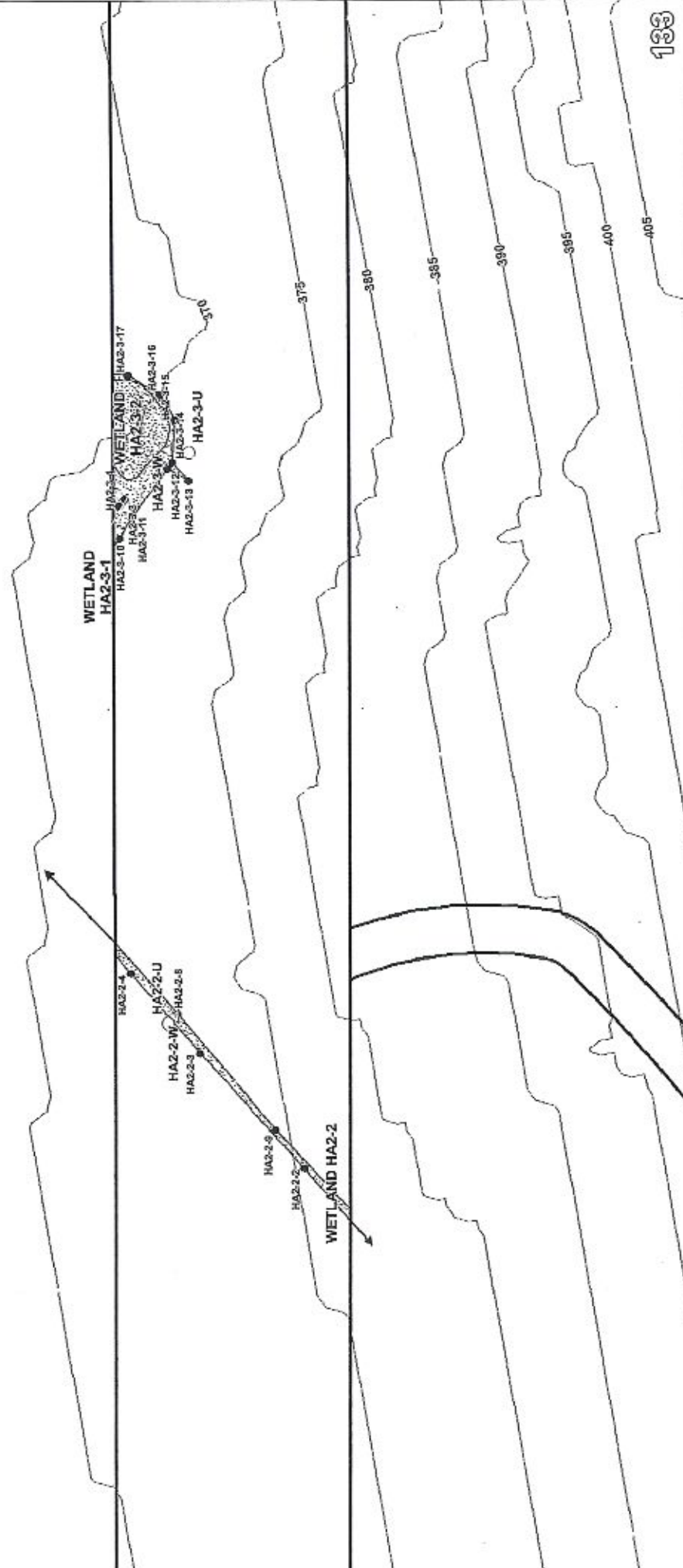
Coordination System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

ESR **Smart Path** **WSP** **WSP** **WSP**

Scale: 0 100 200 Feet

North Arrow: N, S, E, W

Inset Map: Shows the project location within the larger context of the region, with a red box highlighting the project area.



Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 133 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US
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PJD

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

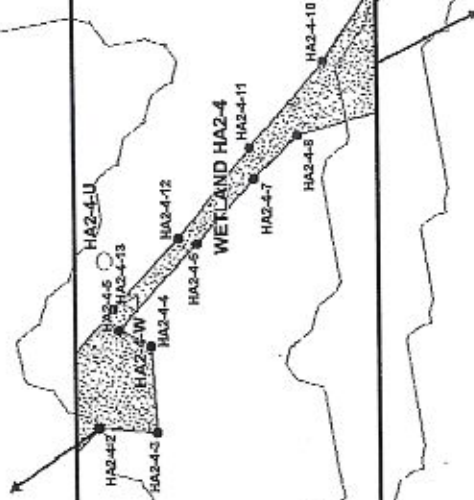
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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134



134

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

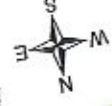
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 134 of 271

Coordinate System: State Plane New York, East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership
Wetland Science Partnership

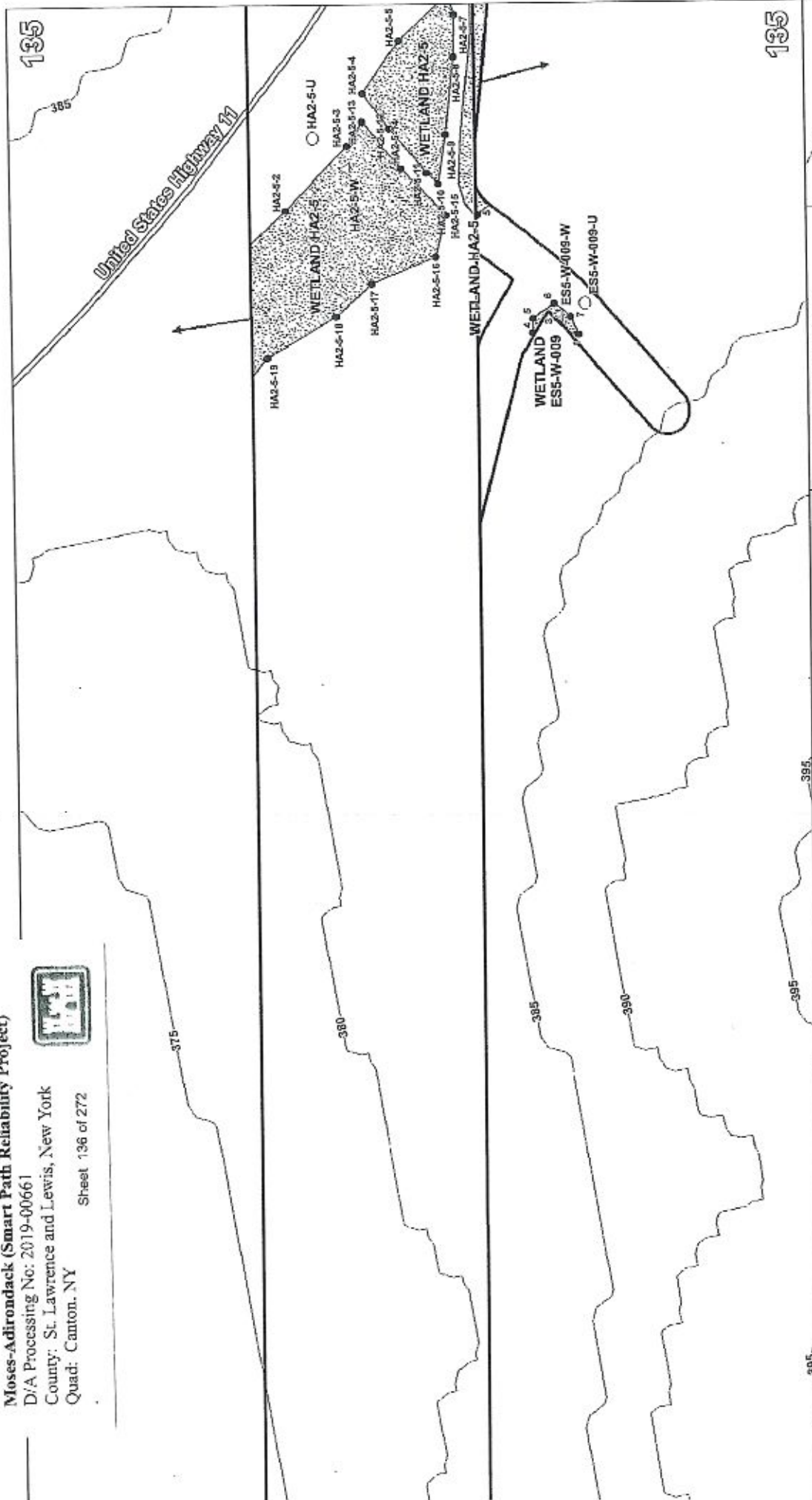
WSP
Wetland Science Partnership
Wetland Science Partnership



NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Title 135 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US ESRI ArcGIS Online WSP NYS NYS DEC NYS DOH NYS D&P NYS E&S NYS G&S NYS H&S NYS I&S NYS J&S NYS K&S NYS L&S NYS M&S NYS N&S NYS O&S NYS P&S NYS Q&S NYS R&S NYS S&S NYS T&S NYS U&S NYS V&S NYS W&S NYS X&S NYS Y&S NYS Z&S
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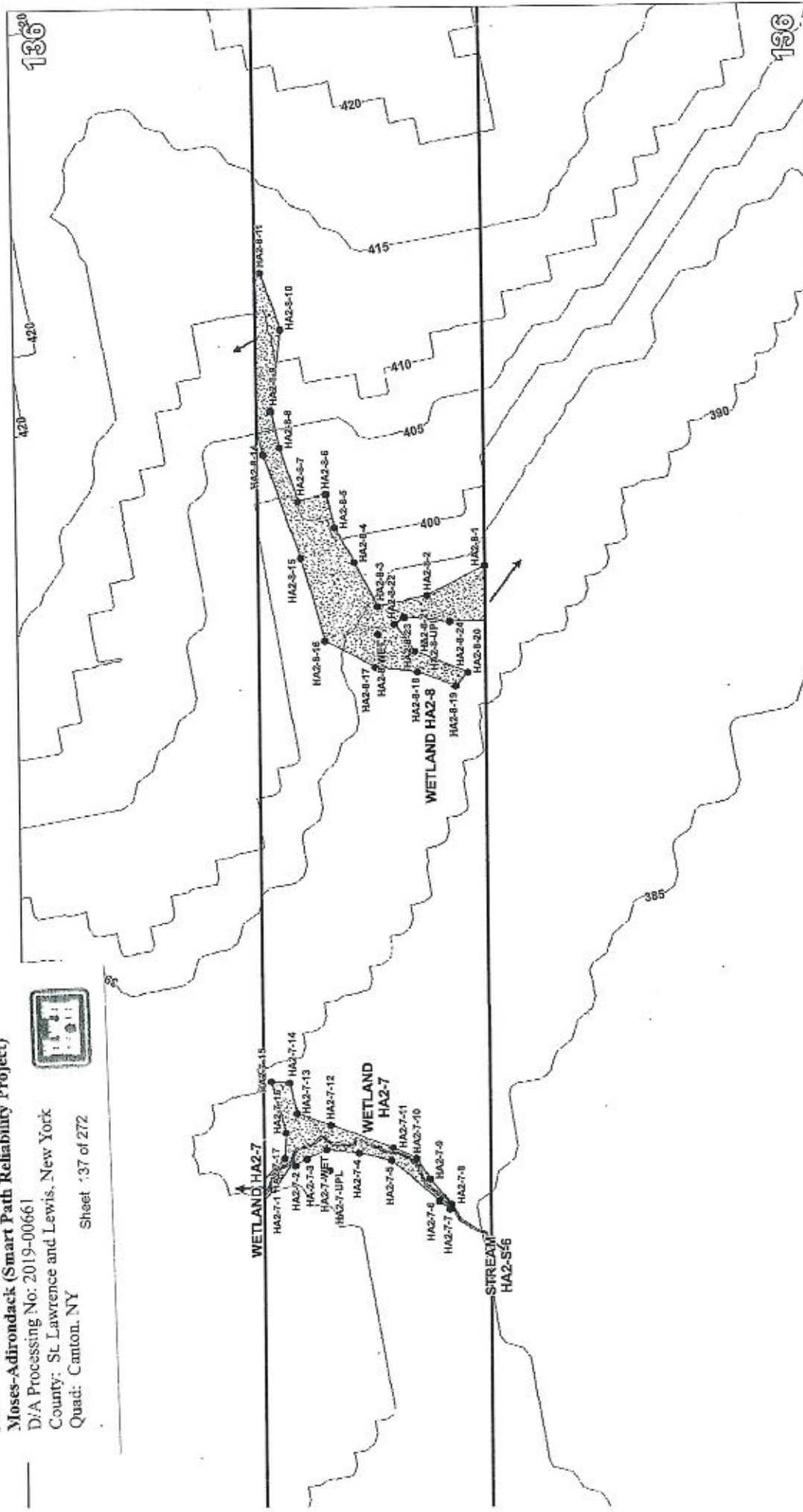
NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Coordinate System: State Plane New York East Projected: Transverse Mercator Datum: North American 1983 Units: Foot US Scale: 1" = 100 Feet North Arrow: N Logos: WSP, HALEY, ADIRONDACK	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 136 of 271	Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)
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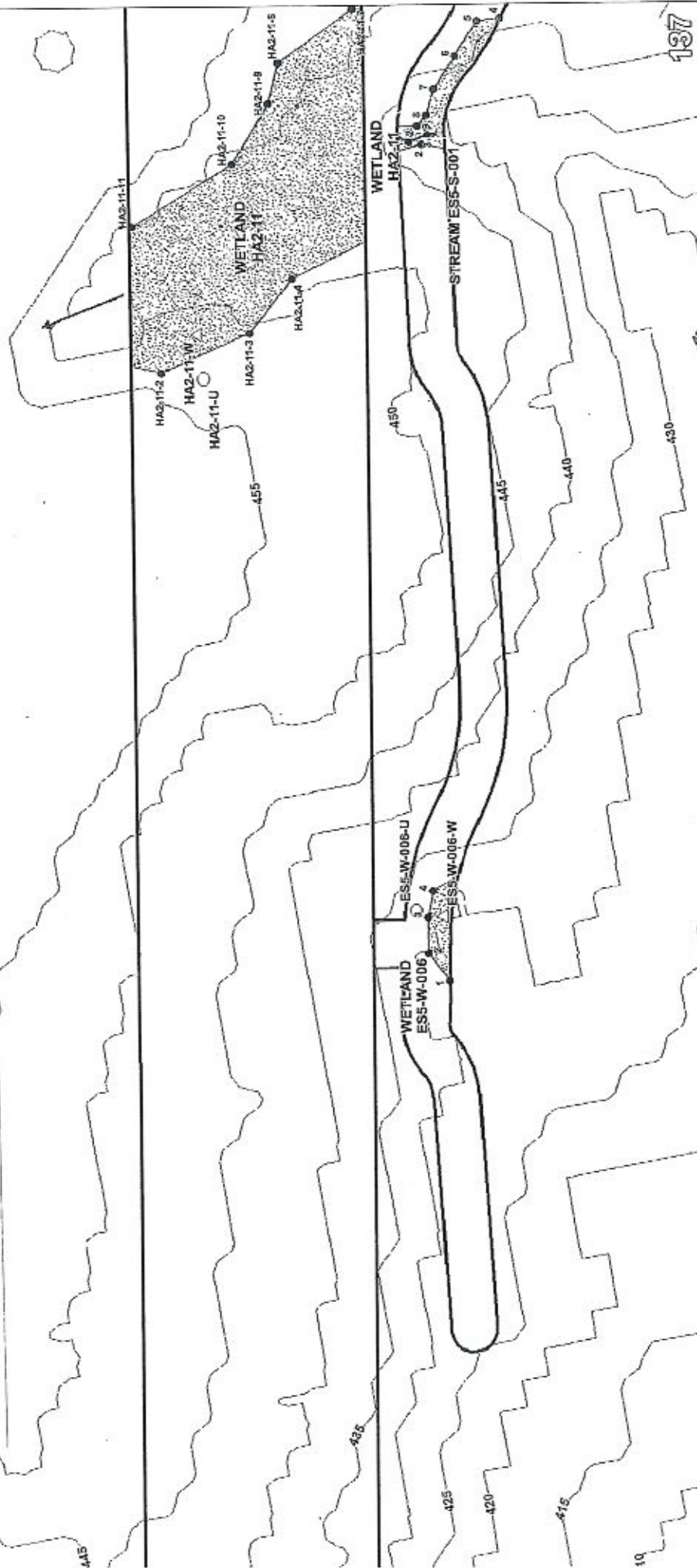
NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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137



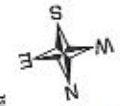
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert

- ↑ Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 137 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



0 100 200 Feet



NYPA

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

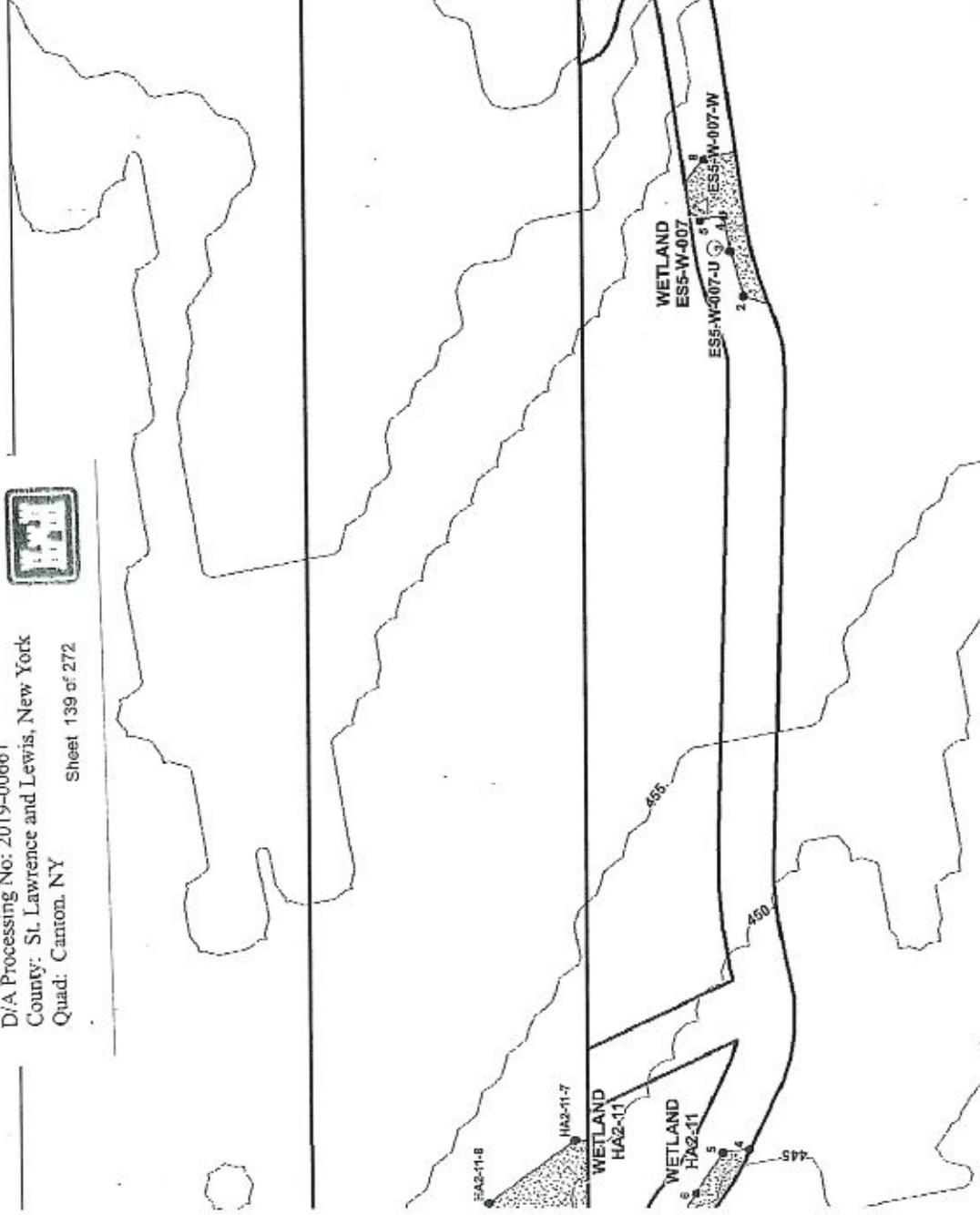
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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138



138

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 138 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Foot US



0 100 200 Feet



PJD

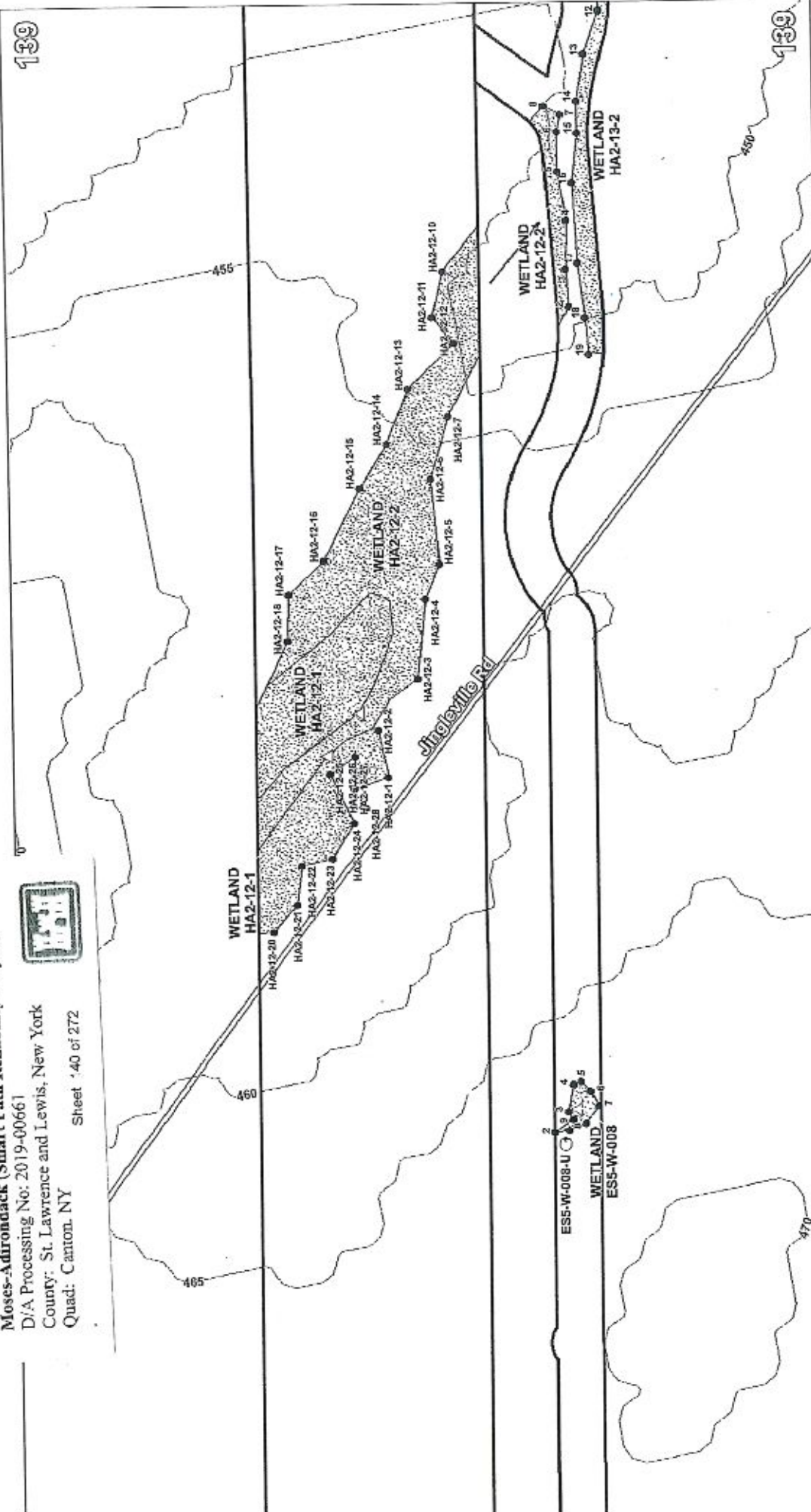
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

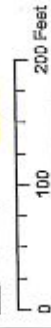
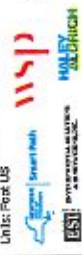
Sheet 140 of 272



- ample Point
- Upland
- Wetland
- Delineated Flag
- Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

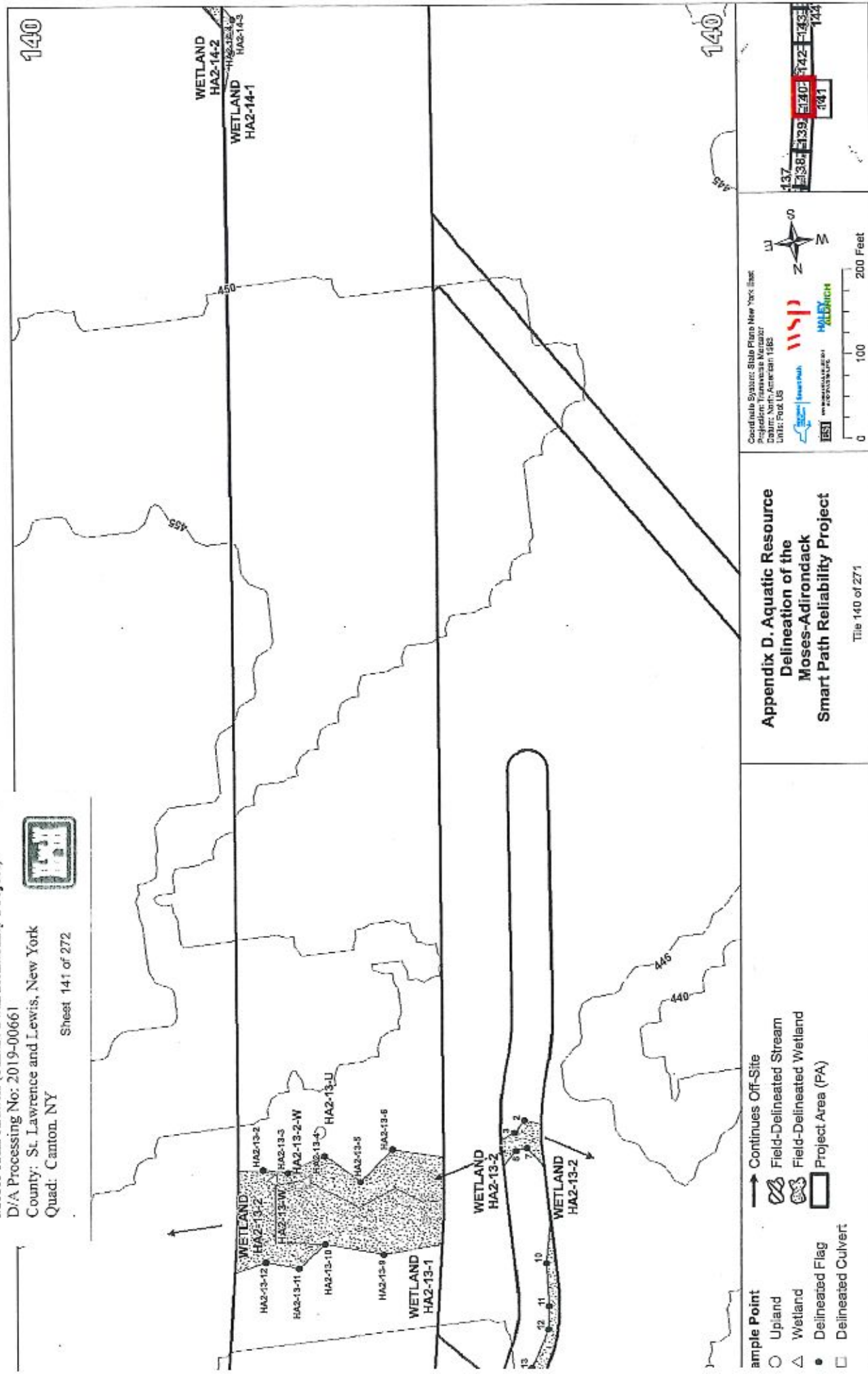
Coordinate System: State Plane New York State
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US



Tile 139 of 271

County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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PJD

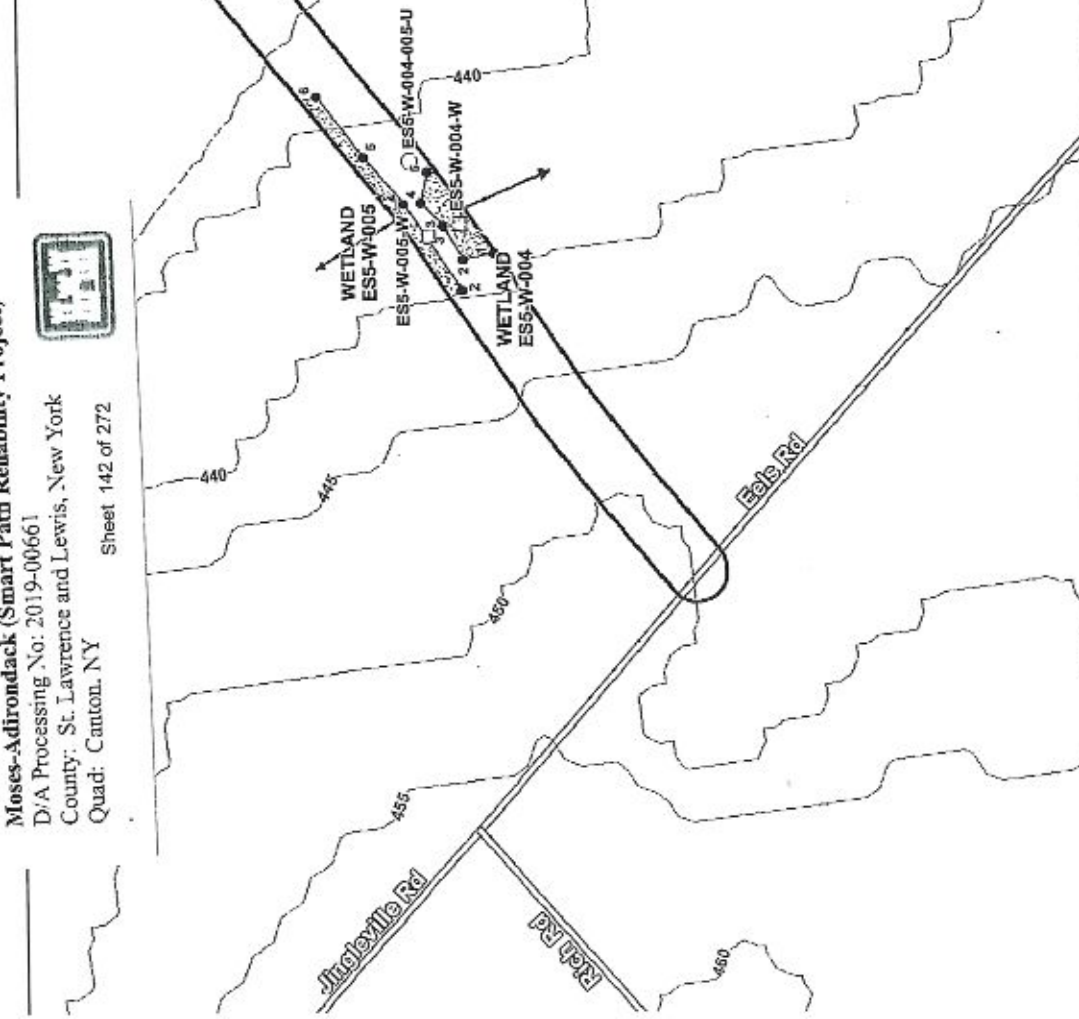
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- ▶ Upland
- ▶ Wetland
- ▶ Delineated Flag
- ▶ Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 141 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



0 100 200 Feet



PJD

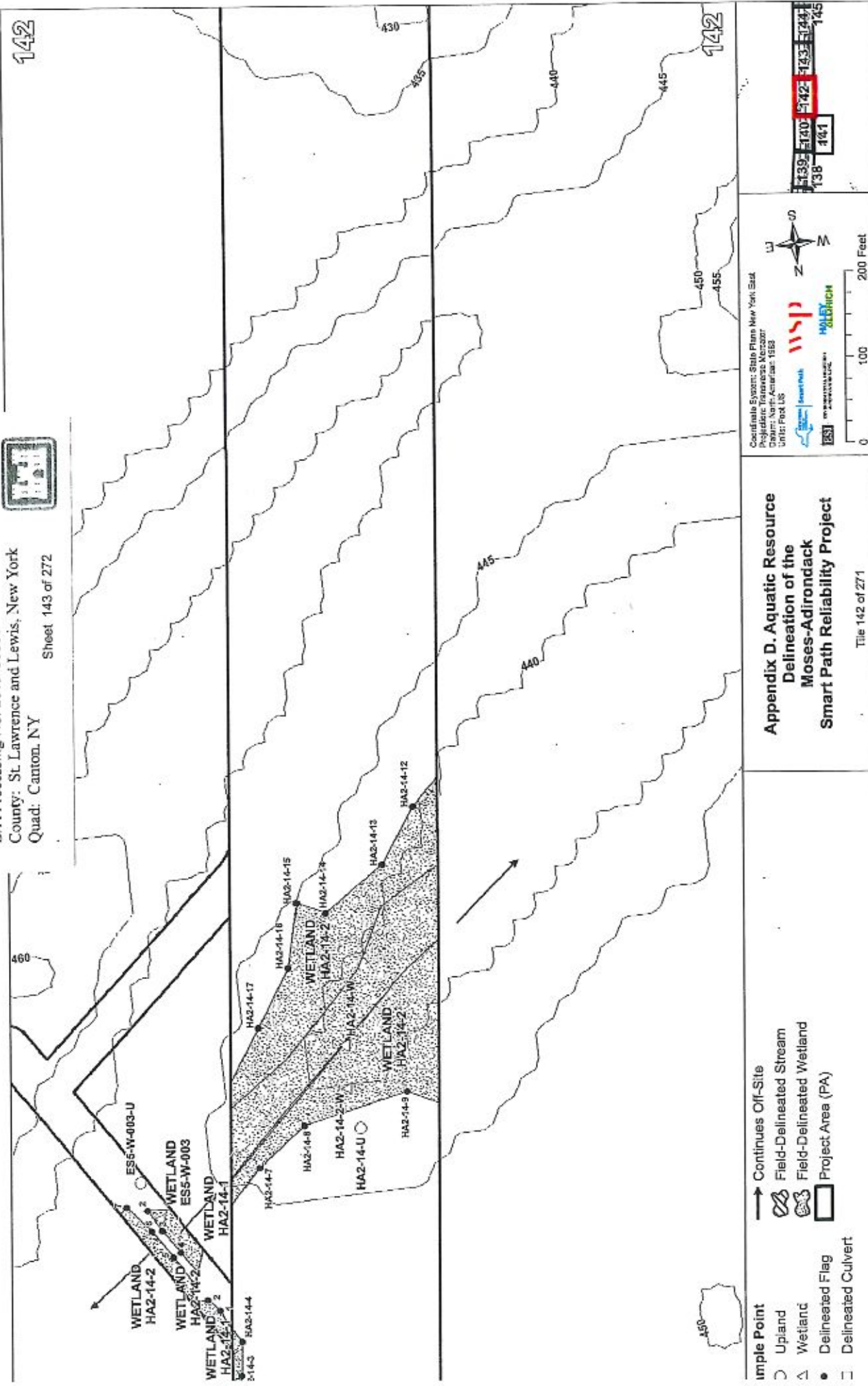
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

Country: St Lawrence and Lewis, New York

Quad: Canton, NY

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NYPA

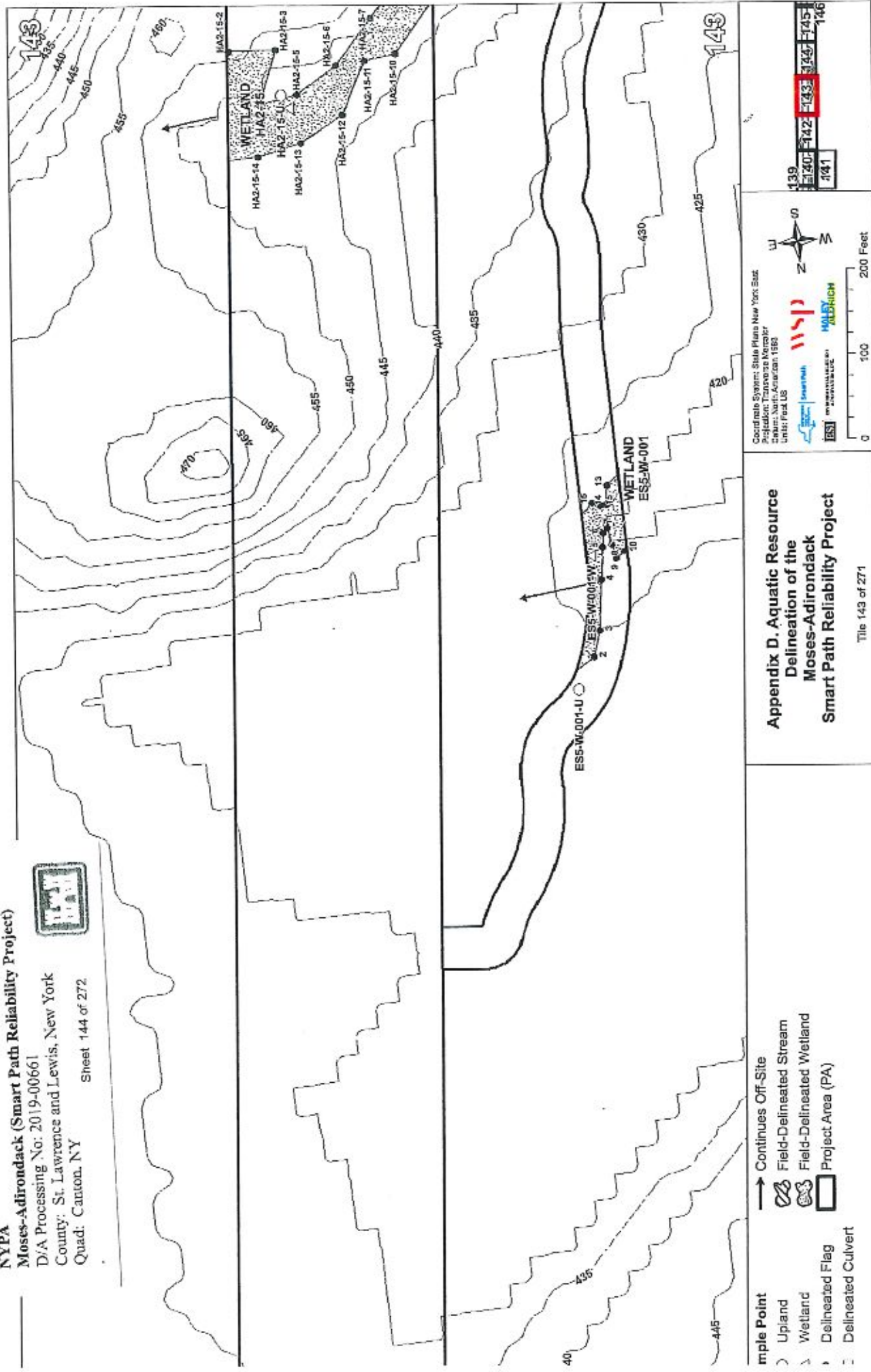
NYPA
...-...-... (Smart Path Reliability Project)

Moses-Adirondack (Smart Fact)
D/A Processing No: 2019-00661

Copyright © 2013 by Lawrence and Lewis, New York

Quad: Canton, NY

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PJD

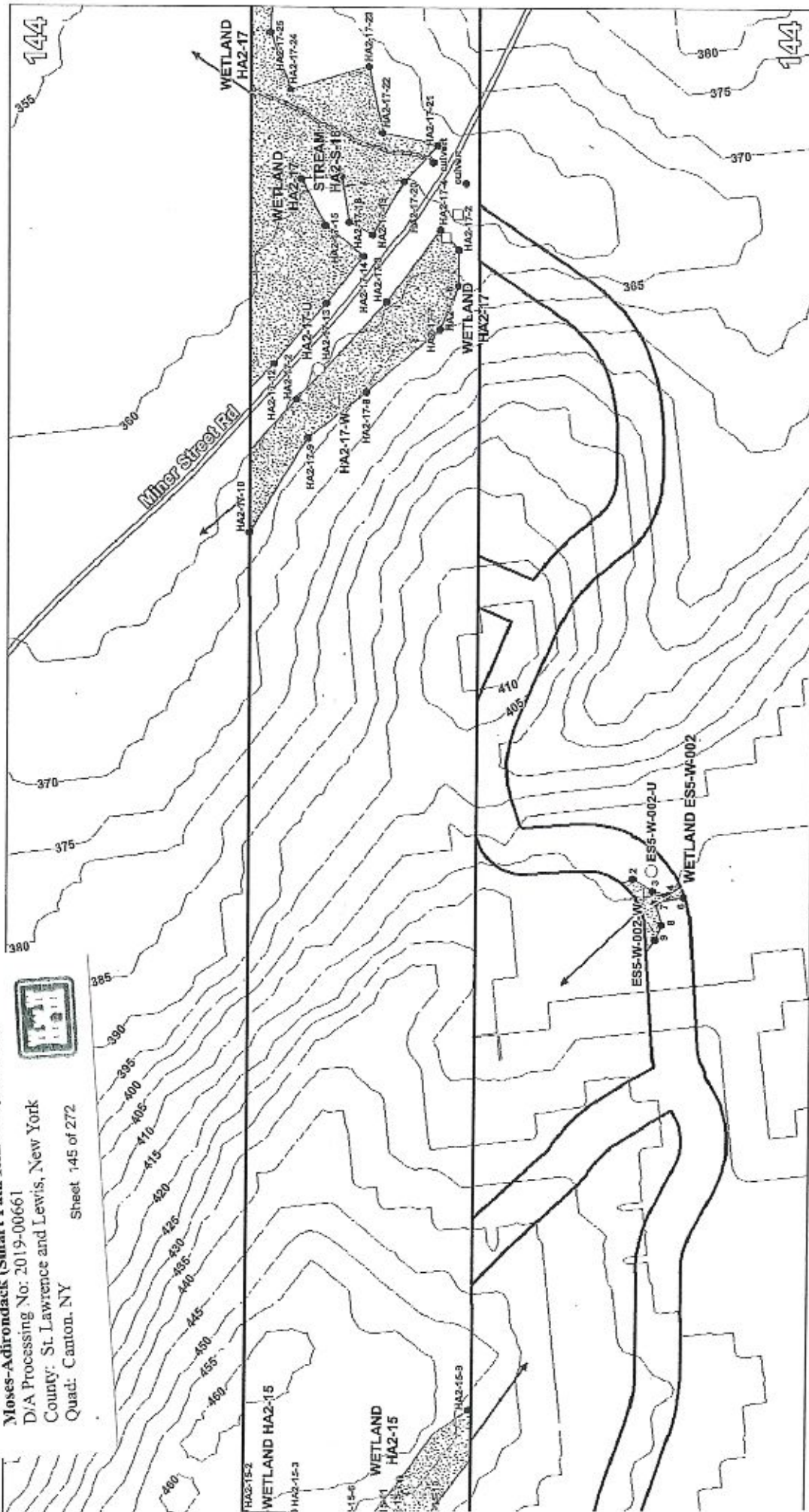
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quadr: Canton, NY

Sheet 145 of 272

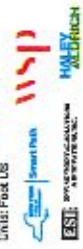


- Legend**
- ↑ Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)
 - Delineated Flag
 - Delineated Culvert

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 144 of 271

Cardinalis System Blue Print New York East
Project: Moses-Adirondack Reliability
County: St. Lawrence and Lewis
Date: 10/15/2019



PJD

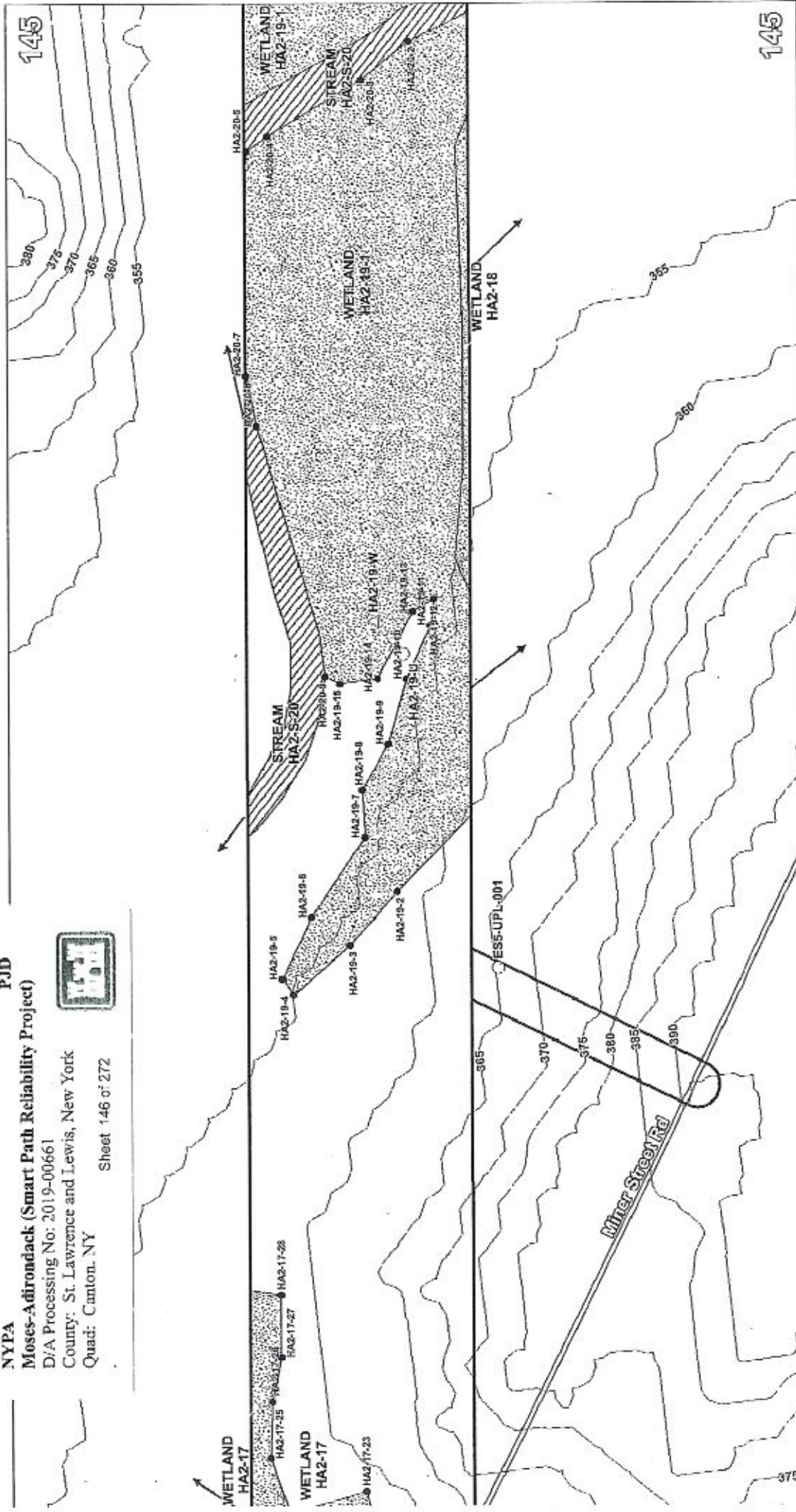
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- ☐ Upland
☐ Wetland
☒ Delineated Flag
☐ Delineated Culvert

- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 145 of 271

Coordinate Systems: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983

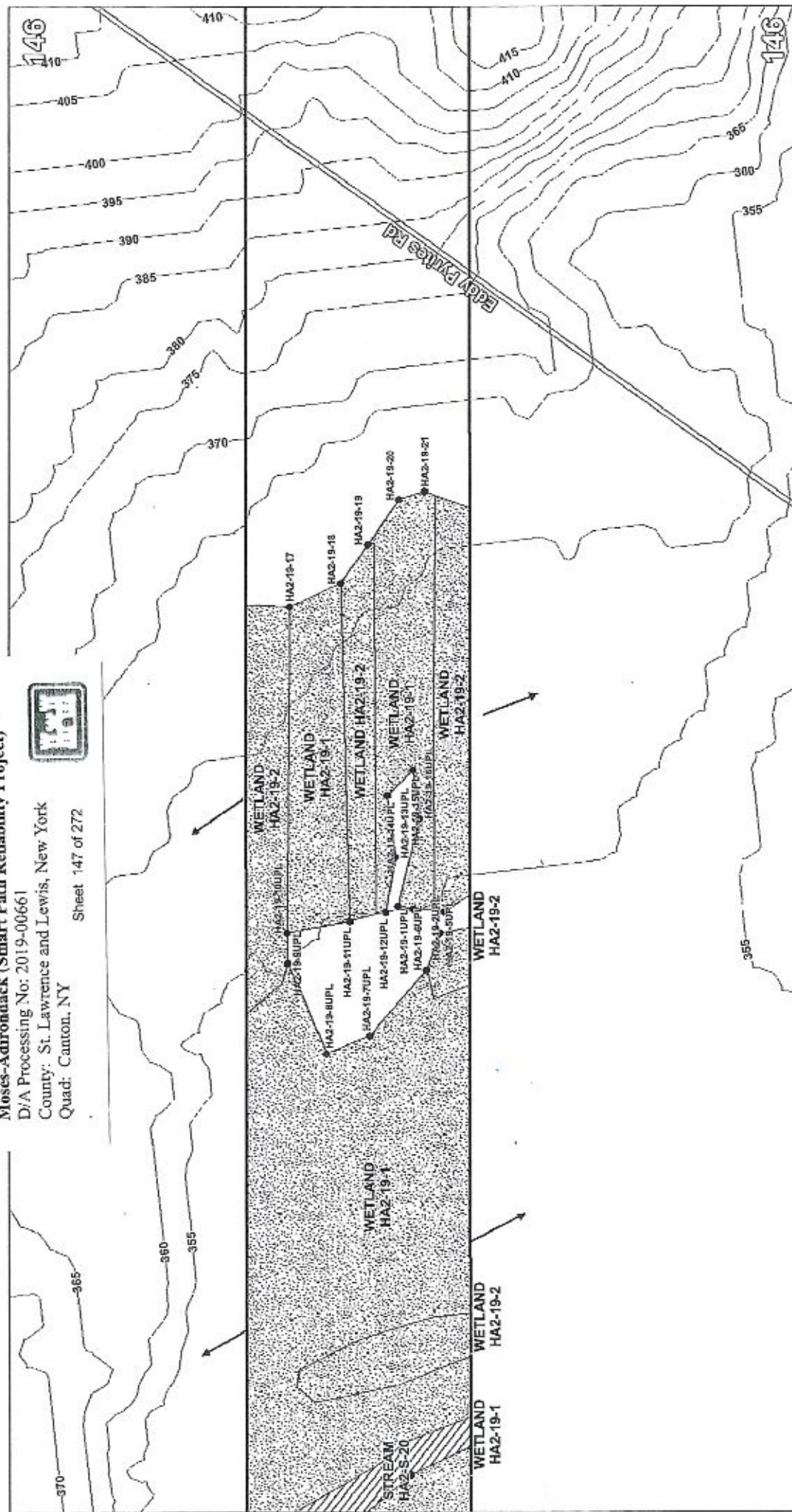


200 Feet





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○ Upland
△ Wetland
● Delineate
□ Delineate

Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Airondack
Smart Path Reliability Project**

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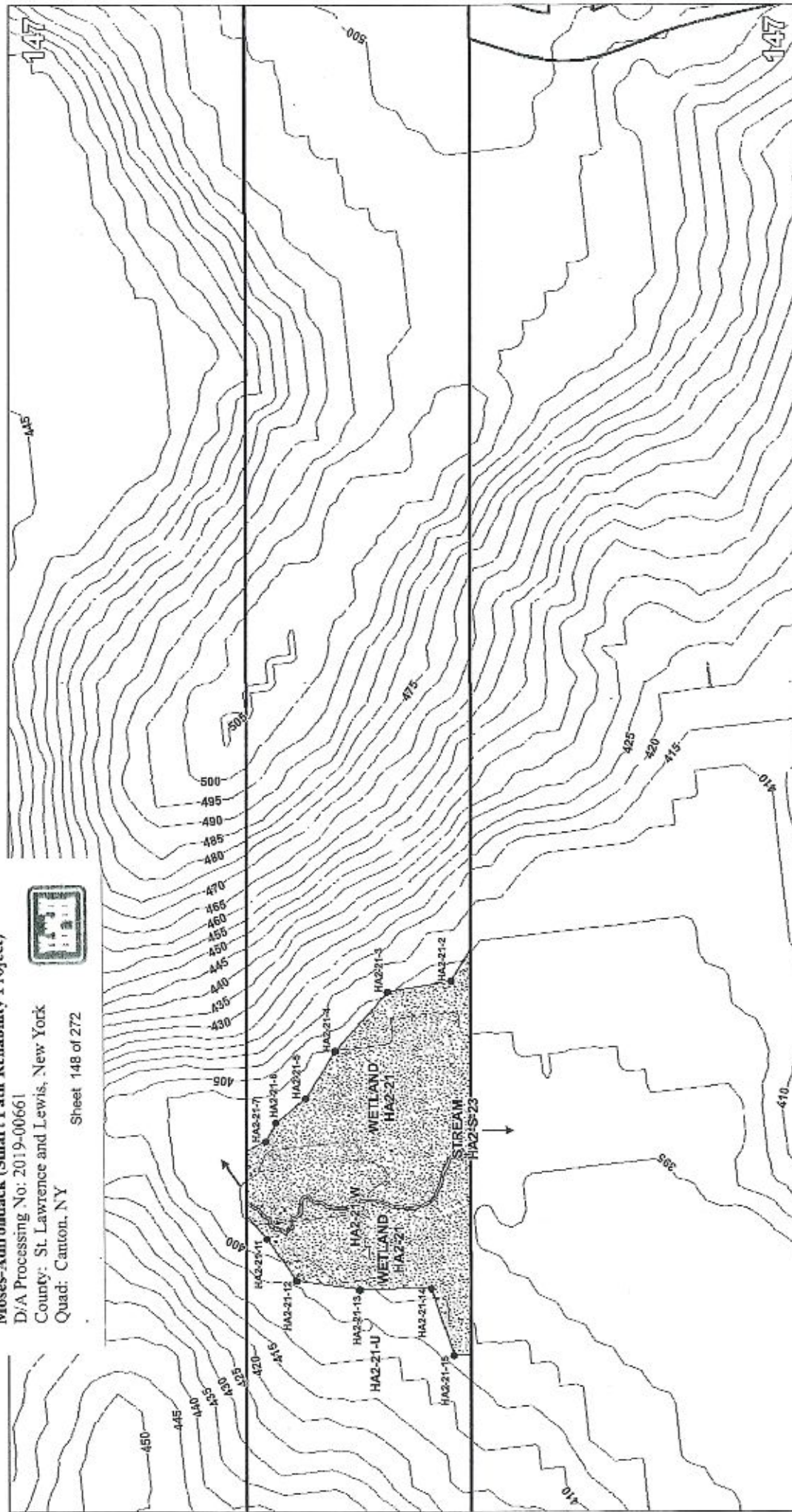
Coordinating Systems Sales Plans New York East
Protection: Transverse Member
Culture: North American 1983
Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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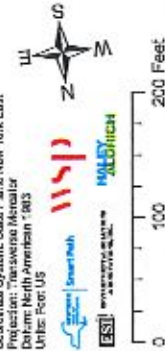


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 147 of 271

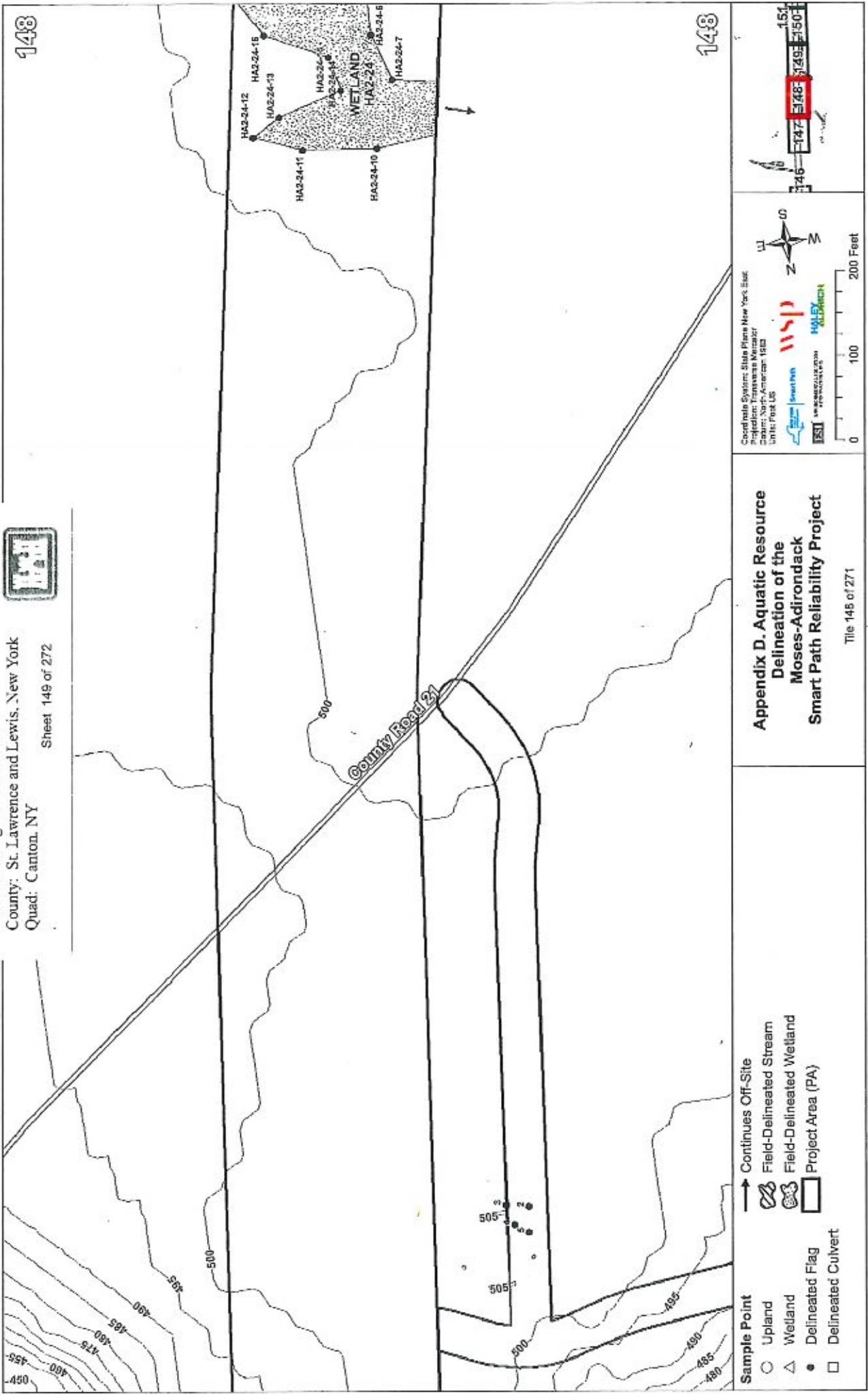
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Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 145 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ESRI **AUTODESK** **MAPBOX** **MAPBOX** **MAPBOX**

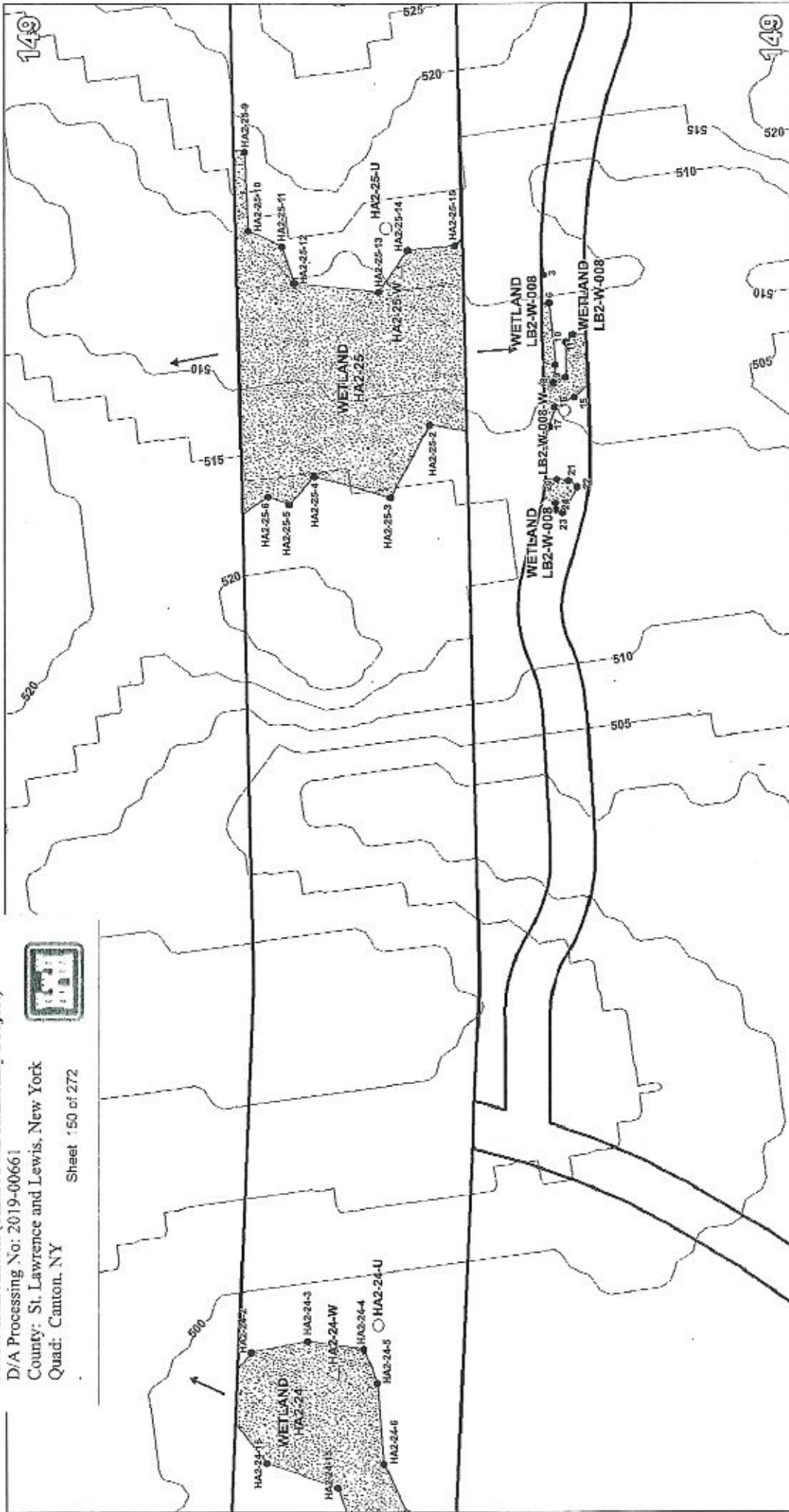
0 100 200 Feet



NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD
D/A Processing No. 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 149 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Units: Feet US

WSP
Wetland Survey Project

ESRI
Environmental Systems Research Institute

MapInfo
MapInfo Software

0 100 200 Feet

149 150 151 152

NYPA

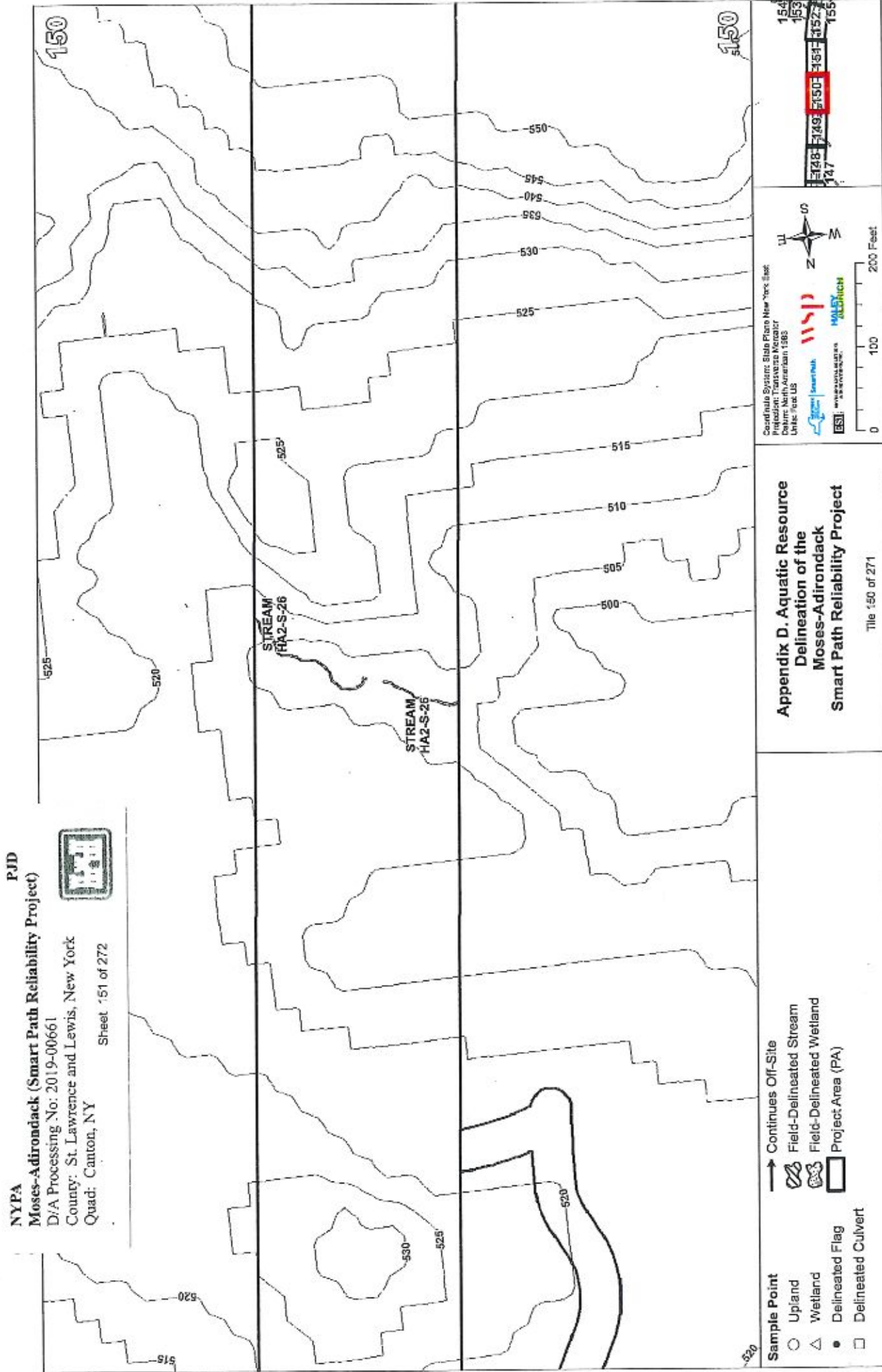
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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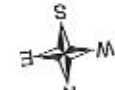
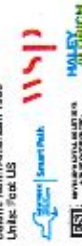


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

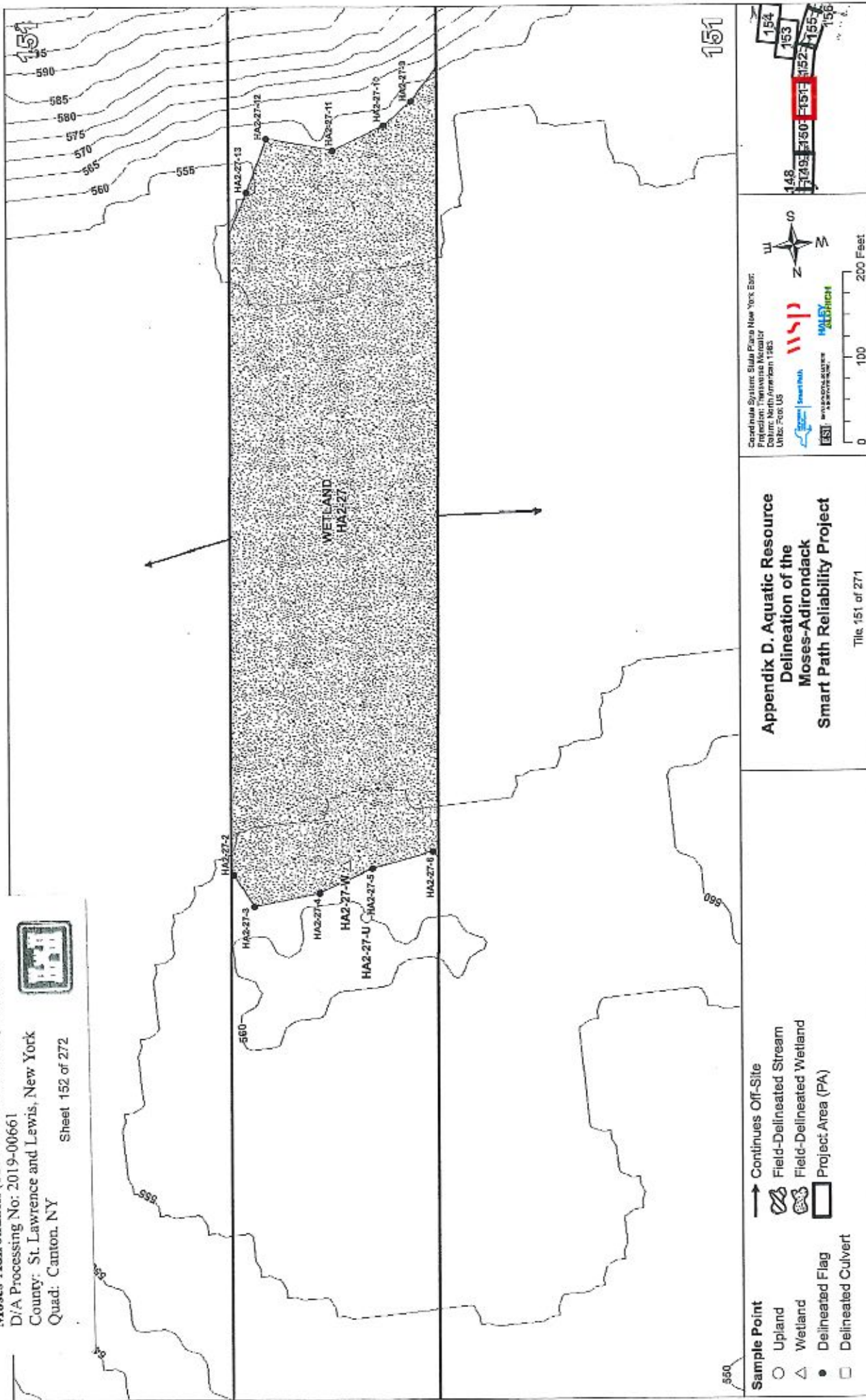
Tile 150 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 PJD

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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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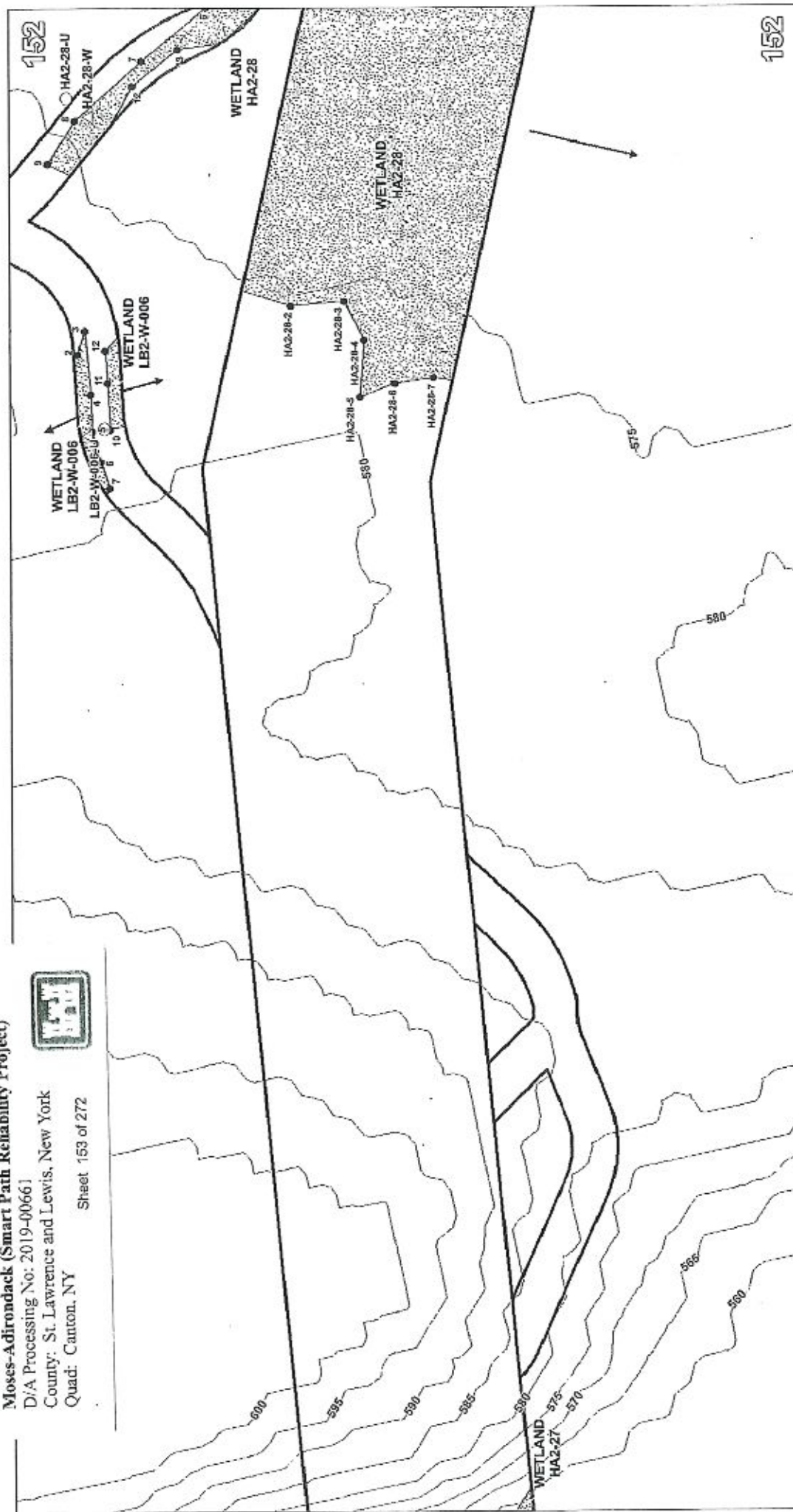
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

ESRI **www.esri.com** **SmartPath** **WSP** **Wetland** **Wetland** **Wetland**

0 100 200 Feet

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

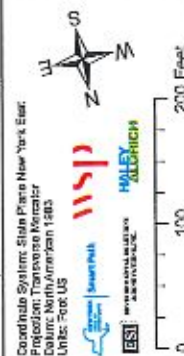
D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
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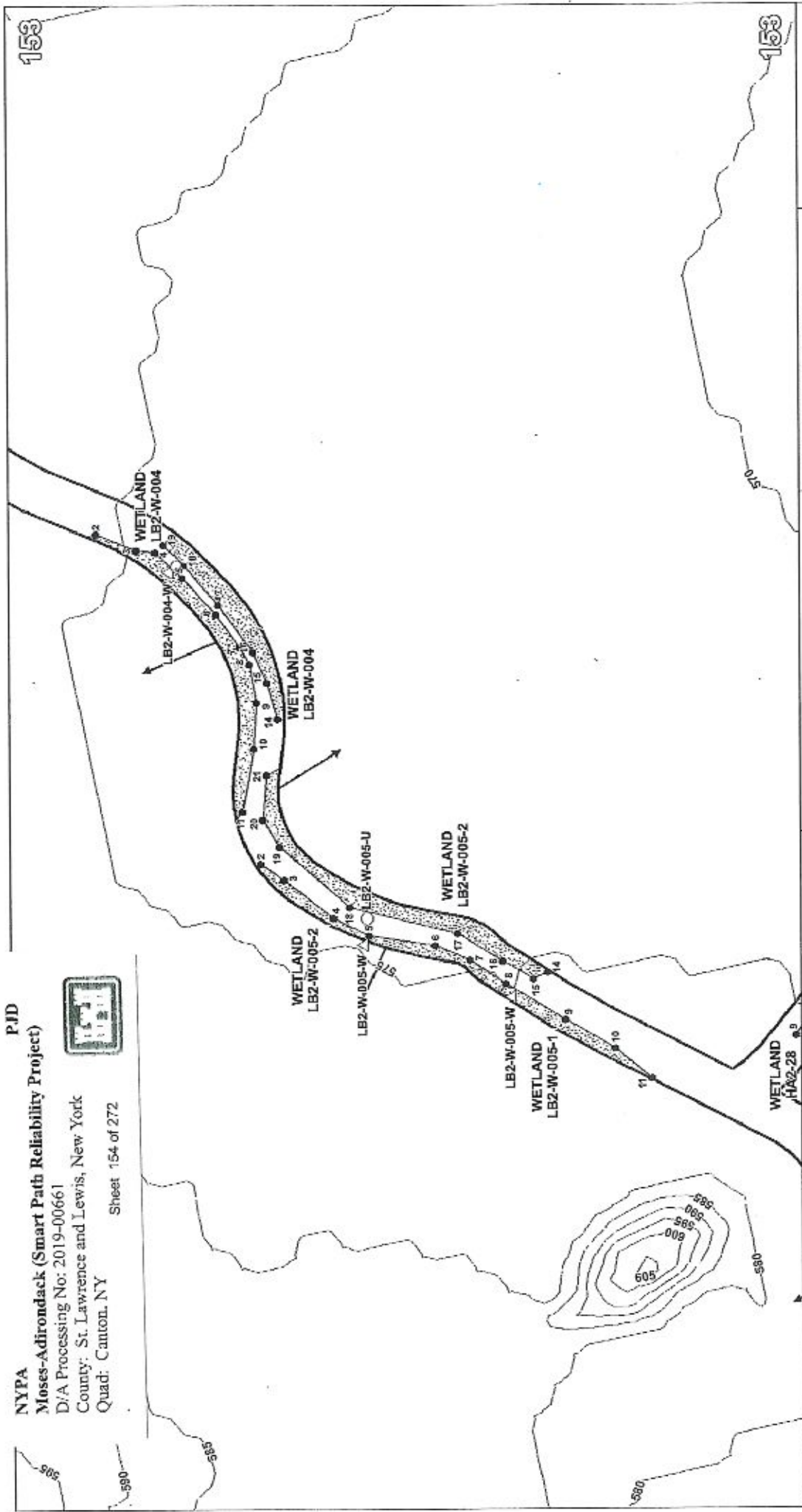
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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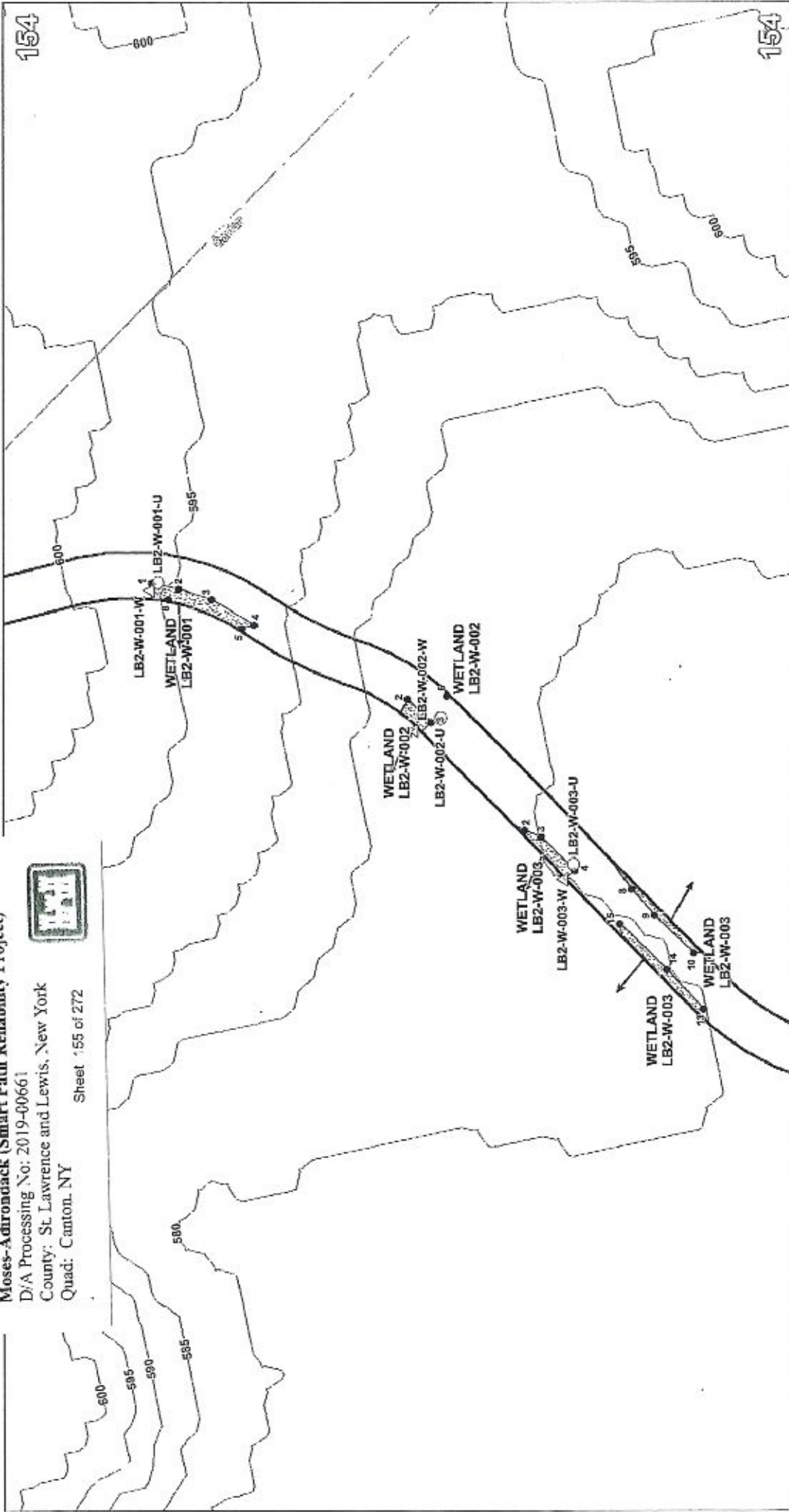
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

153
 154
 152
 151
 150

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- ▨ Field-Delineated Wetland
- ▭ Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

WSP
 WETLAND SPECIALIST
 WETLAND SPECIALIST
 WETLAND SPECIALIST

0 100 200 Feet

NYPA PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

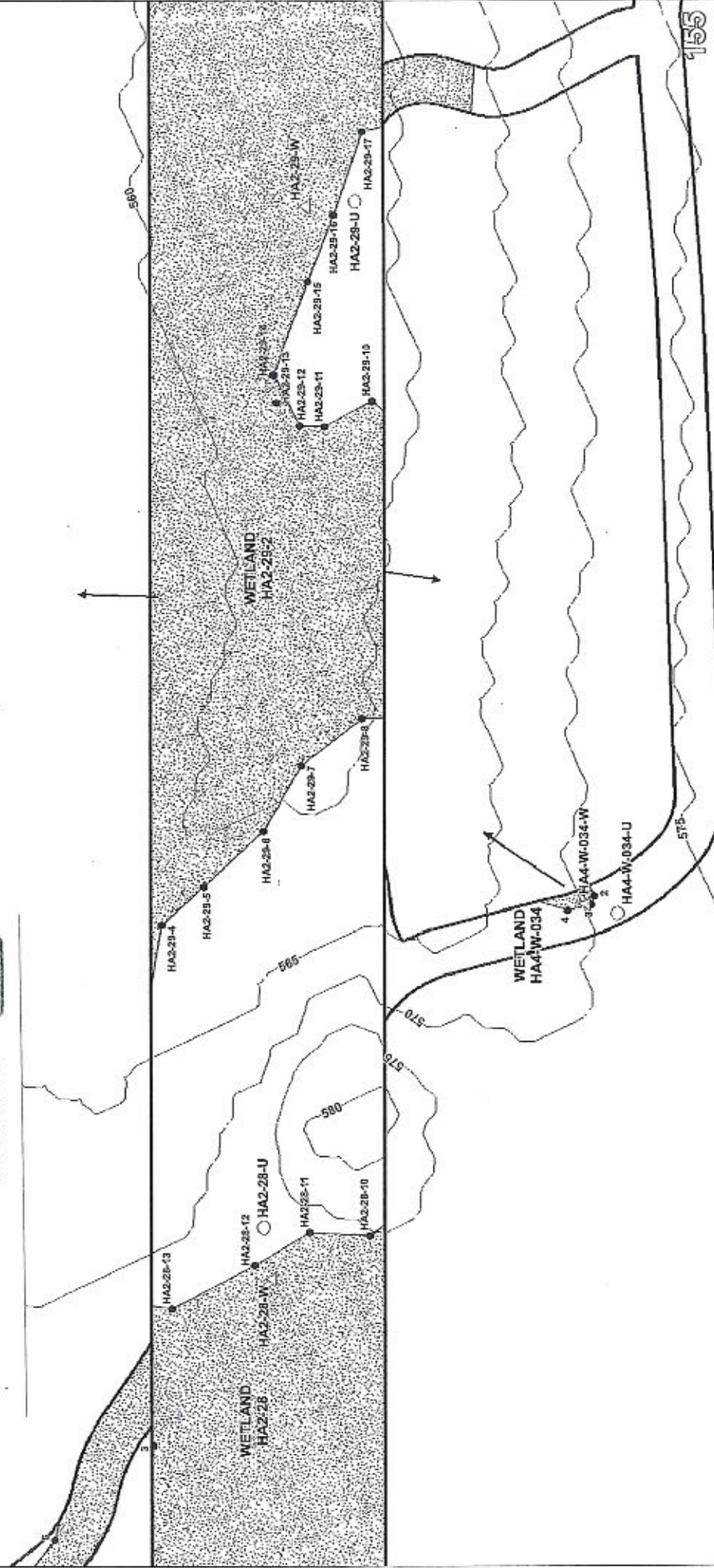
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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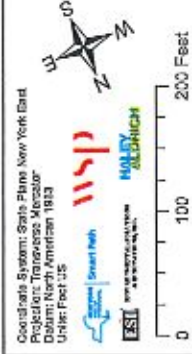
153



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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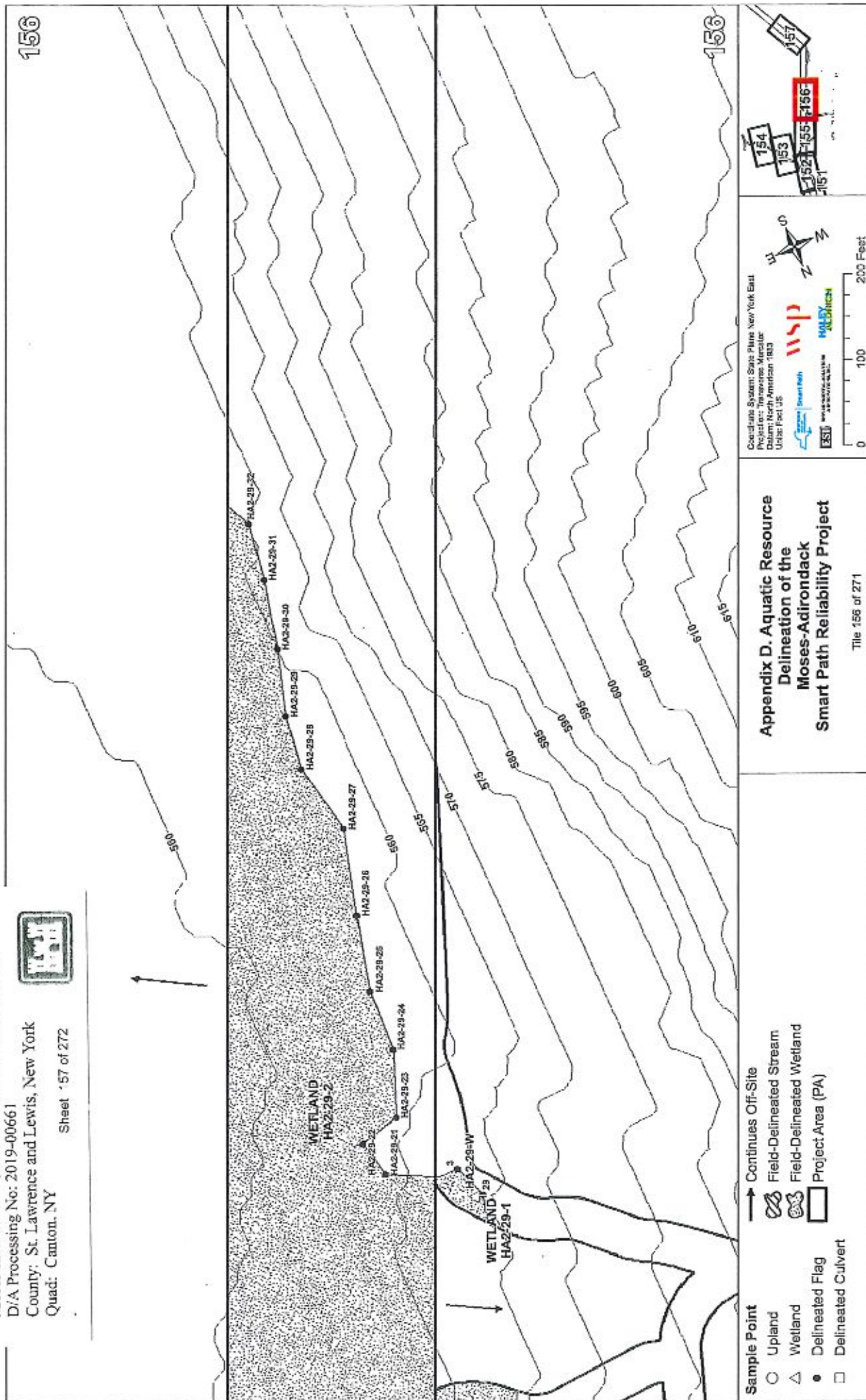
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quadrant: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US

ESRI | Smart Path | WSP | MUSEUM

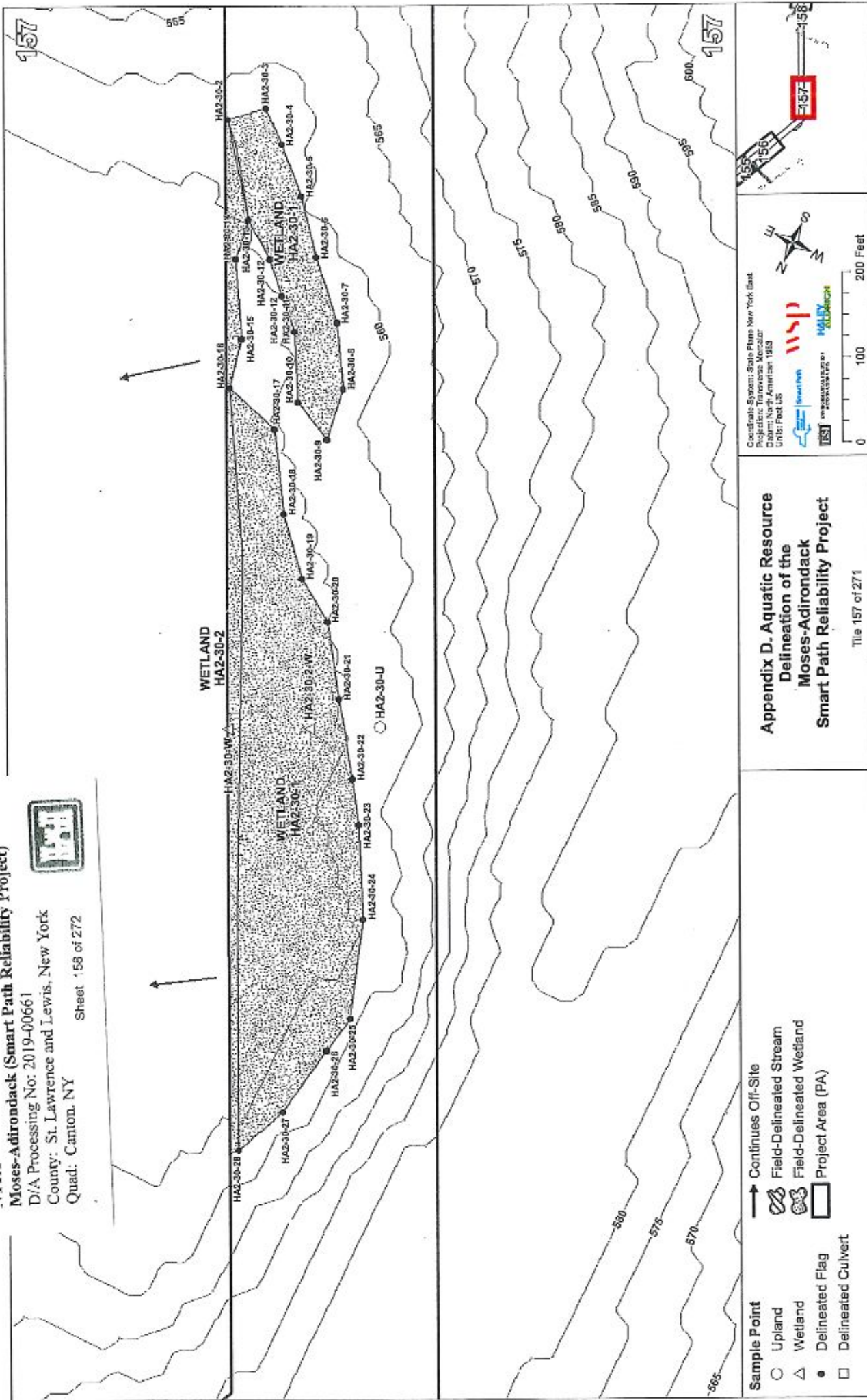
0 100 200 Feet



PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York (East)
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership
Wetland Science Partnership
Wetland Science Partnership

0 100 200 Feet

PJD

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

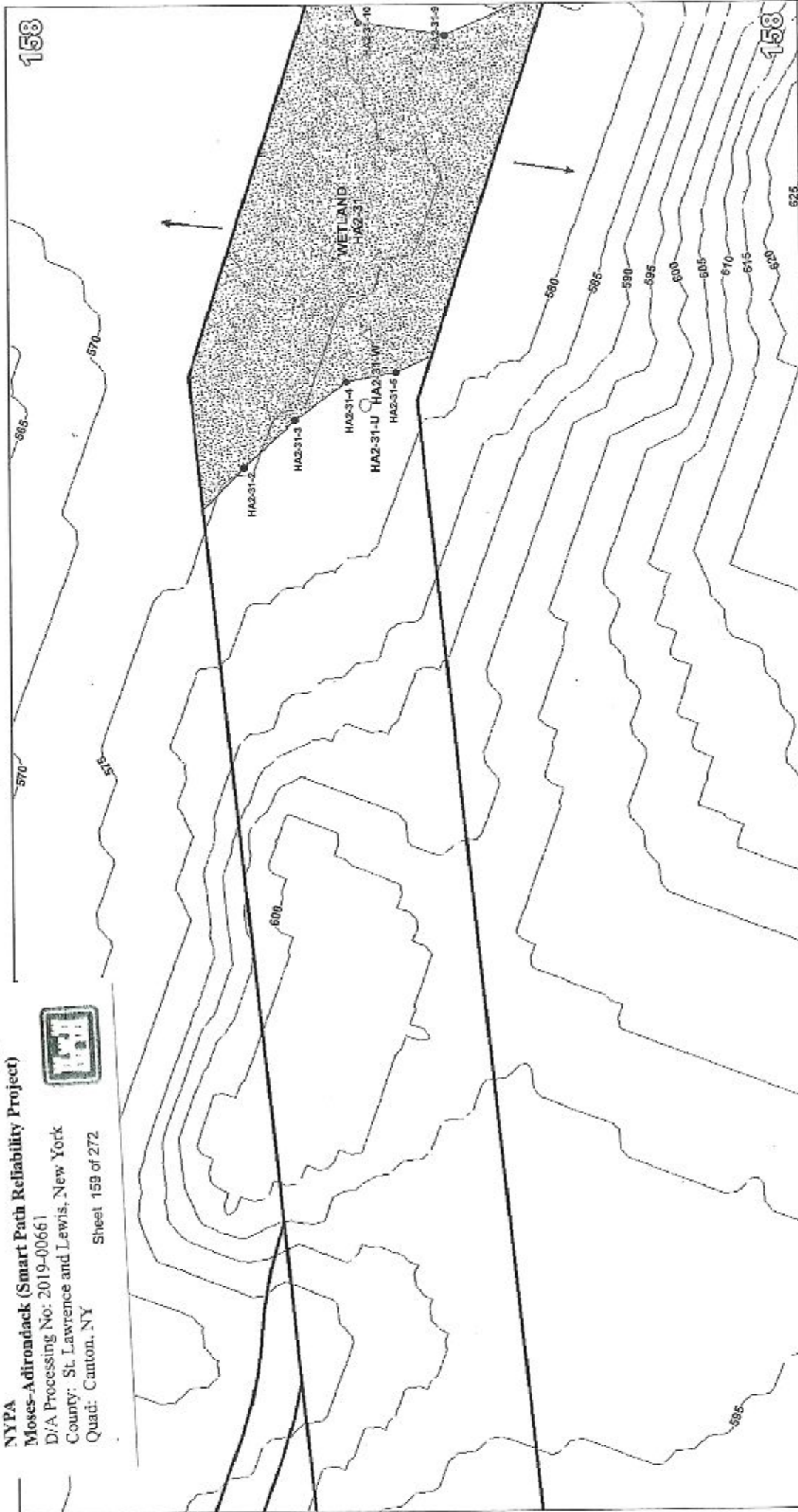
County: St. Lawrence and Lewis, New York

Quadr: Canton, NY

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158

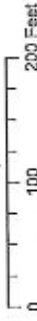
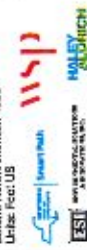


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA

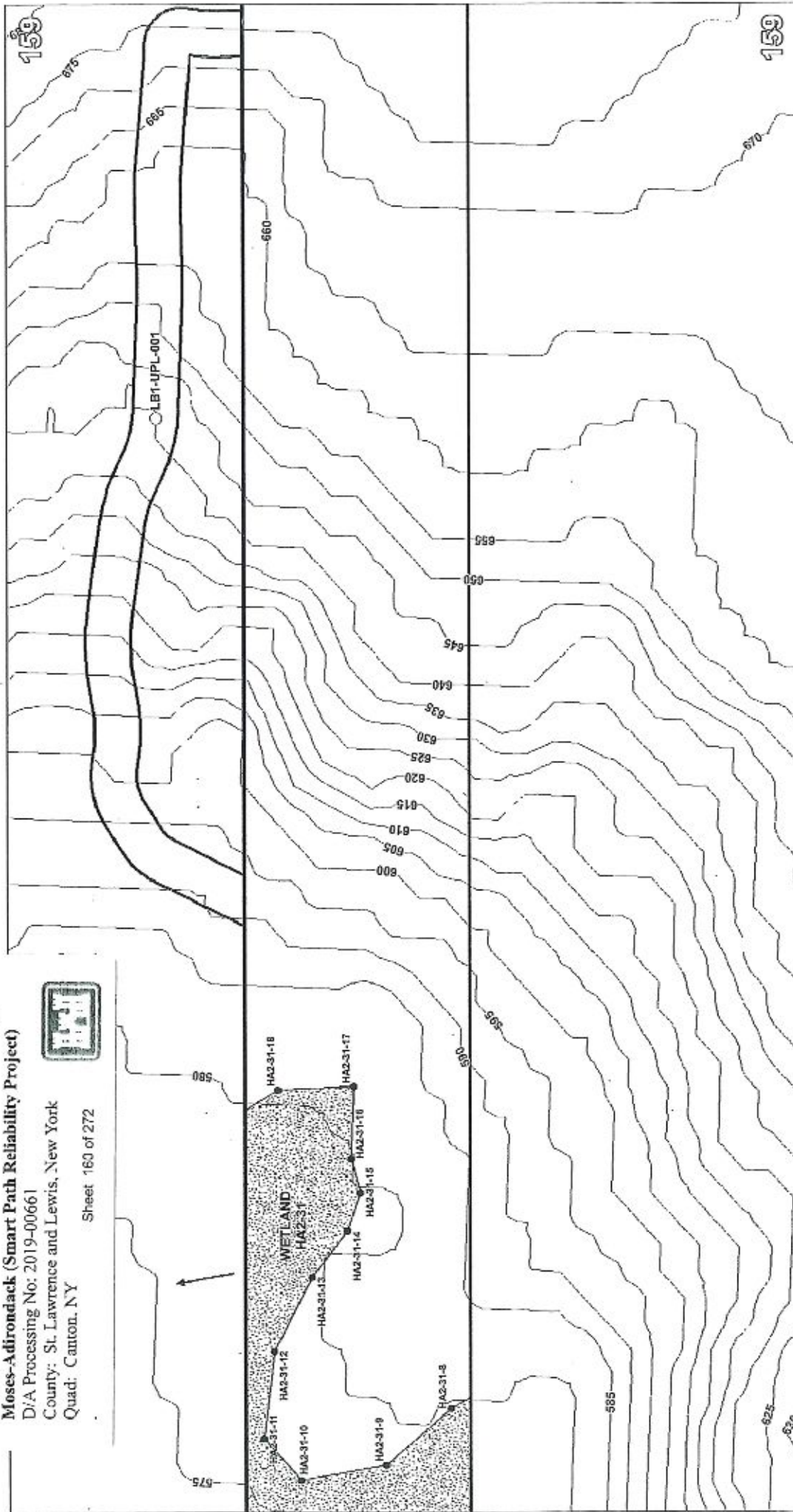
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 160 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 159 of 271

Coordinate System: State Plane New York East
NAD 83
Datum: North American 1983
Unit: Feet US

WSP
Wetland Survey Project

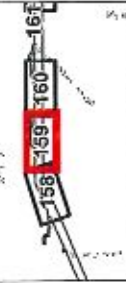
HA2-31
Hudson Valley Aquatic Resource

WSP
Wetland Survey Project

HA2-31
Hudson Valley Aquatic Resource

WSP
Wetland Survey Project

HA2-31
Hudson Valley Aquatic Resource



PJD

**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

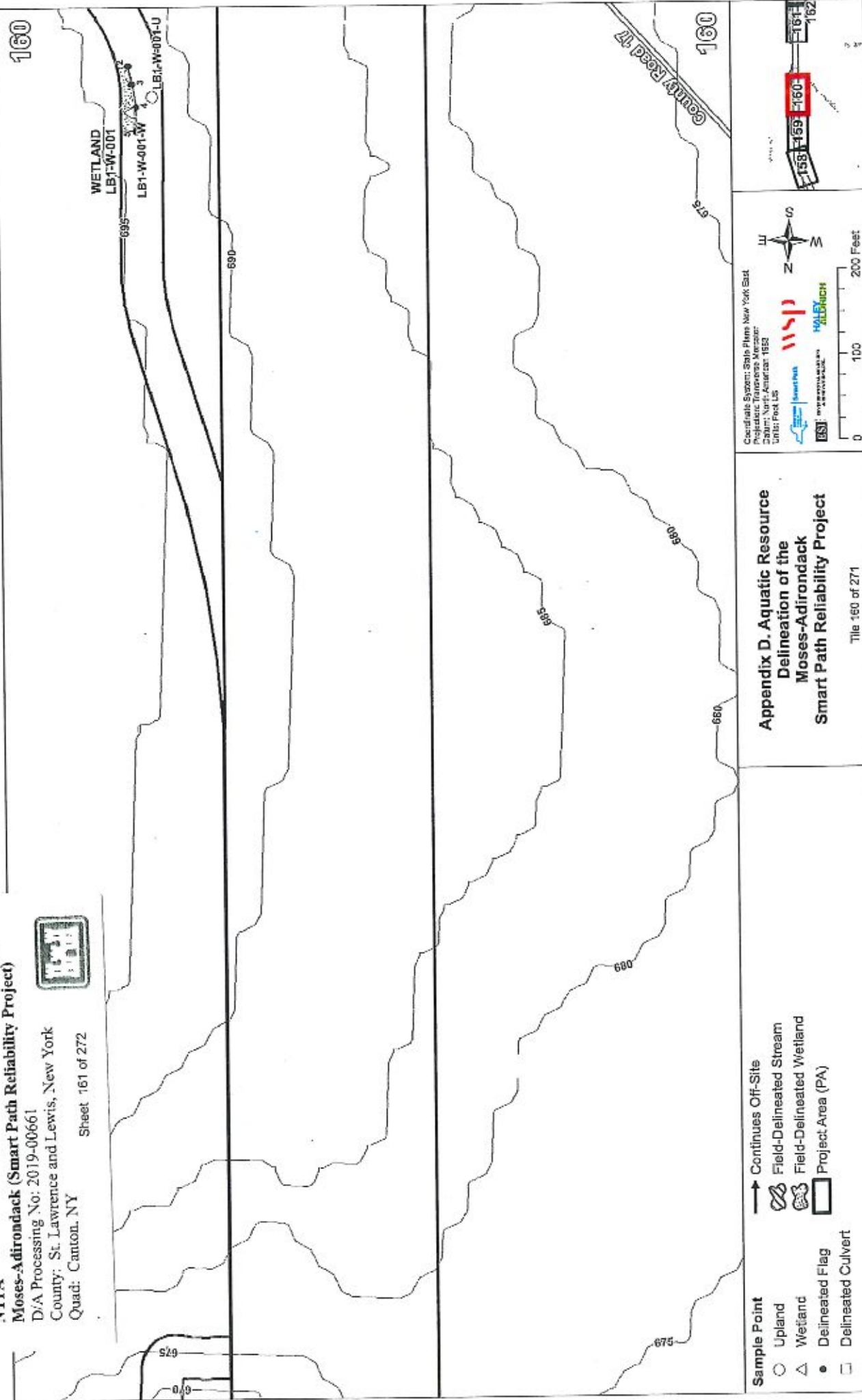
Sheet 161 of 272



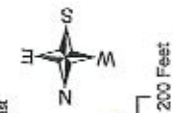
160

WETLAND
LB1-W-001

LB1-W-001-W
LB1-W-001-U



Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

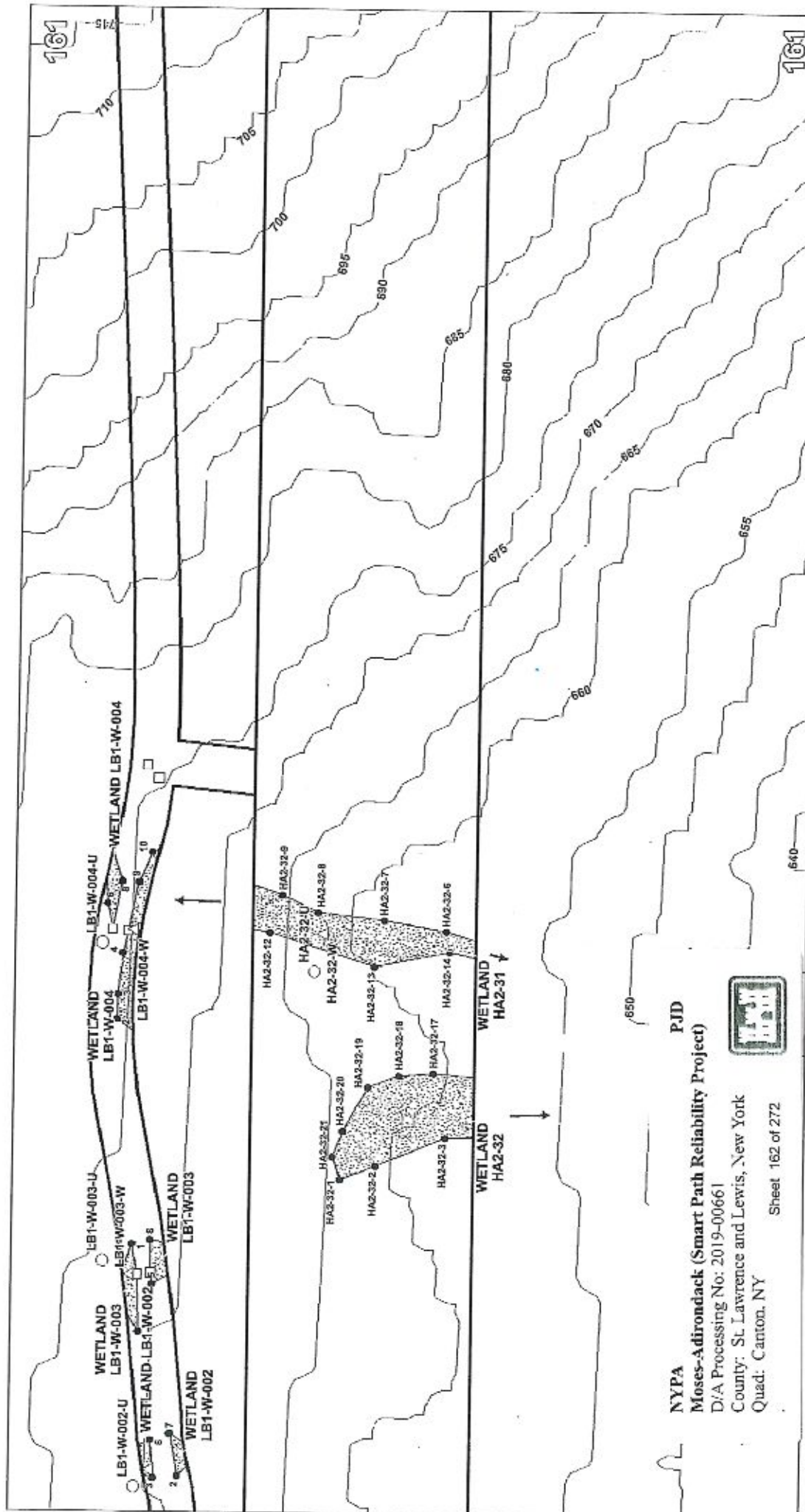


**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 160 of 271

- ↑ Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

- Sample Point**
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

PJD
Smart Path Reliability Project

Sheet 162 of 272

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Foot US

ESRI **WSP** **WALBY**

0 100 200 Feet

160 161 162 163 164

Sample Point

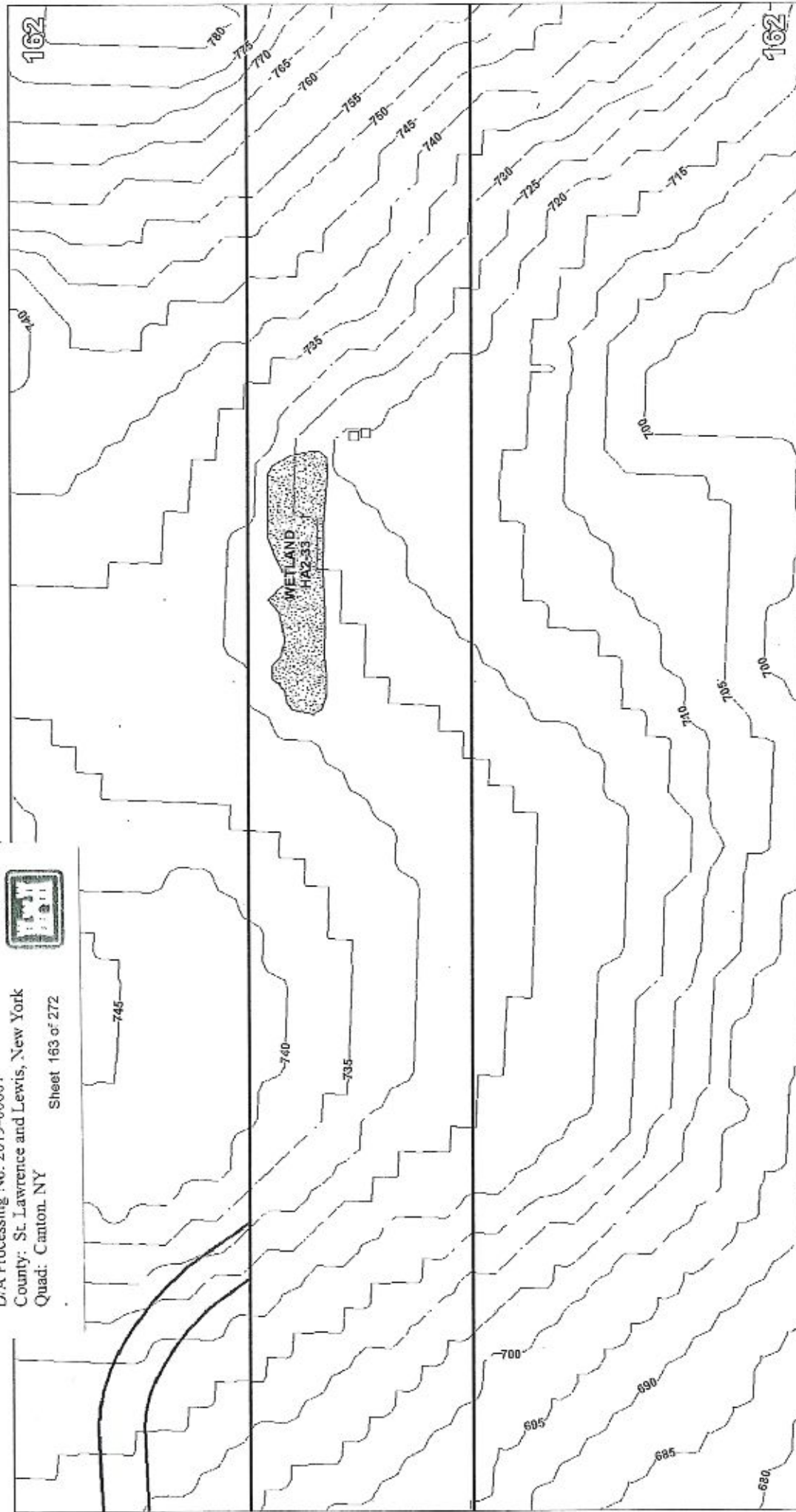
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

→ Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 161 of 271



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 162 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ESRI SmartPath
 WSP
 NYS
 ADIRONDACK



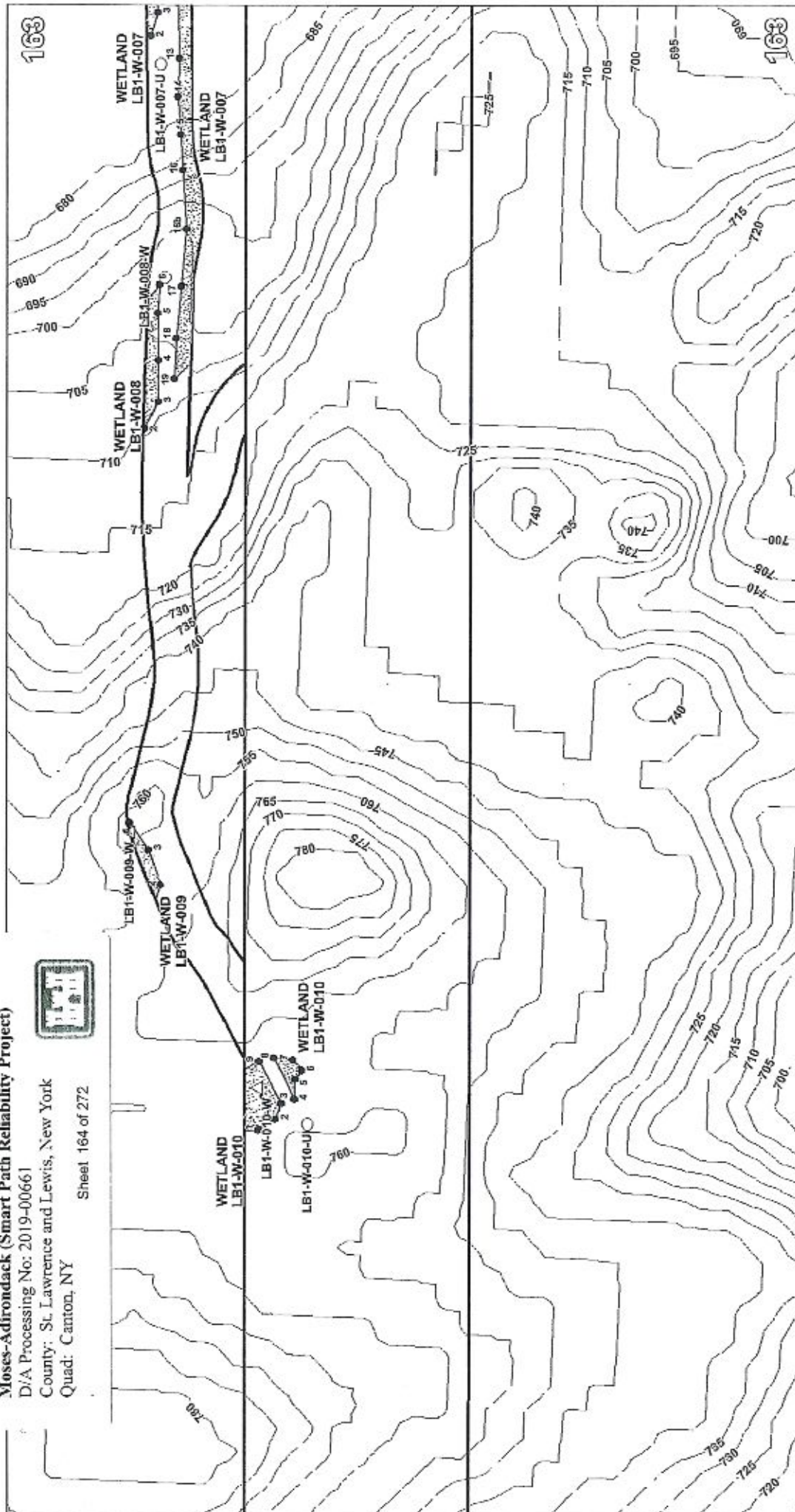
200 Feet



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

Sheet 164 of 272

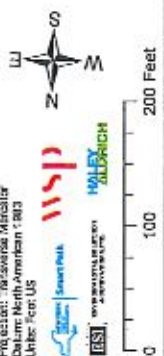


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

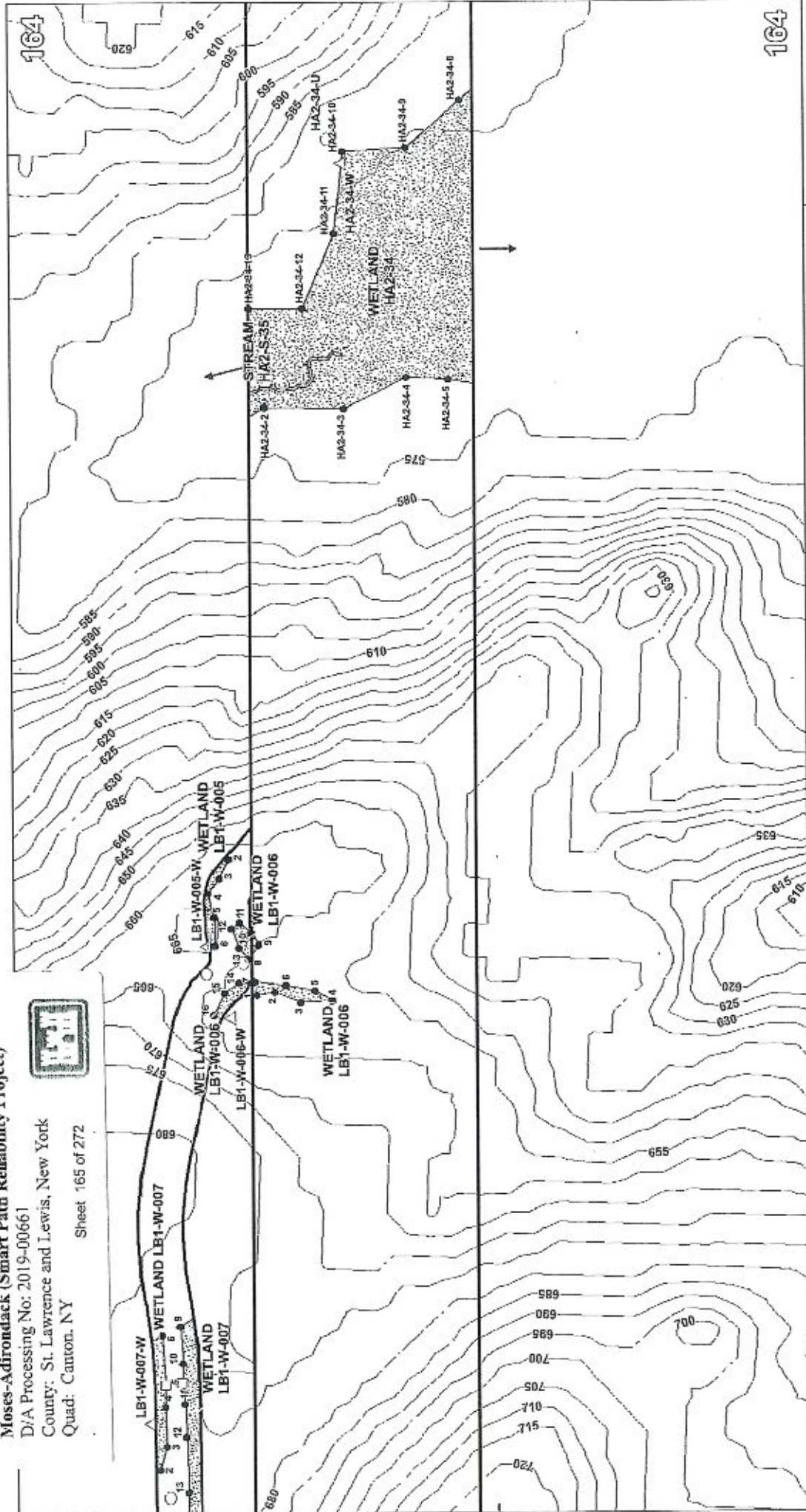
Title 163 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 165 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▬ Field-Delineated Stream
 - ▬ Field-Delineated Wetland
 - ▬ Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

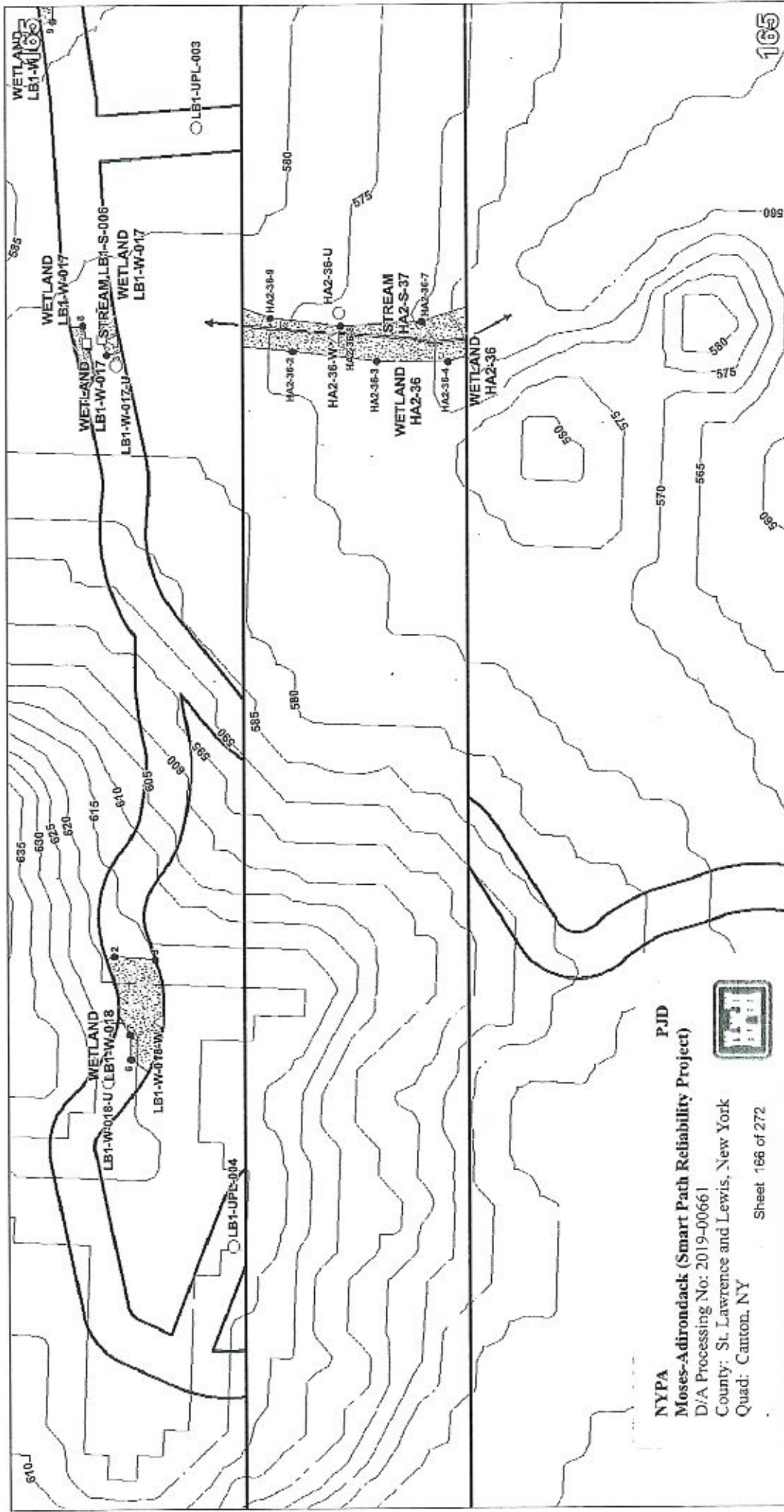
Title 164 of 271

Coordinate System: State Plane New York East
 Datum: North American 1983
 Units: Feet US

wsp
 WSP
 WSP

0 100 200 Feet

162 163 164 165 166 167 168



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

Sheet 166 of 272

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

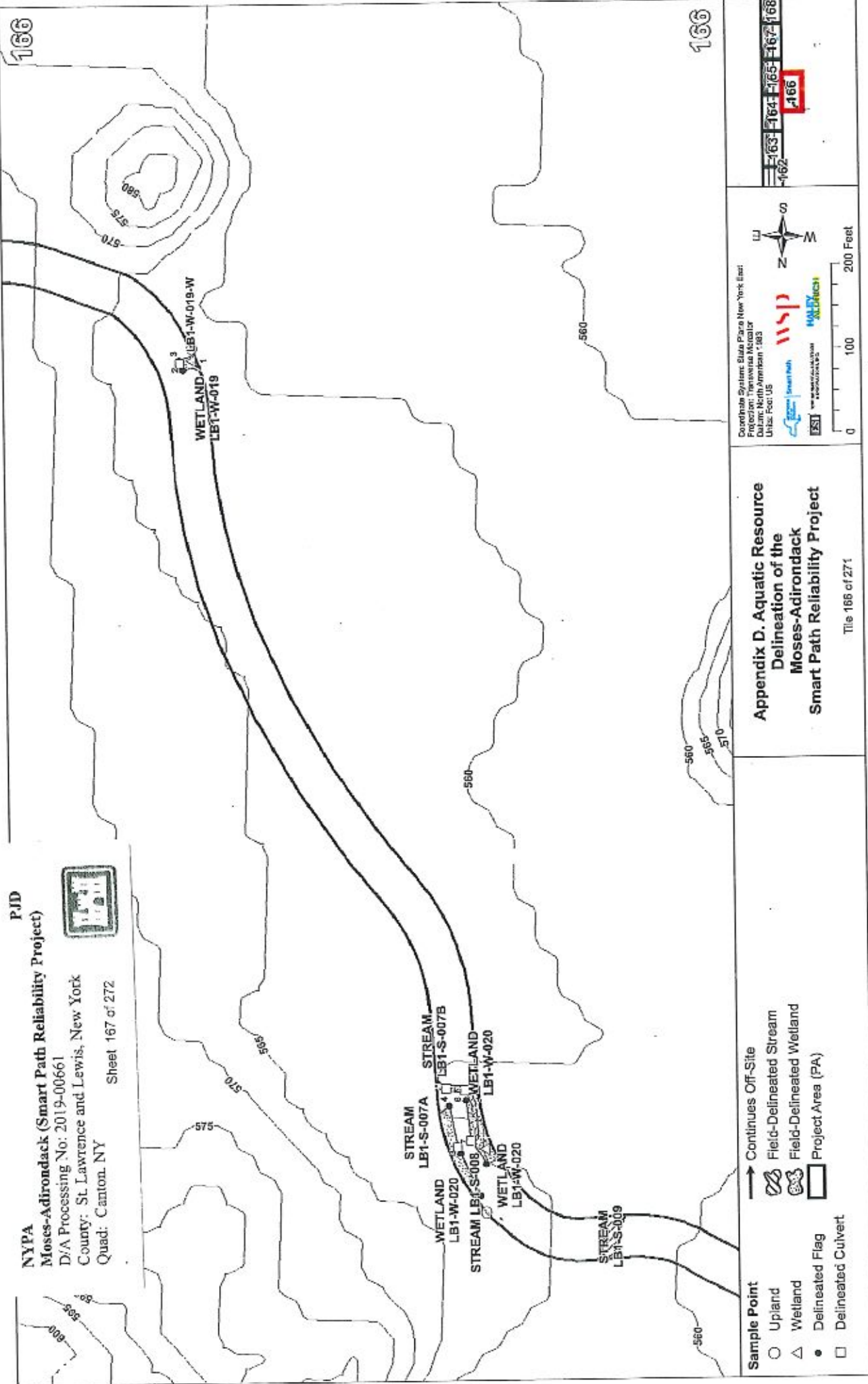
Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

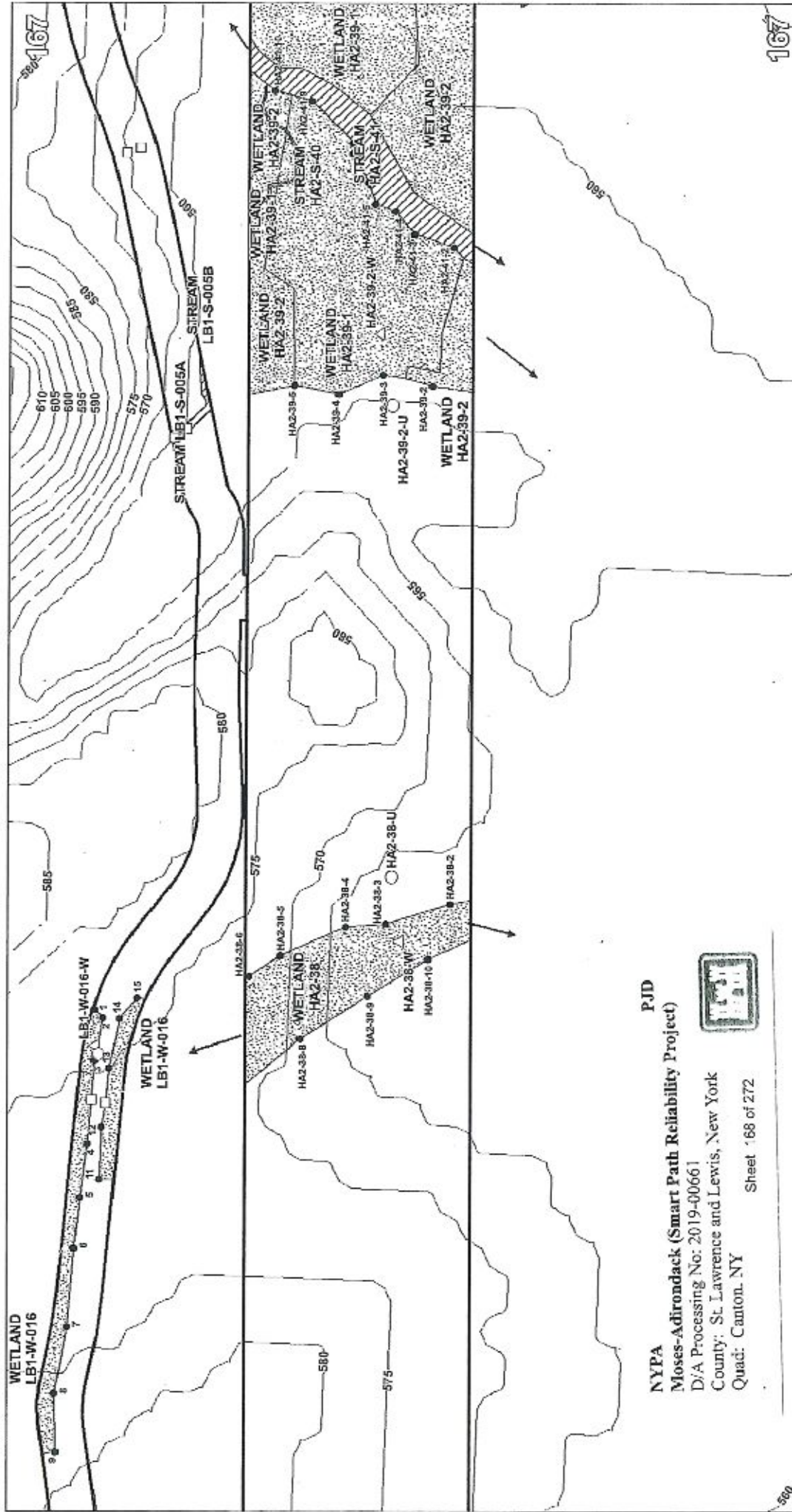
Tile 166 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 ESRI
 0 100 200 Feet







NYPA PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 168 of 272



Sample Point

- Upland
- Wetland
- Delineated Flag
- Delineated Culvert

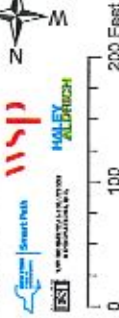
Continues Off-Site

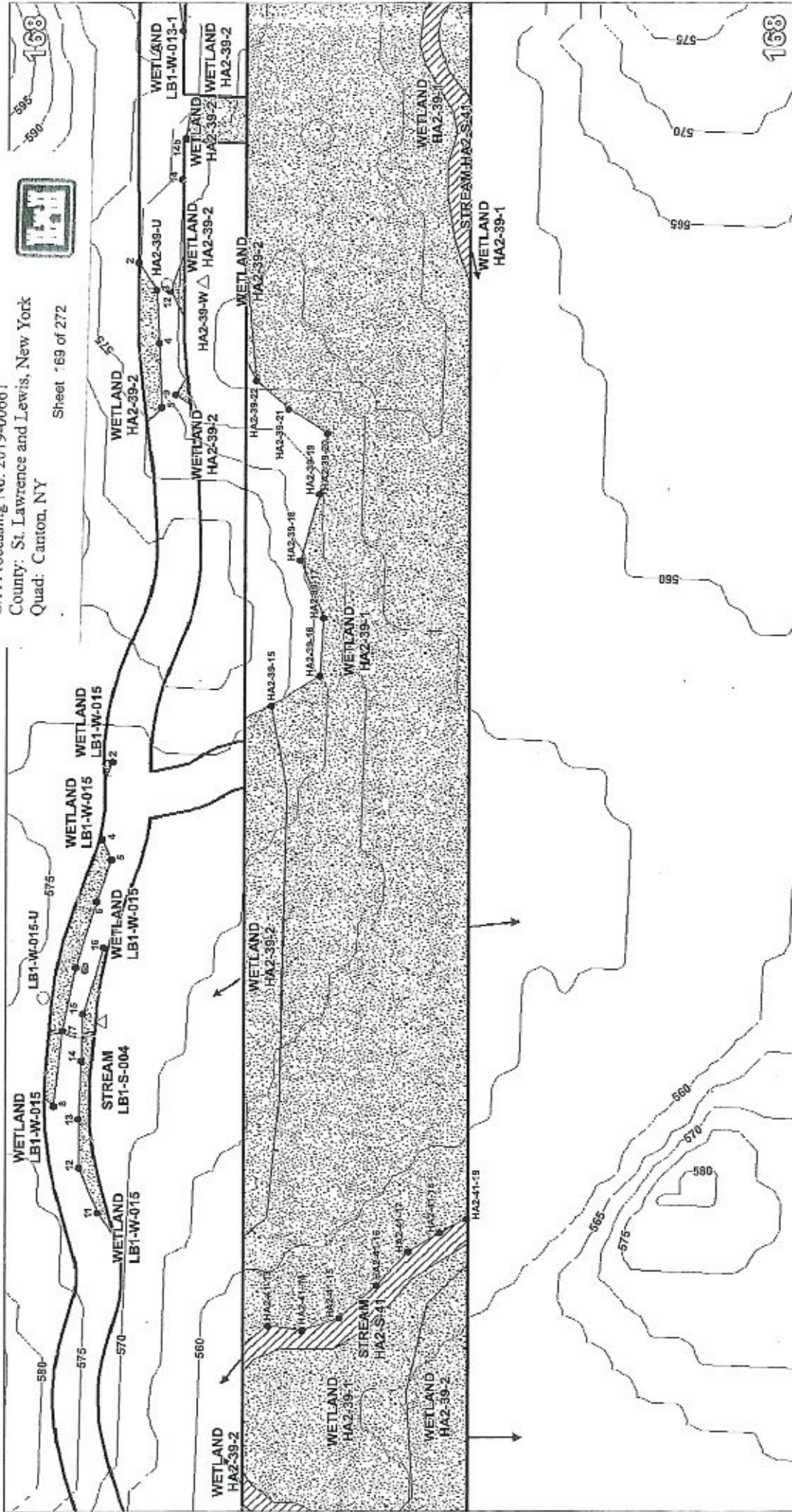
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 167 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US





- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 169 of 271

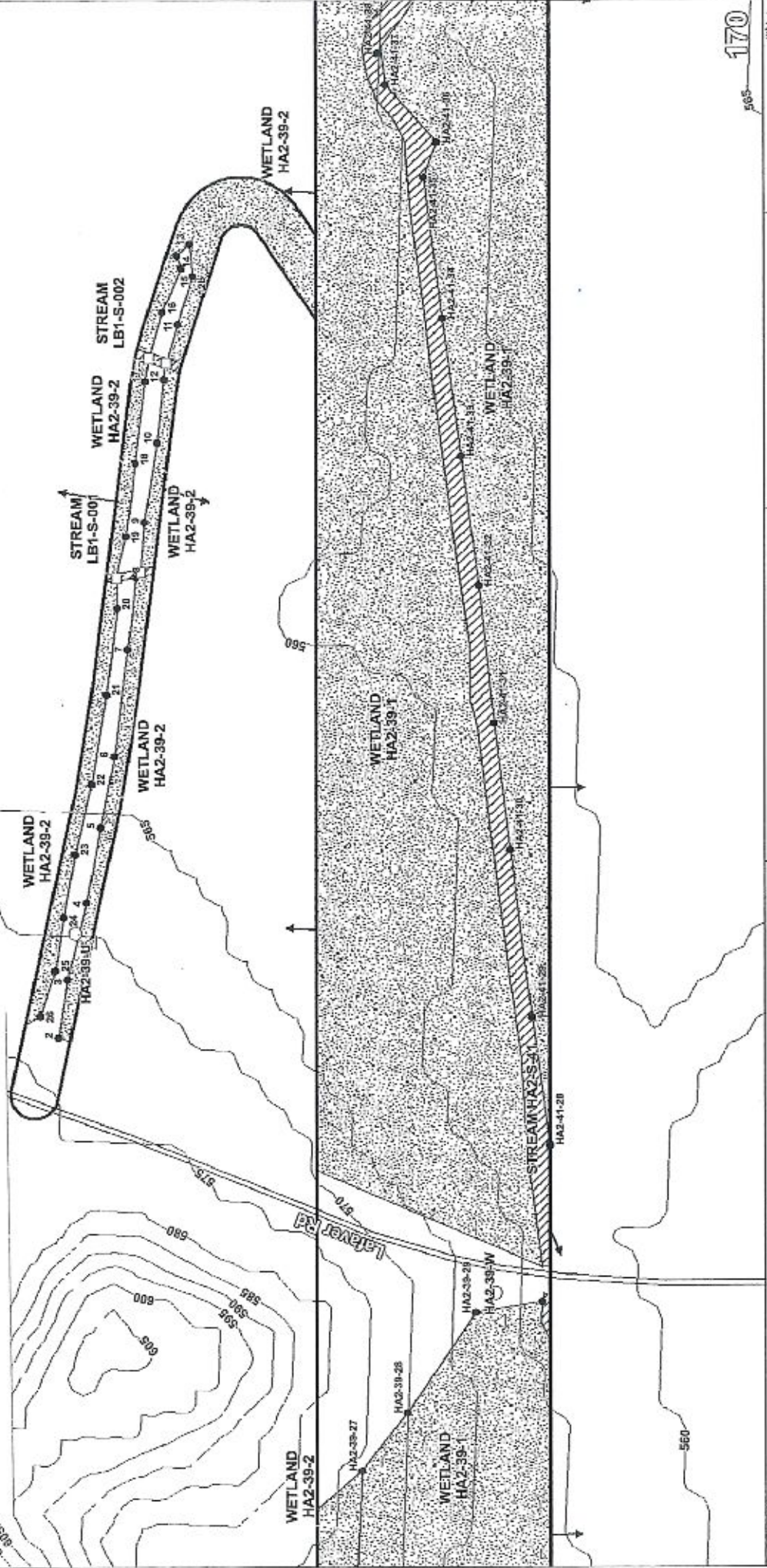
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet





170



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 170 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

wsp
 HALEY
 ALLEN
 & ASSOCIATES
 INC.

0 100 200 Feet

167 168 169 170 171 172 173

170

NYPA

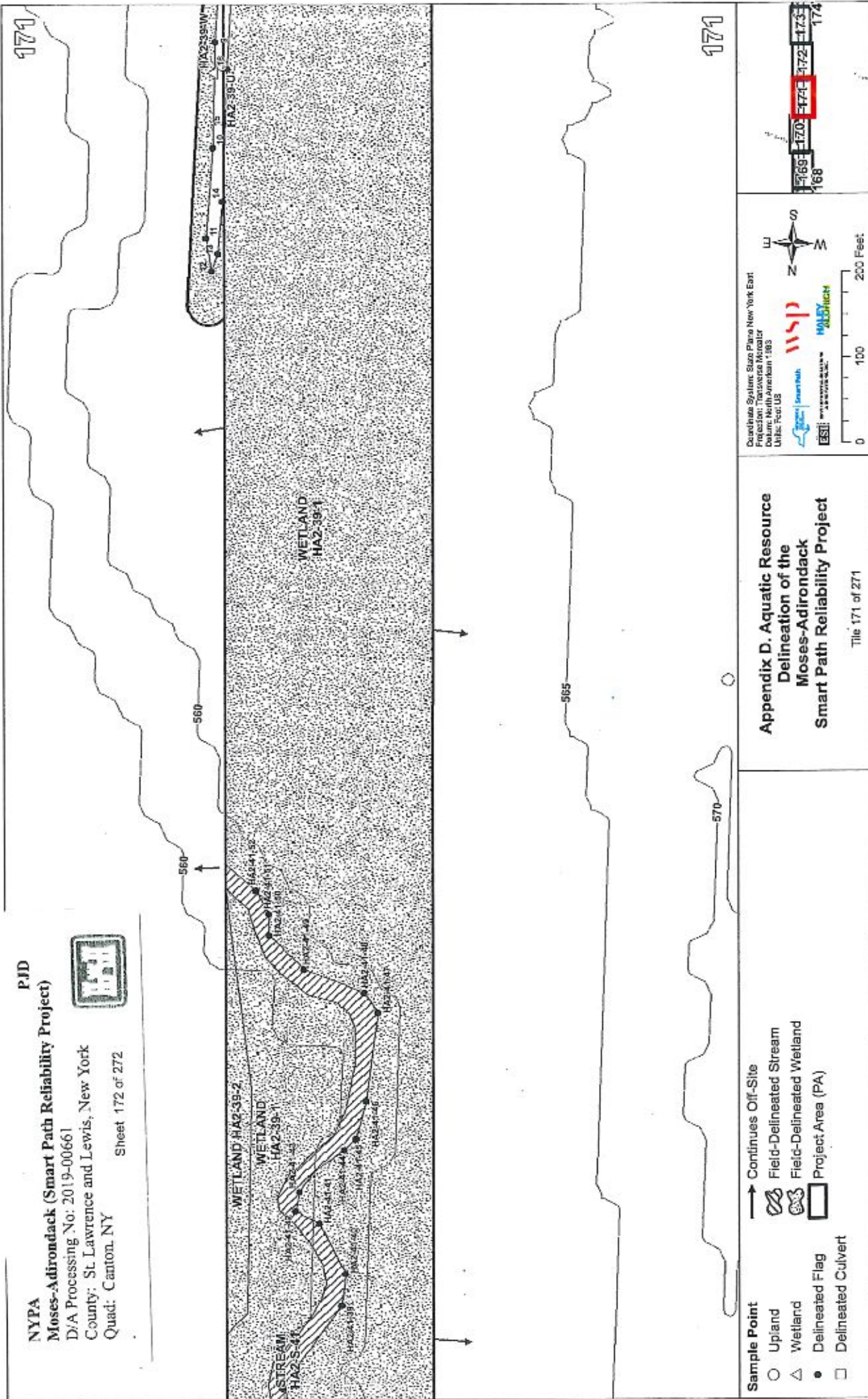
**NIFA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
△ Wetland
● Delineated
□ Delineated

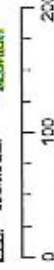
→ Continues Off-Site

- Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 171 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983



NYPA
Moses-Adirondack (Smart Path Reliability Project)

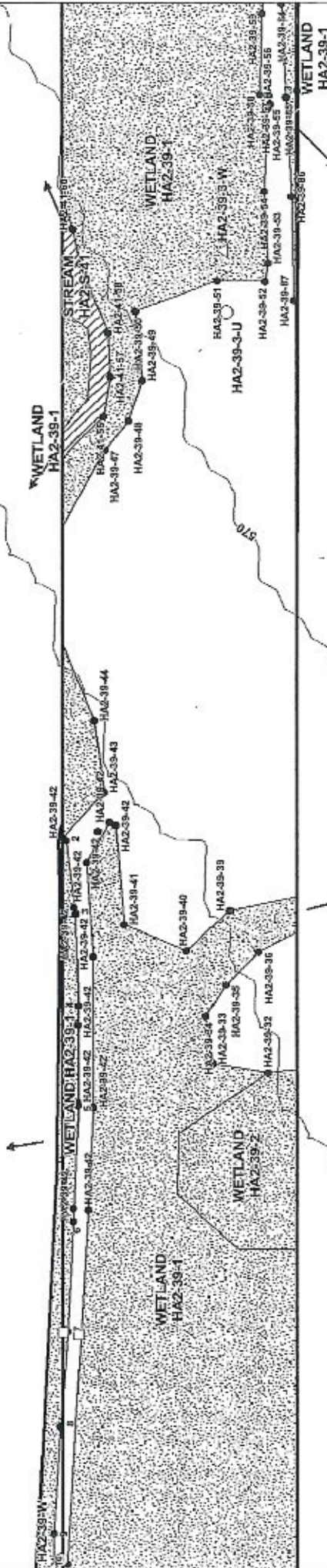
D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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172

-560



-565

575

172

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 172 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

wsp

MALEY

MALEY

0 100 200 Feet

169 170 171 172 173 174 175

NYPA PJD

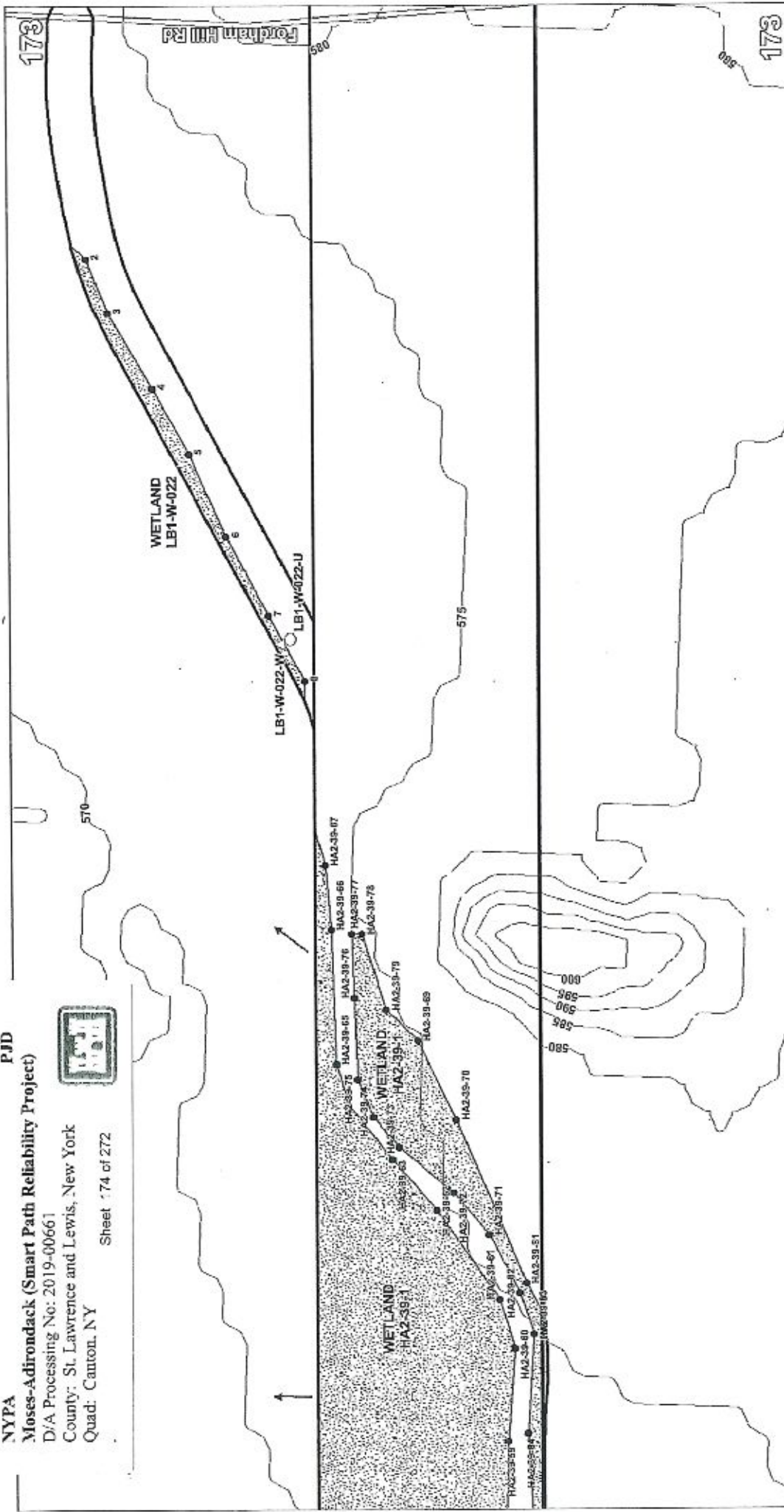
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 174 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

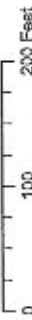
Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 173 of 271

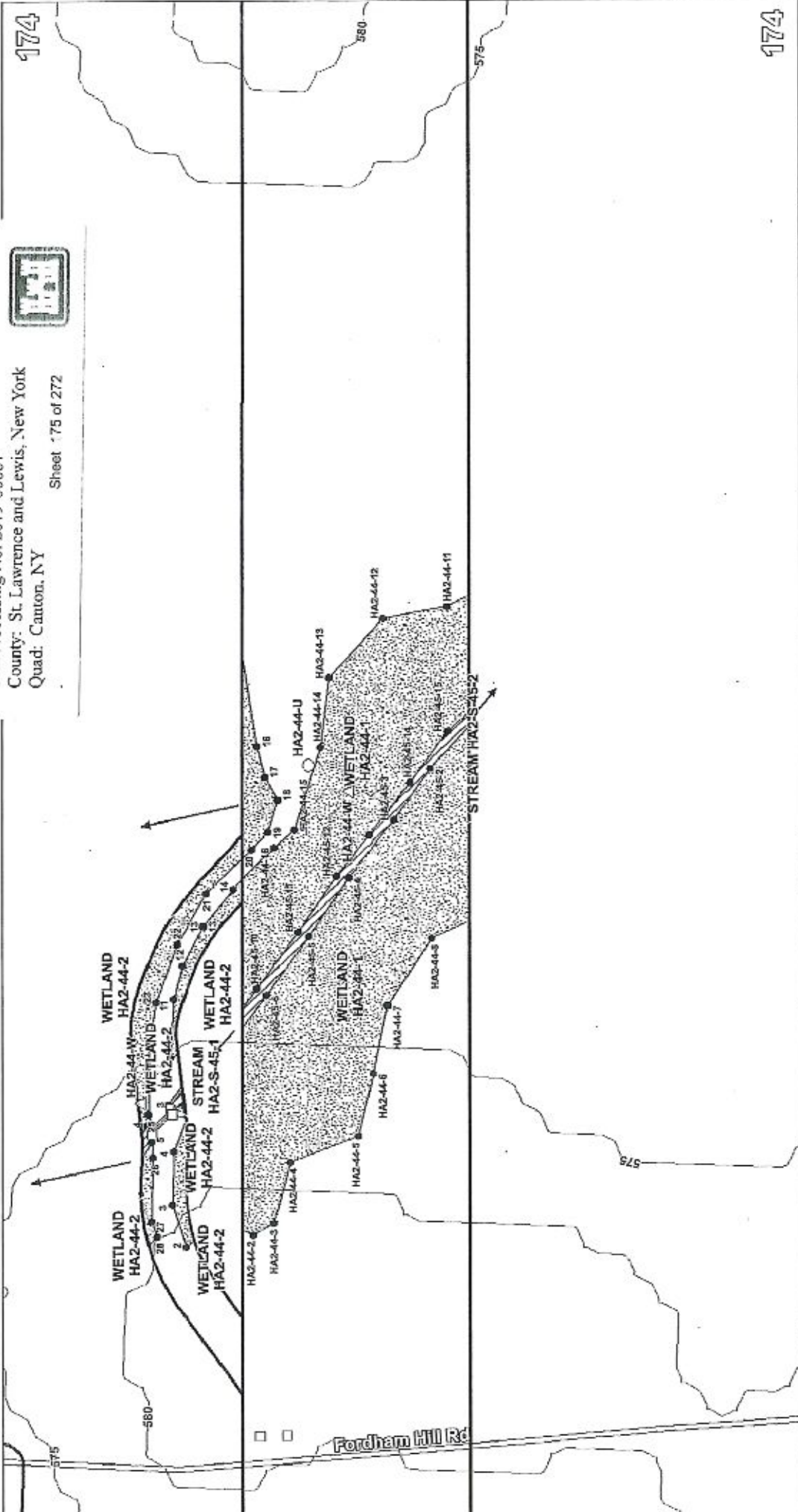
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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174



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
 [Symbol] Field-Delineated Stream
 [Symbol] Field-Delineated Wetland
 [Symbol] Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 174 of 271

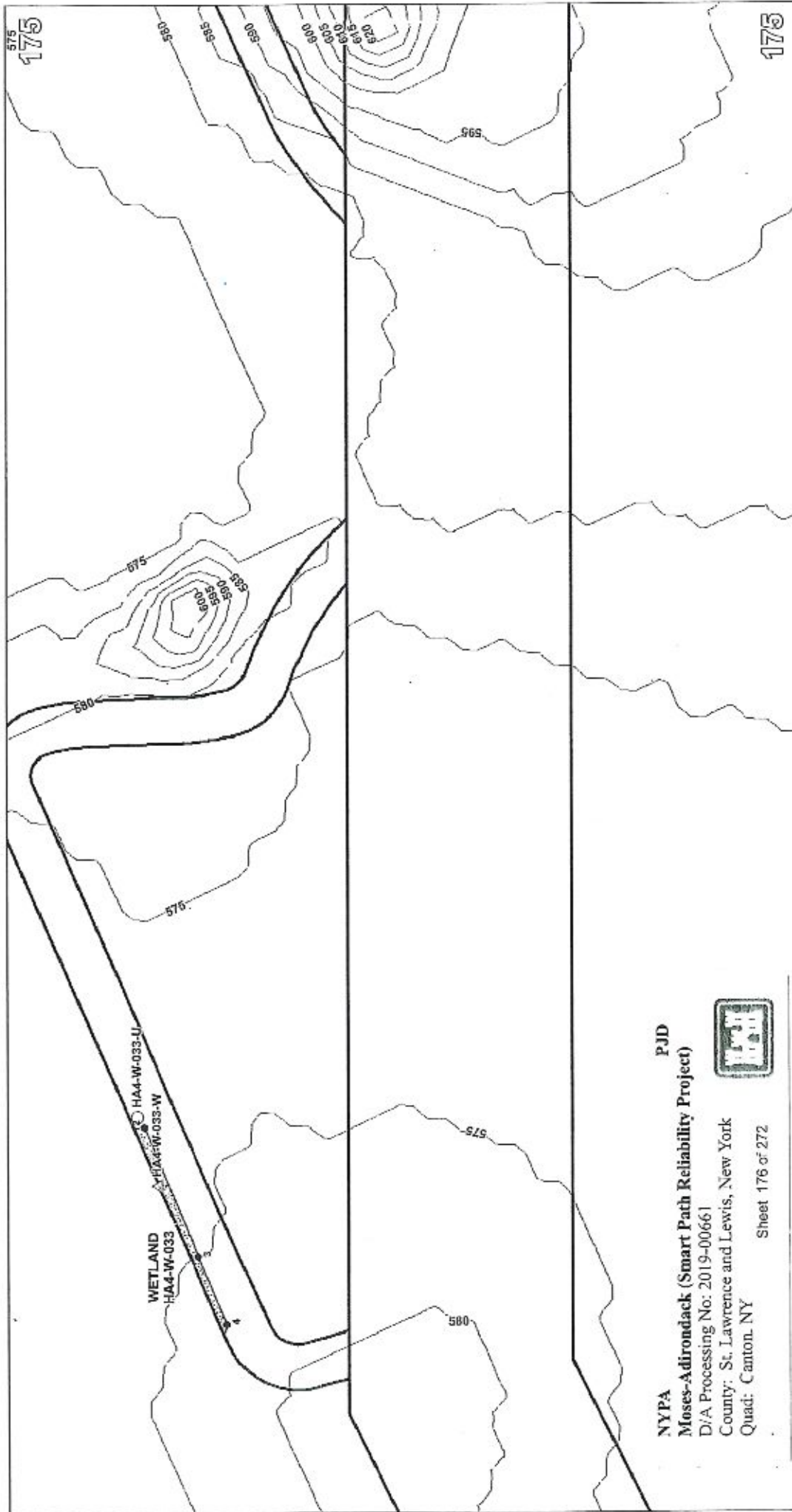
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 HOLEY
 WOODHOLM

0 100 200 Feet

171 172 173 174 175 176

174



NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 175 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

WSP
HALEY
ADIRONDACK

Scale: 0 100 200 Feet

North Arrow



NYPA

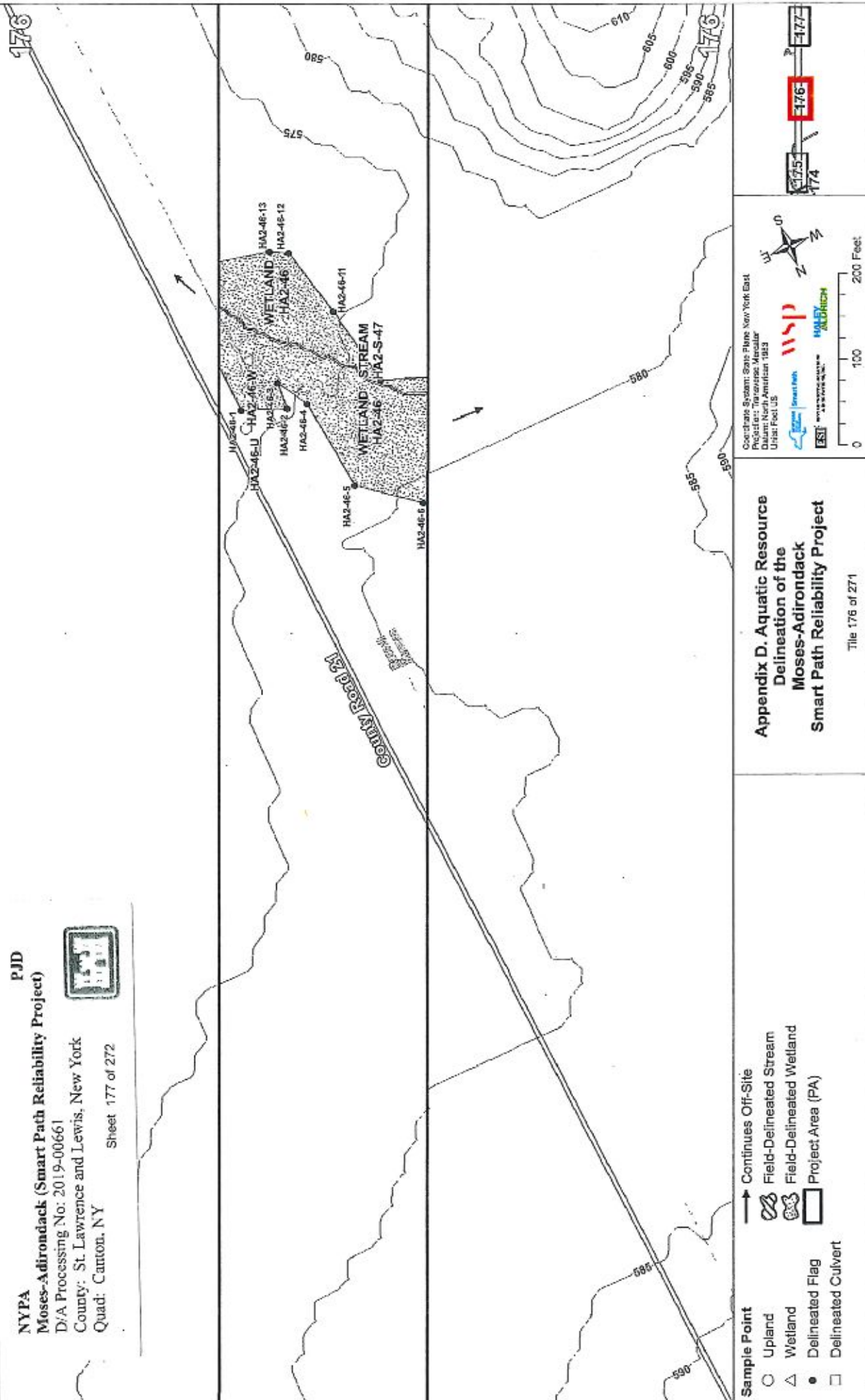
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 177 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 176 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

WSP
 WATSON SCIENTIFIC PARTNERSHIP

MALEY
 MALEY & ASSOCIATES

ESRI
 ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE

0 100 200 Feet

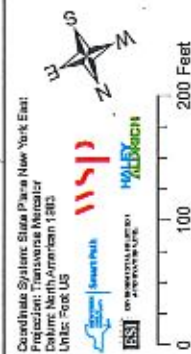
174 175 176 177

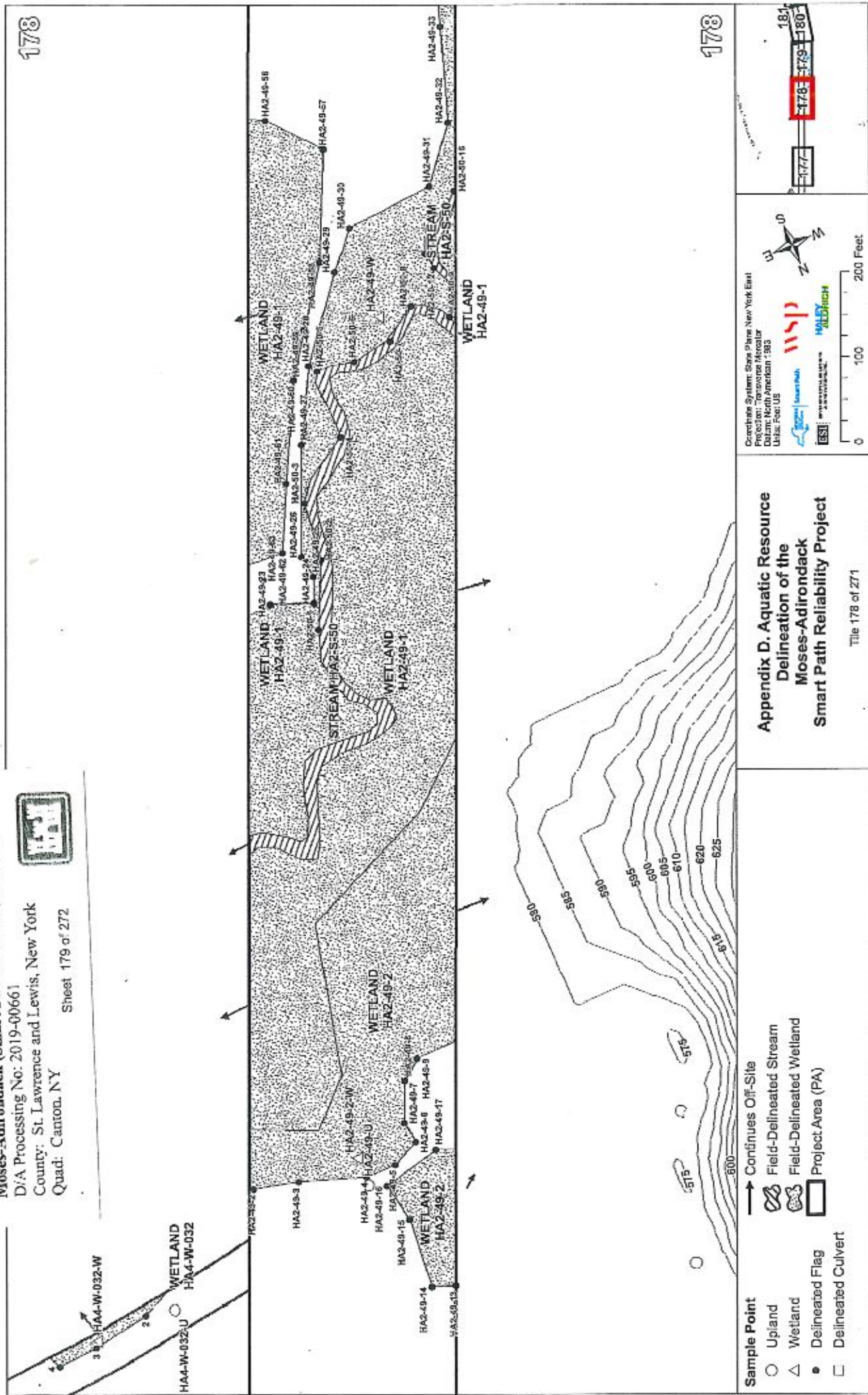


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Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

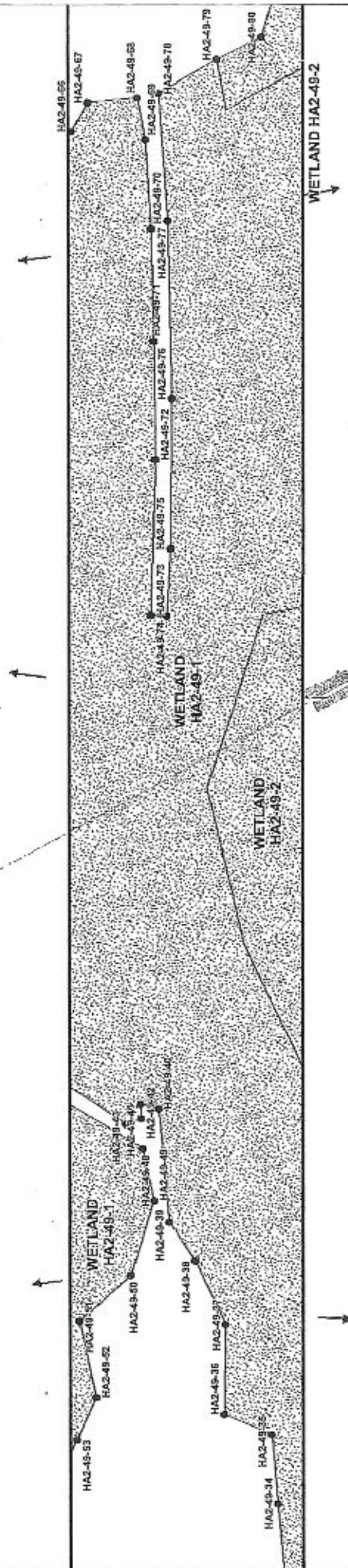
County: St. Lawrence and Lewis, New York

Quadrant: Canton, NY

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179



1

179

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

File 179 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983

Units: Foot US

11

 Smart Push

1. **Introduction**

ACQUISITION
 "We are purchasing a
 building for our new
 facility." **IST**

100

Age Group	Number of People
18-24	~10
25-34	~20
35-44	~30
45-54	~40
55-64	~50
65-74	~100
75+	~150

[illegible]

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

↑ Continues Off-Site

 Field-Delineated Stream

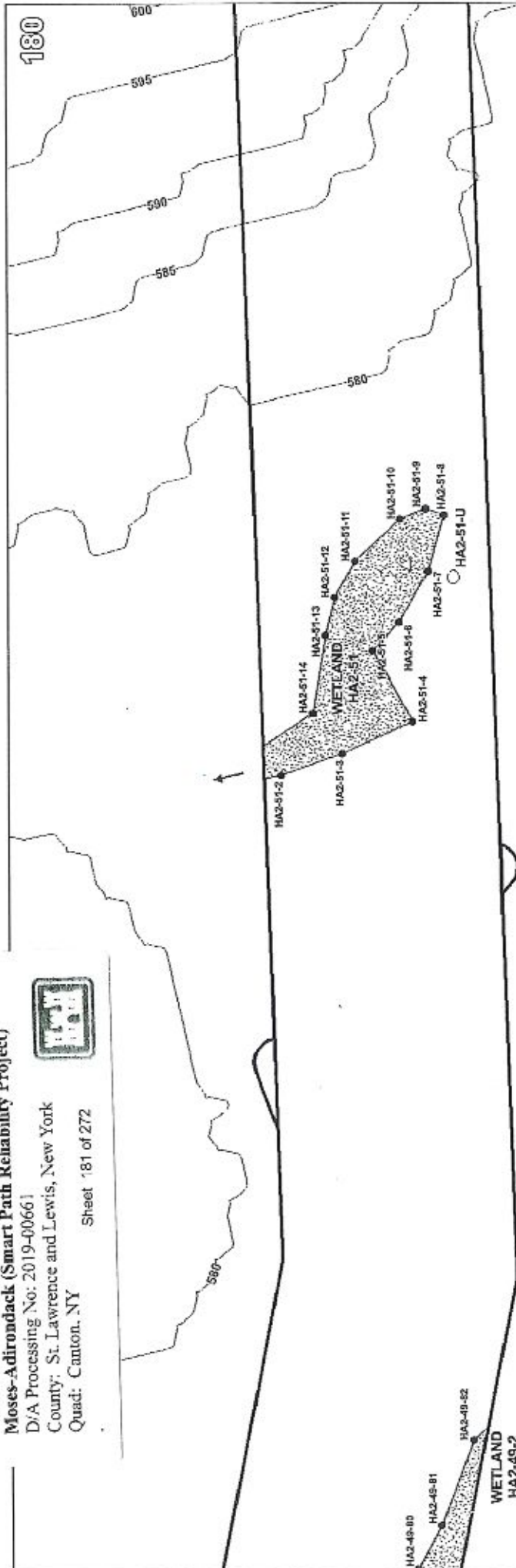
 Field-Delineated Wetland

 Project Area (PA)



NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 180 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 WATERSHED SERVICES
 WATERSHED SERVICES

0 100 200 Feet

North Arrow



180

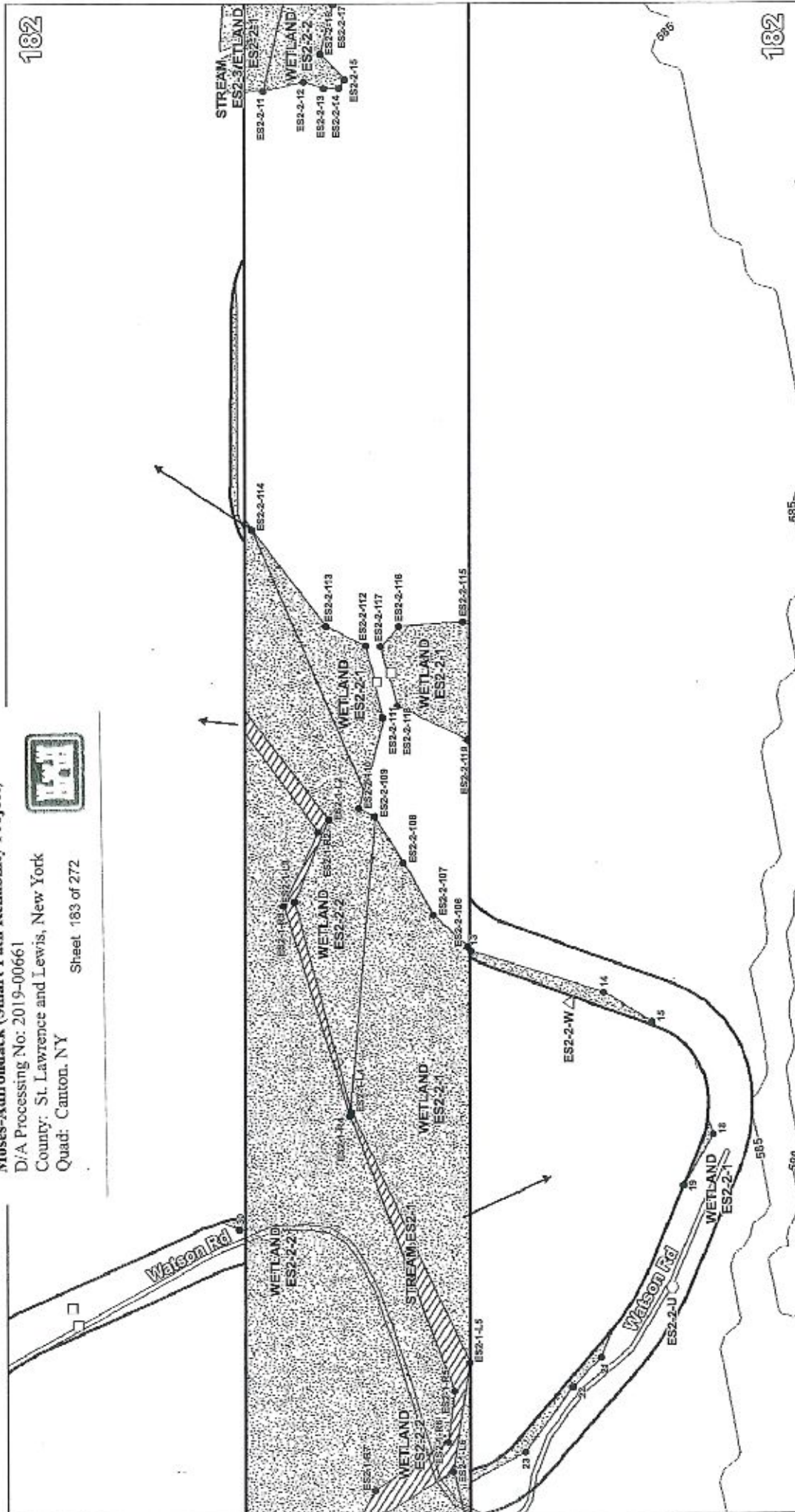
180

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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182



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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182

NYPA PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

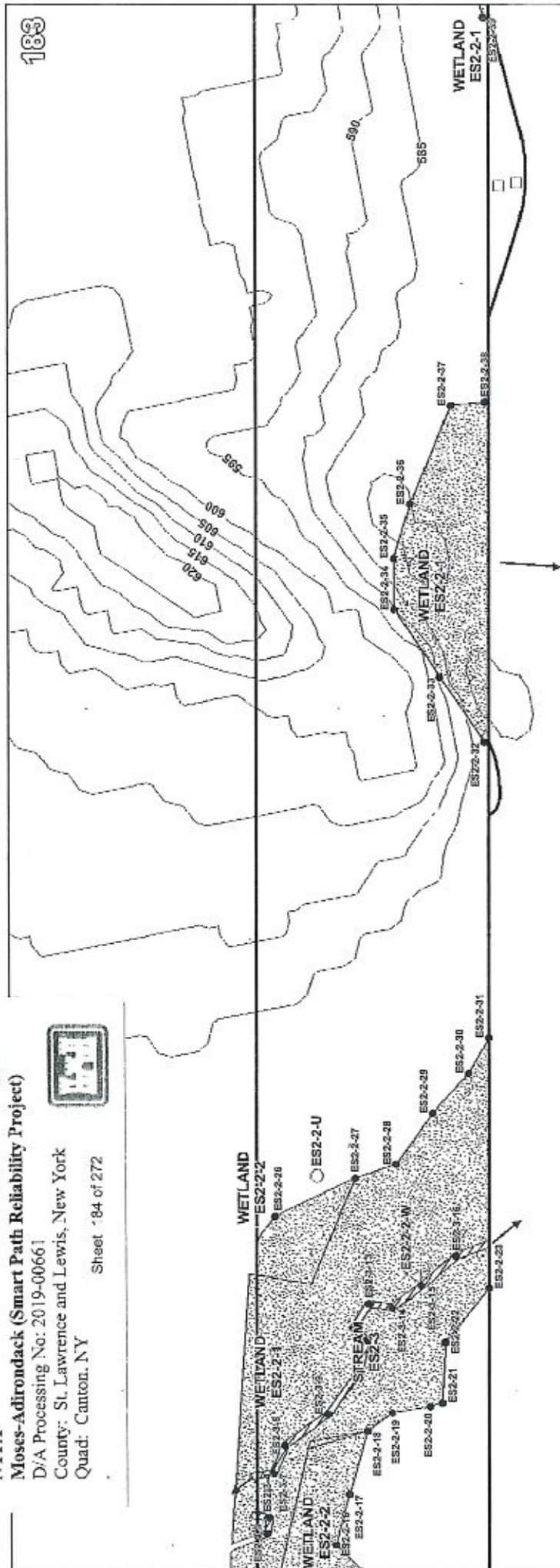
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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183



183

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 183 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US

WSP
Watershed Services
P.L.L.C.

MALE
MALE
ADIRONDACK

Scale: 0 100 200 Feet

North Arrow



PJD

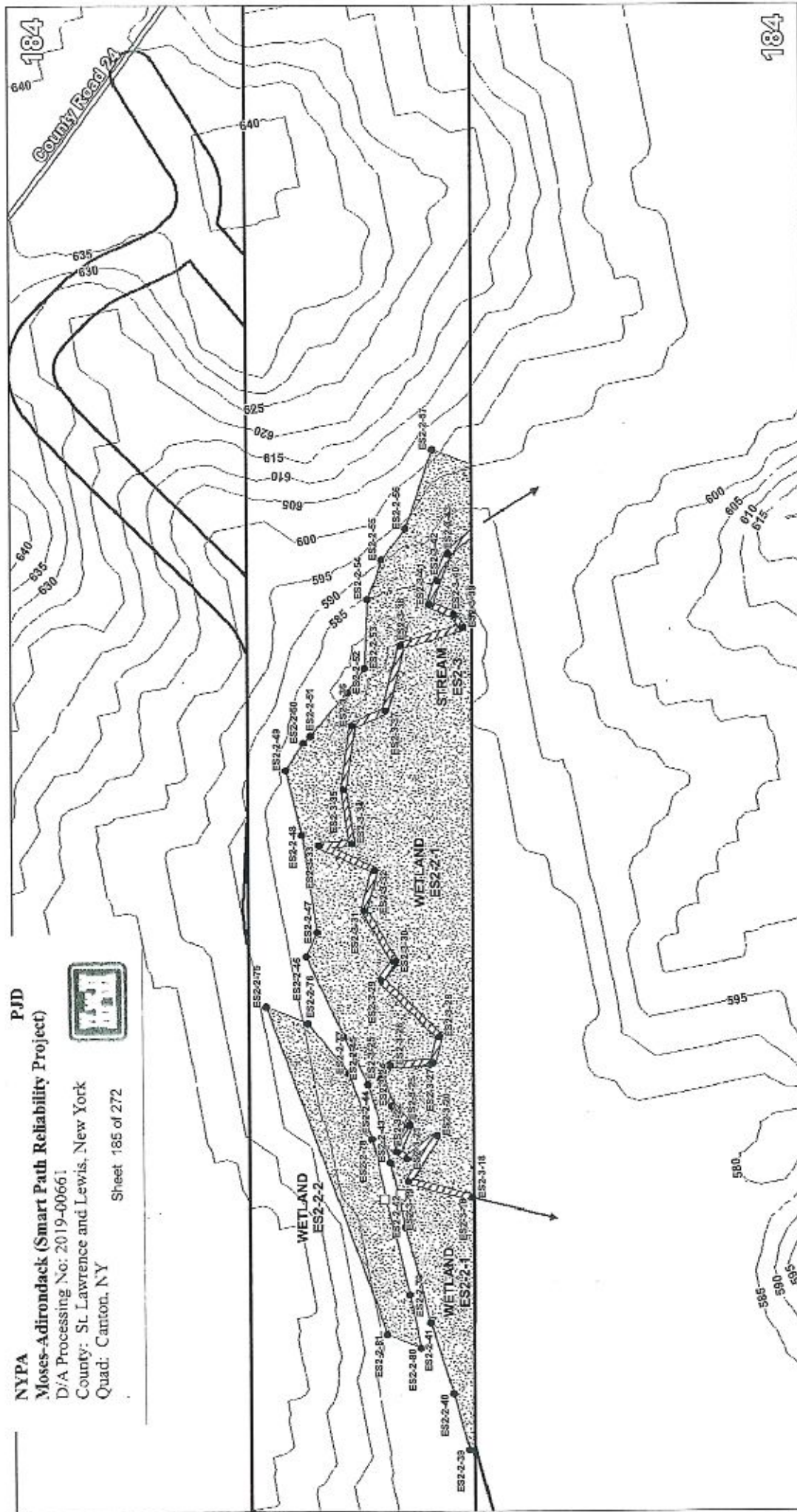
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St Lawrence and Lewis, New York

Quad: Canton, NY

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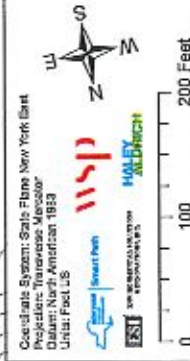


Sample Point

- | | | | |
|---|--------------------|---|--------------------------|
|  | Upland |  | Field-Delineated Stream |
|  | Wetland |  | Field-Delineated Wetland |
|  | Delineated Flag |  | Project Area (PA) |
|  | Delineated Culvert | | |

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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County: St. Lawrence and Lewis, New York

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185

☐ Upland

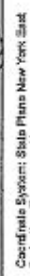
- **Delinquent**

[illegible]

Field-Delineated St

Project Area (PA)

Tile 185 of 271



Unit: First US

 "Let's Go Beyond the News"
 12 NEWS AT 12
 12 NEWS AT 12

0	100	200
---	-----	-----

PJD

NYPA

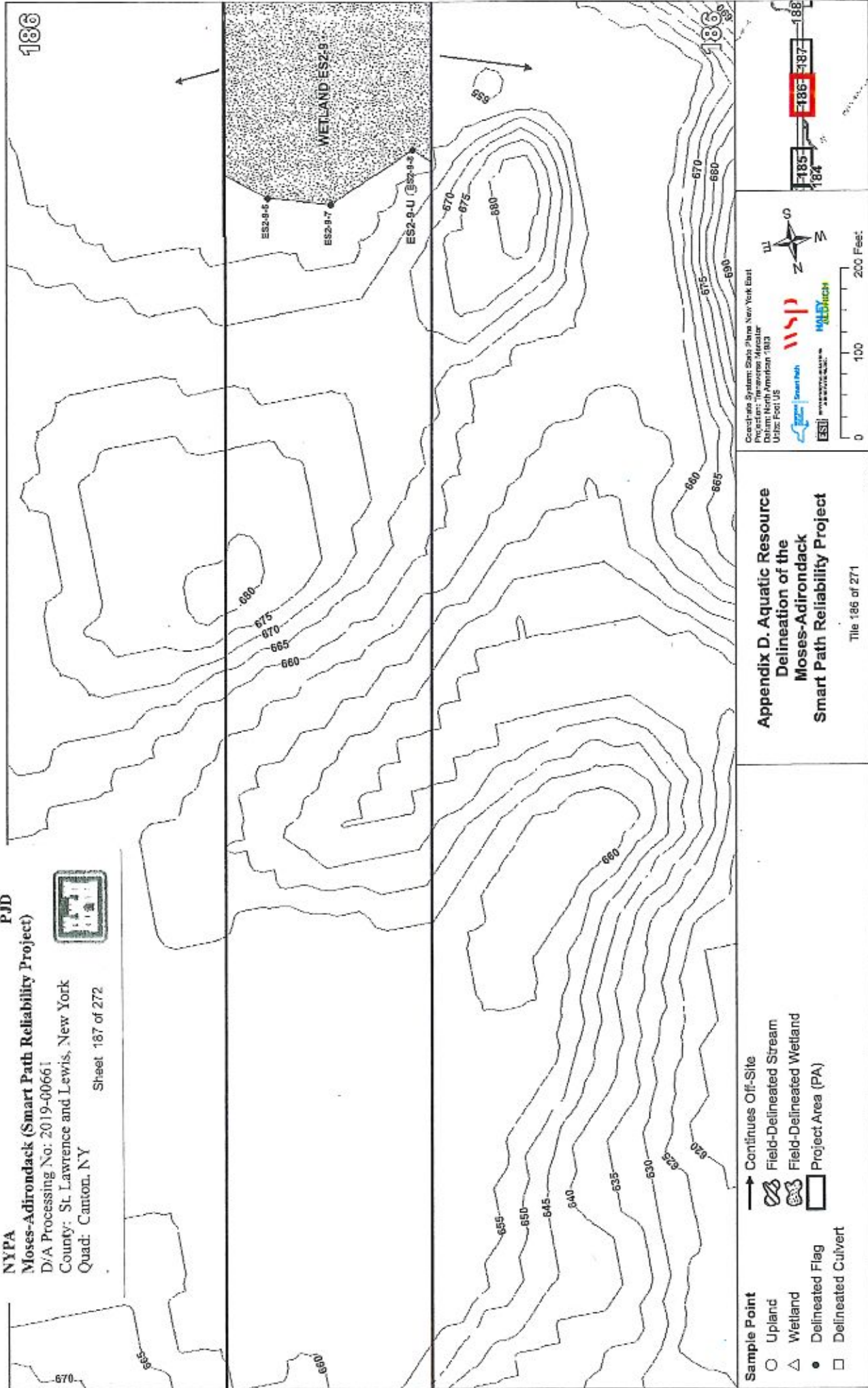
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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186

- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

- Sample Point
- Upland
- Wetland
- Delineated Flag
- Delineated Culvert

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 186 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US

ESRI | SmartPath | WSP | MUSEUM

0 100 200 Feet



PJD

NYPA

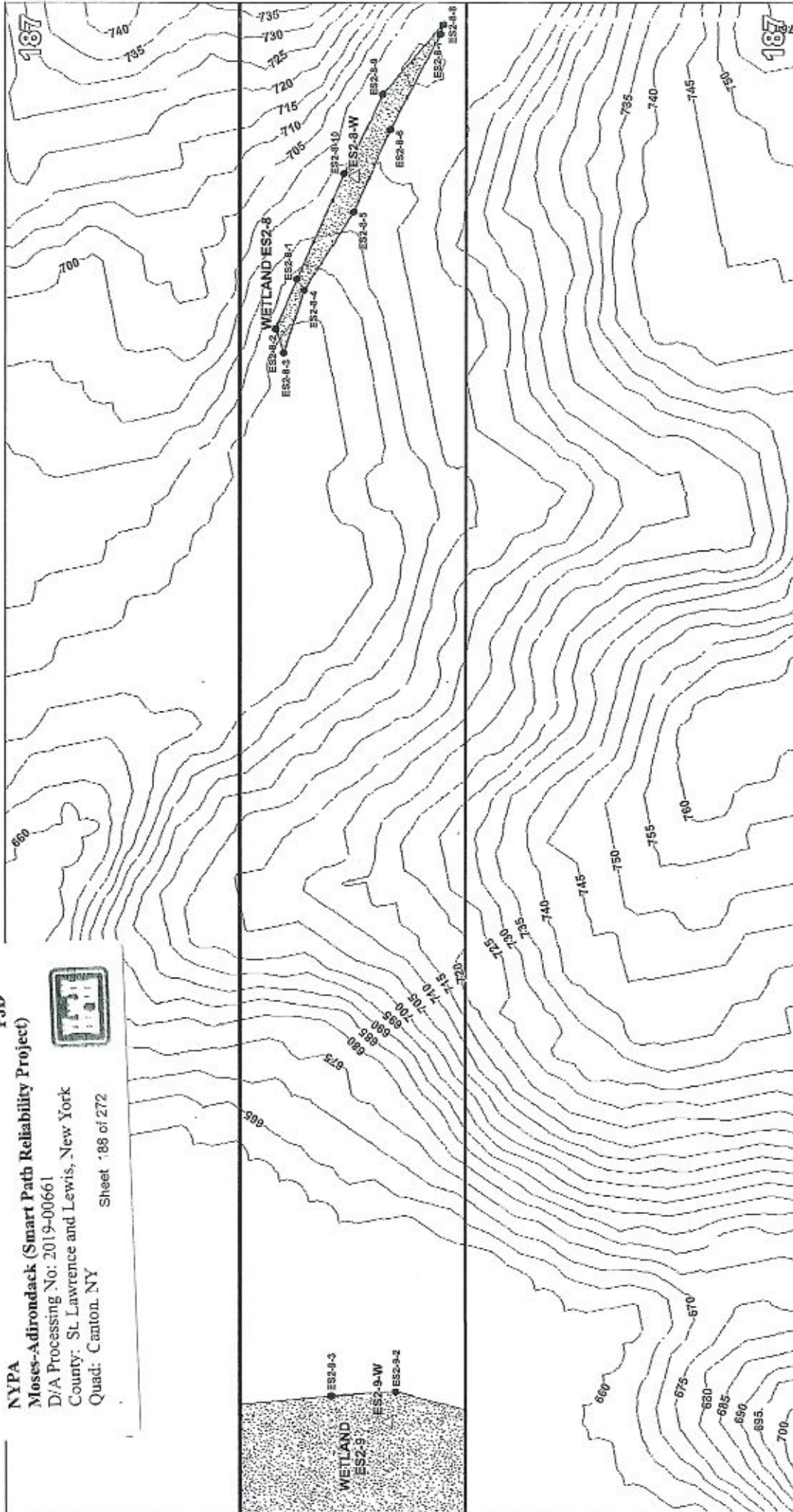
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

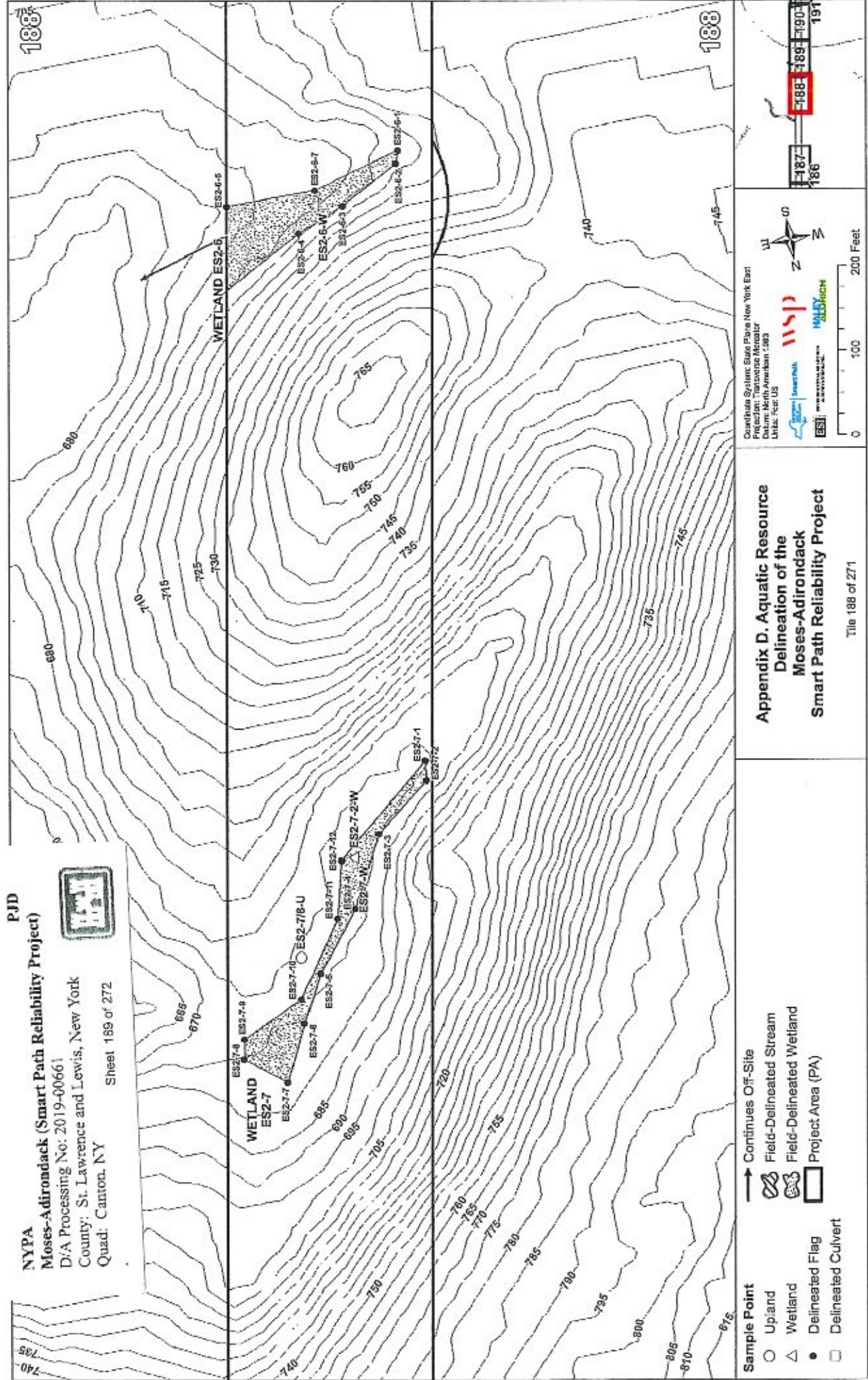
Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 187 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 WATERSHED SERVICES
 WATERSHED SERVICES

0 100 200 Feet



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 189 of 272



- Sample Point**
- Up/and
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Tile 188 of 271

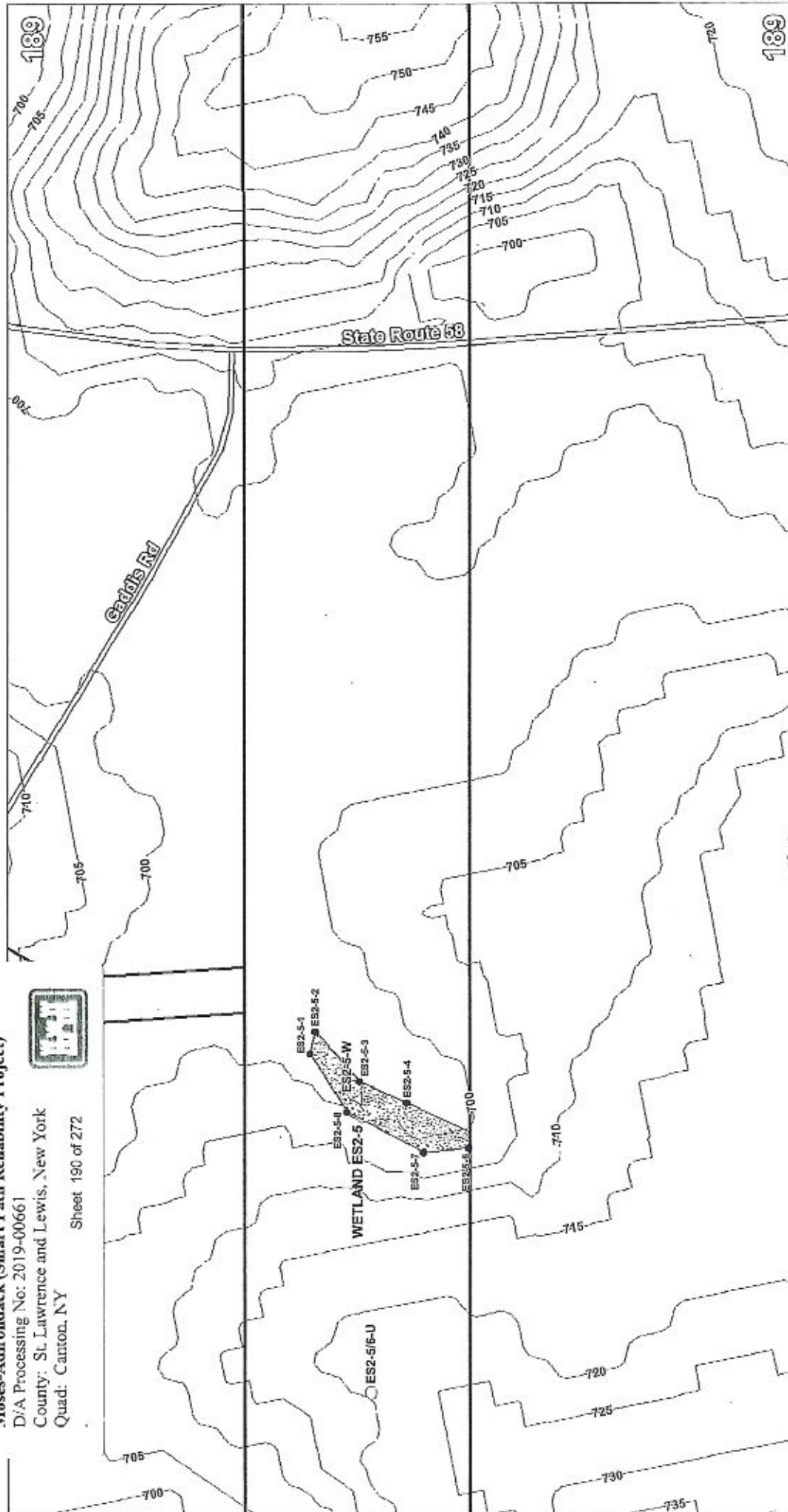
Coordinate System: State Plane New York East
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

Sheet 190 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert

- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 189 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 WATERSHED SERVICES
 1251
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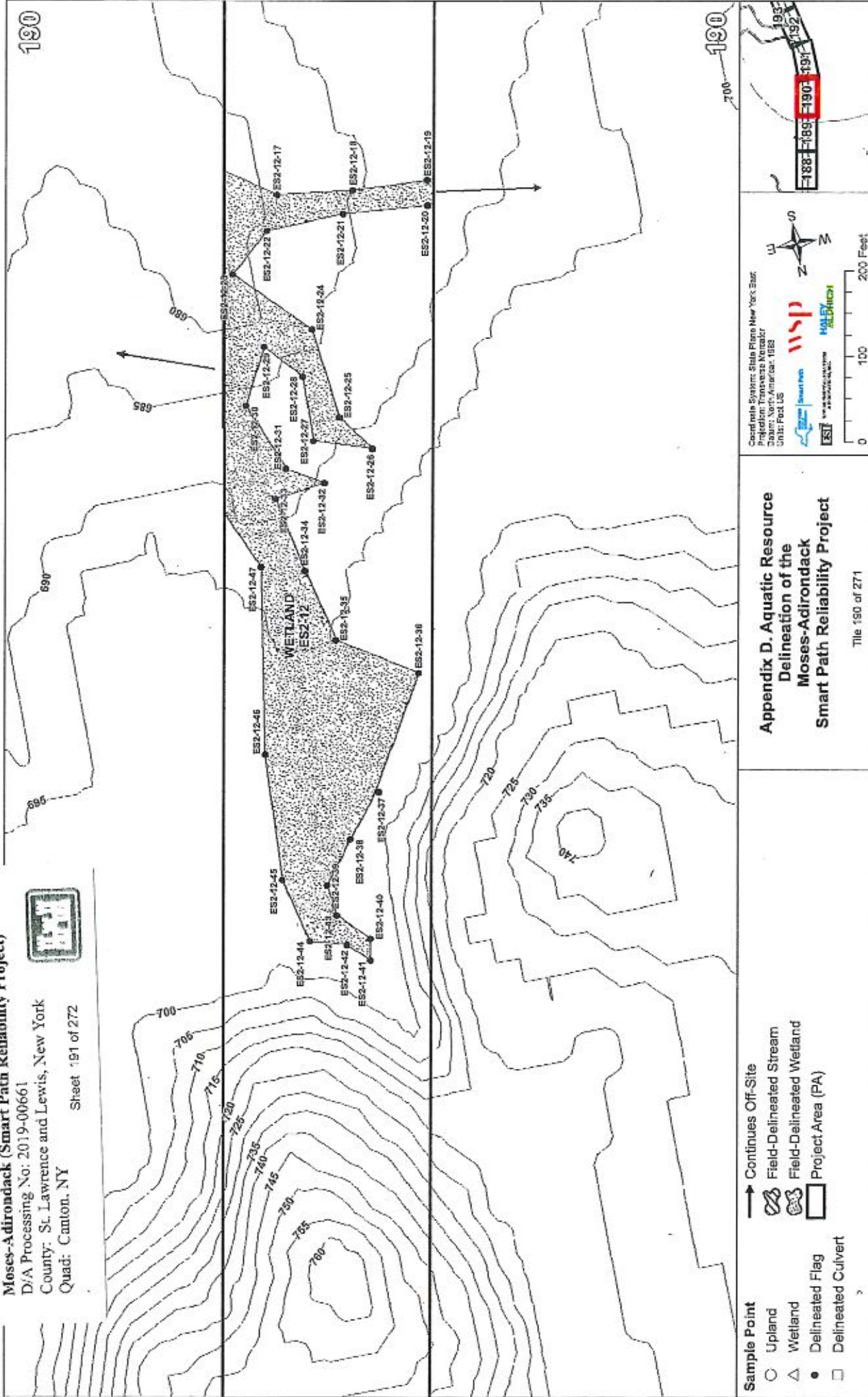
0 100 200 Feet

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NYPA
Moses-Adirondack (Smart Path Reliability Project)
D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY



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NYPA

PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

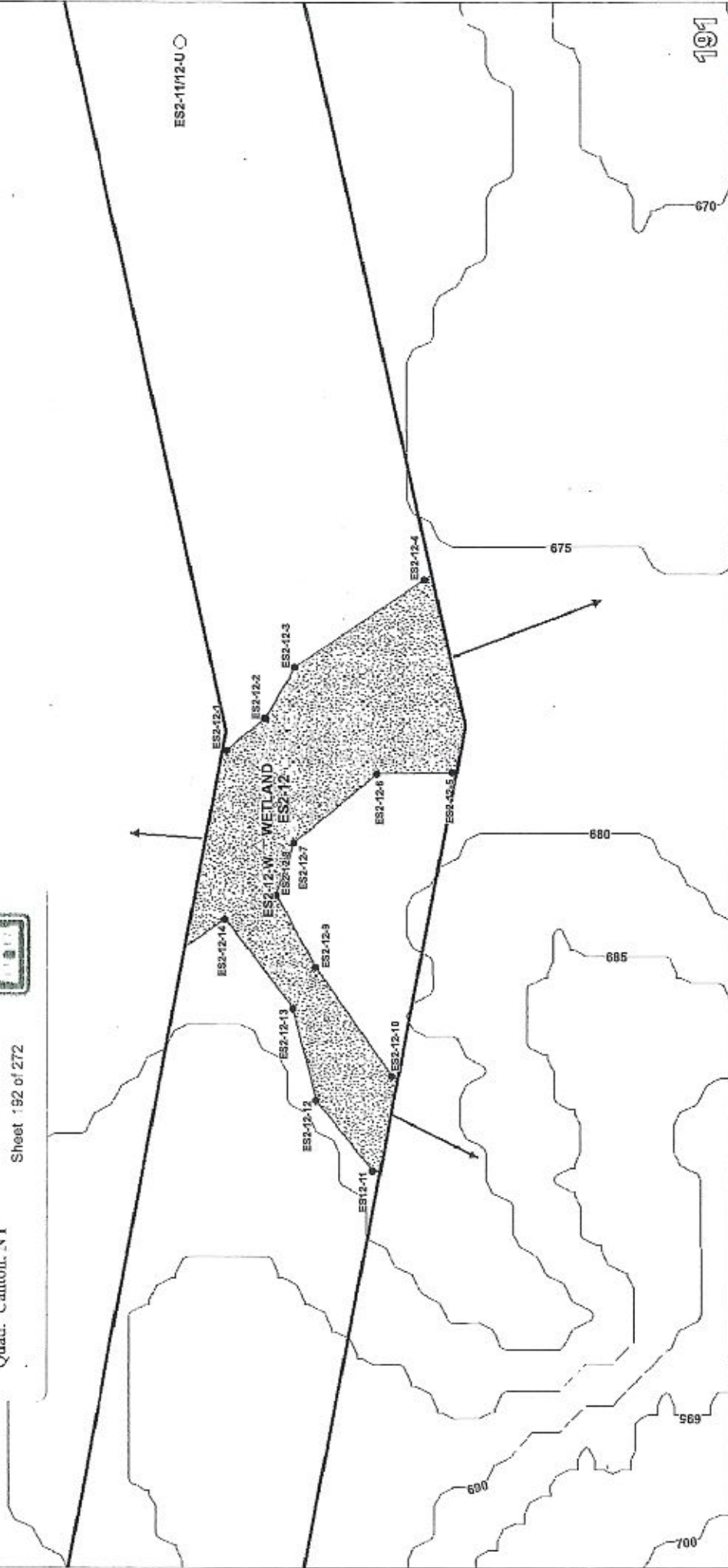
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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191



191

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tr 191 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



0 100 200 Feet



NYPA PJD

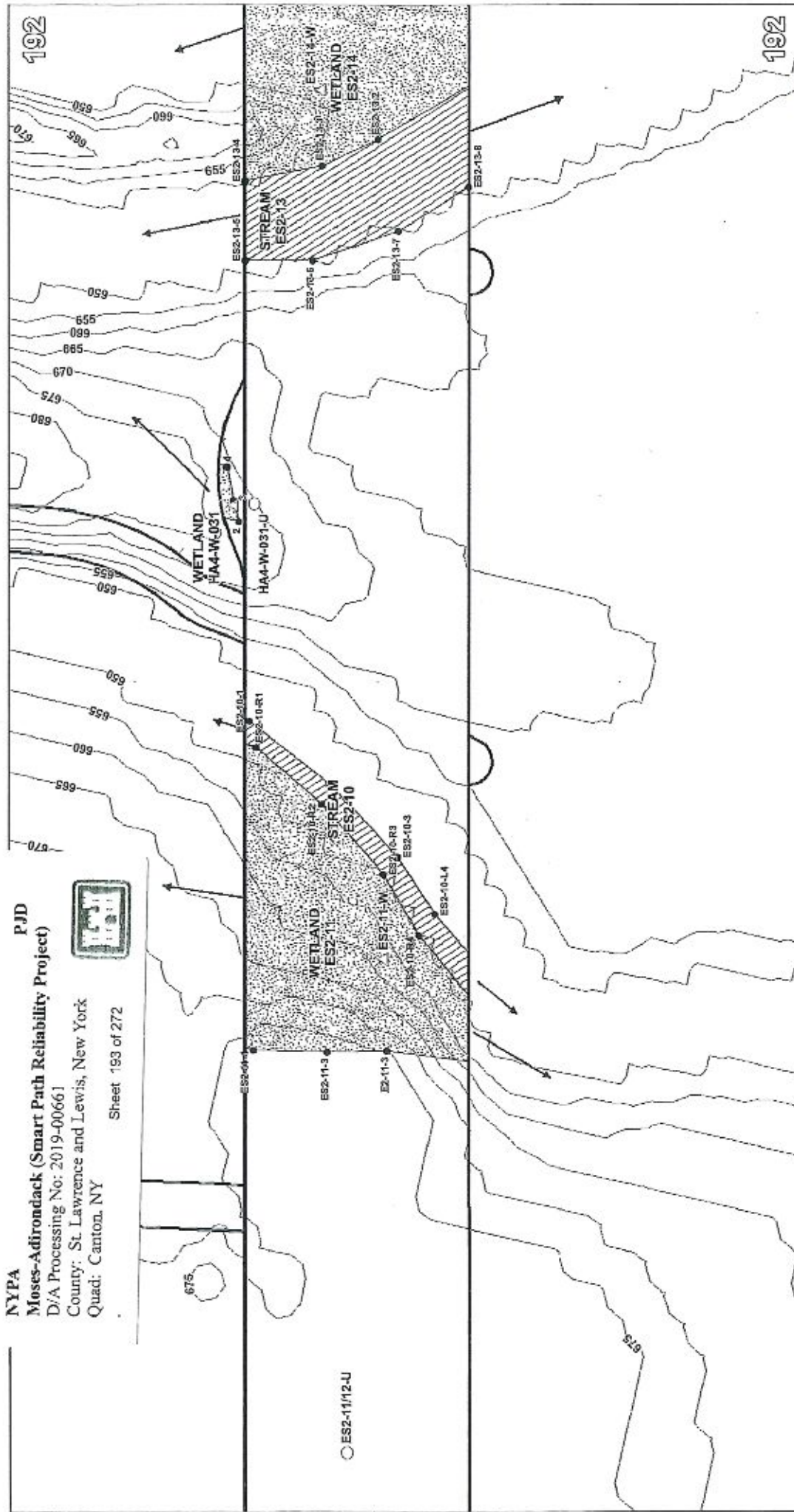
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- | | |
|----------------------|--------------------------|
| ○ Upland | Field-Delineated Stream |
| △ Wetland | Field-Delineated Wetland |
| ● Delineated Flag | Project Area (PA) |
| □ Delineated Culvert | |

→ Continues Off-Site

→ Continues Off-Site
Field-Delineated Stream

Field-Delineated Wetland

Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

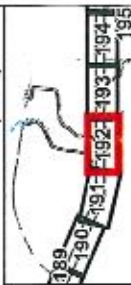
Title 192 of 271

Coordinate System: State Plane New York East;
Projection: Transverse Mercator
Datum: North American 1983







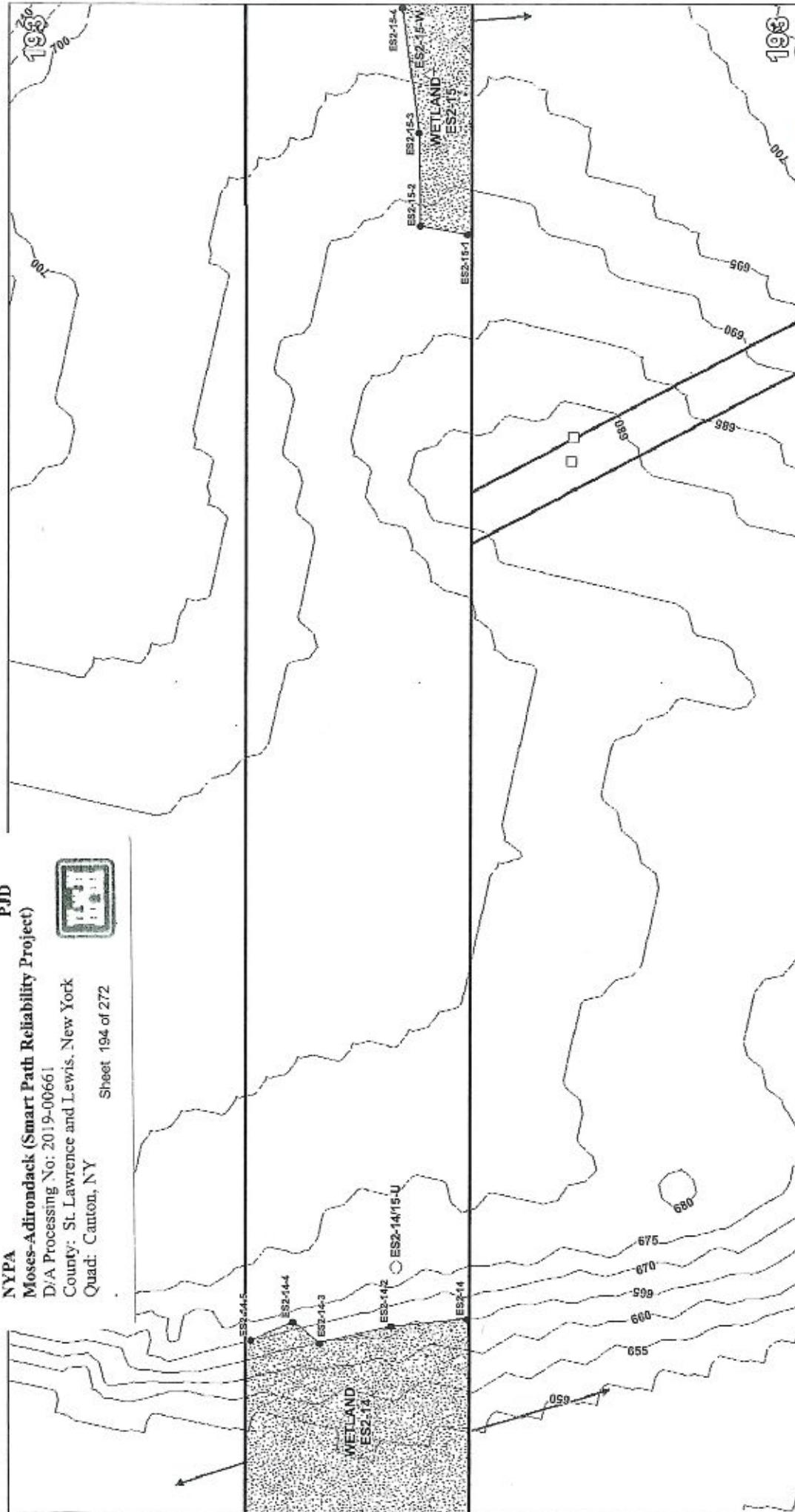
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
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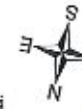


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 193 of 271

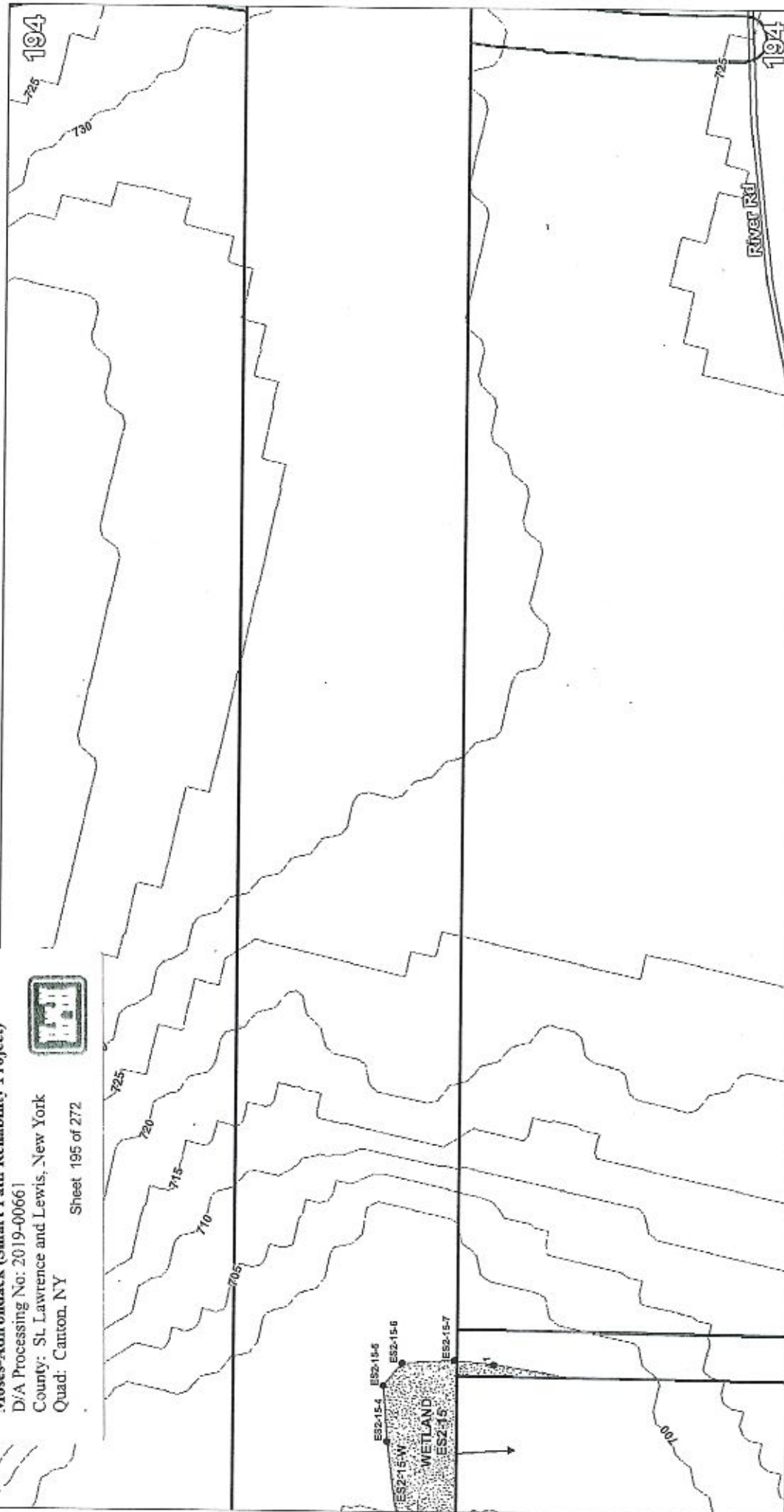
Coordinate System: Elmer Plan, New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US



NYPA
Moses-Adirondack (Smart Path Reliability Project)

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 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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191 192 193 194 195 196 197

НУРА

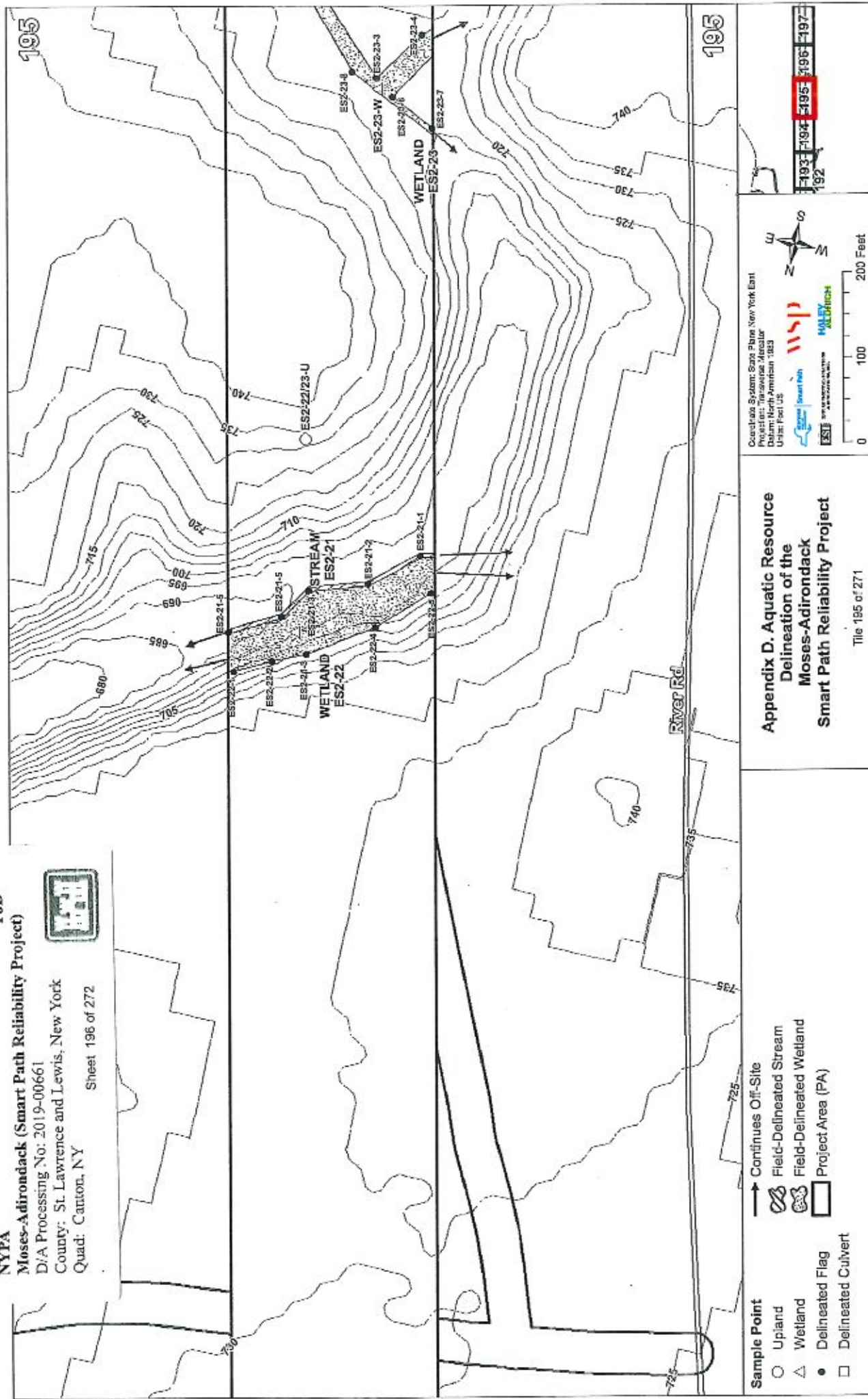
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

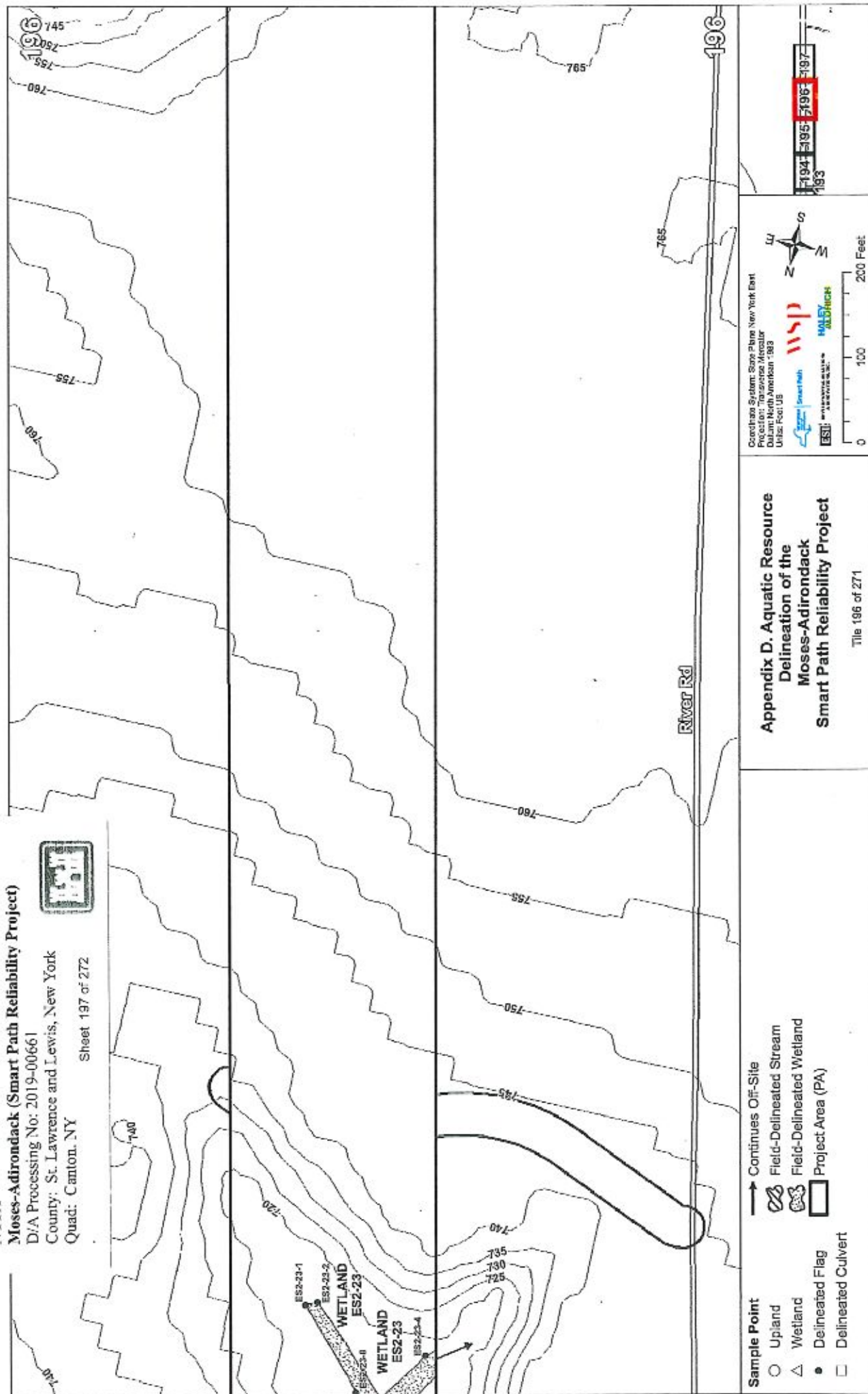
Sheet 196 of 272





County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American '83
Units: Feet US



ES&S
ENVIRONMENTAL SCIENCE & SERVICES
A WILLEY PUBLICATION

WILEY
ALSO HIGH

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 196 of 271

Sample Point

☐ Upland

Δ Wetland

- Delineat

☐ Delineat

→ Continues Off-Site

 Field-Delineated Stream

 Field-Delineated Wetland

Project Area (PA)

1

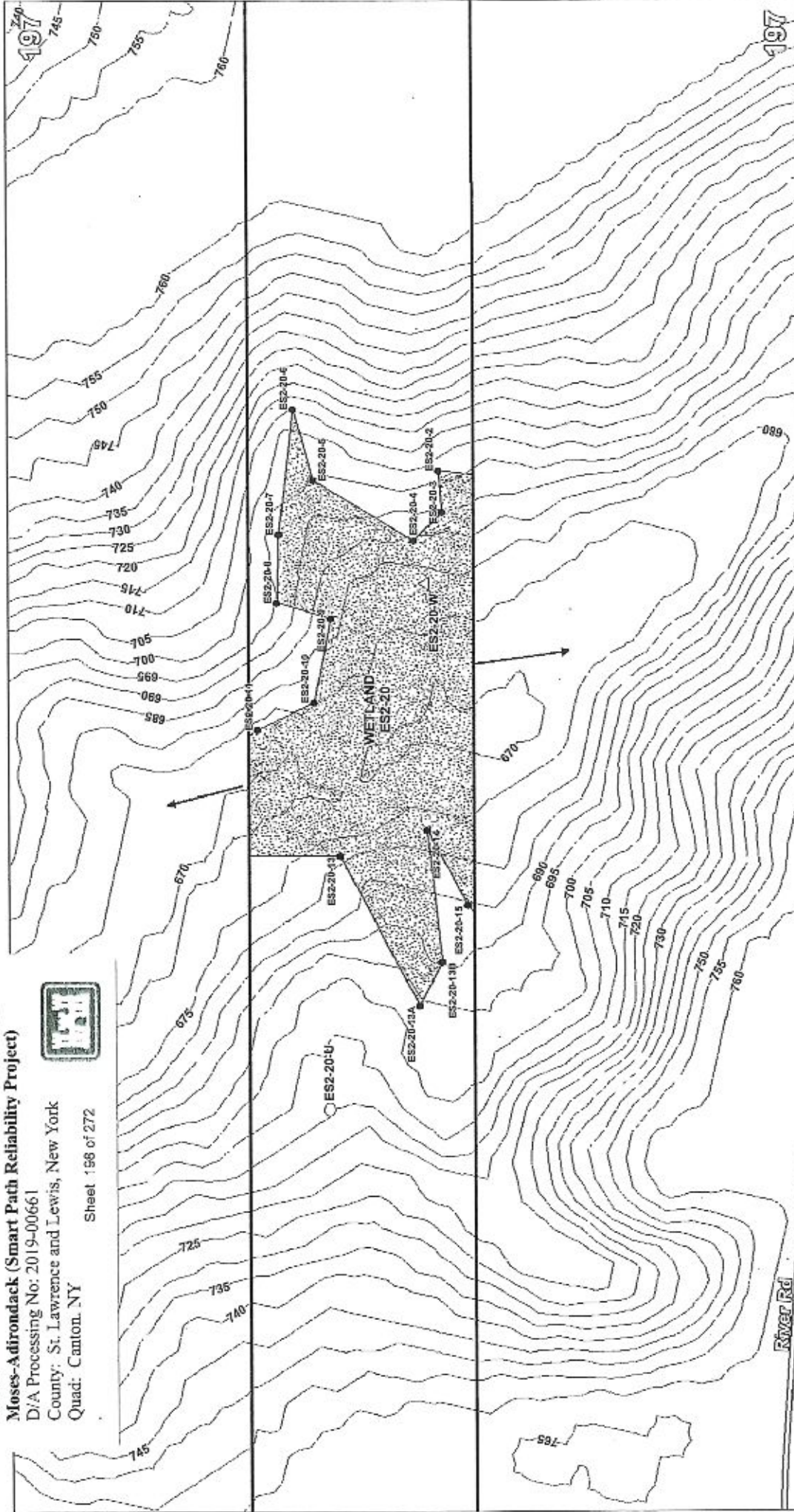
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 197 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1813
Units: Feet US

WSP
WSP
WSP

0 100 200 Feet

194 195 196 197 198

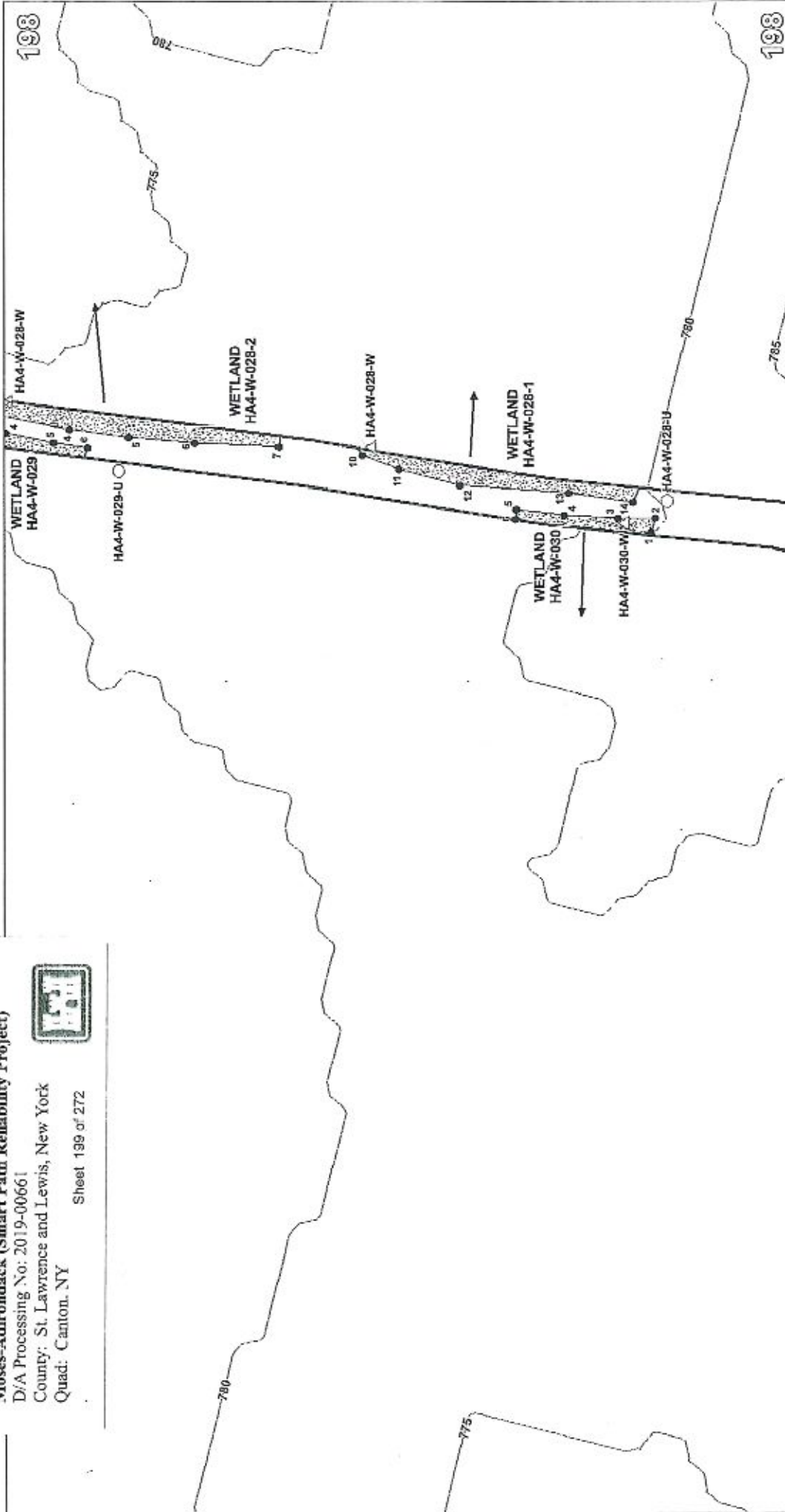
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 198 of 271

Coordinate System: State Plane New York, East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



0 100 200 Feet



PJD

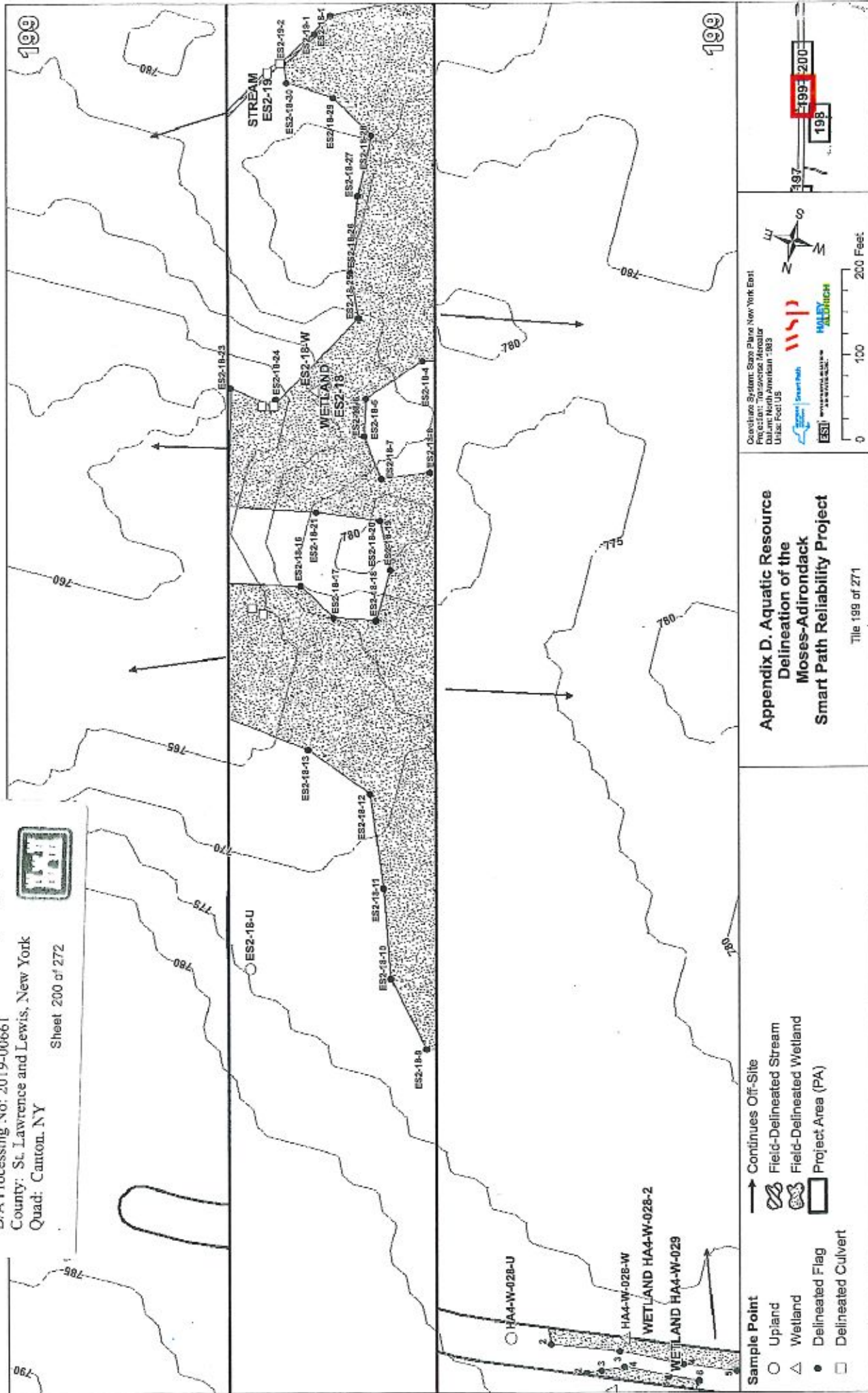
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 200 of 272



PJD

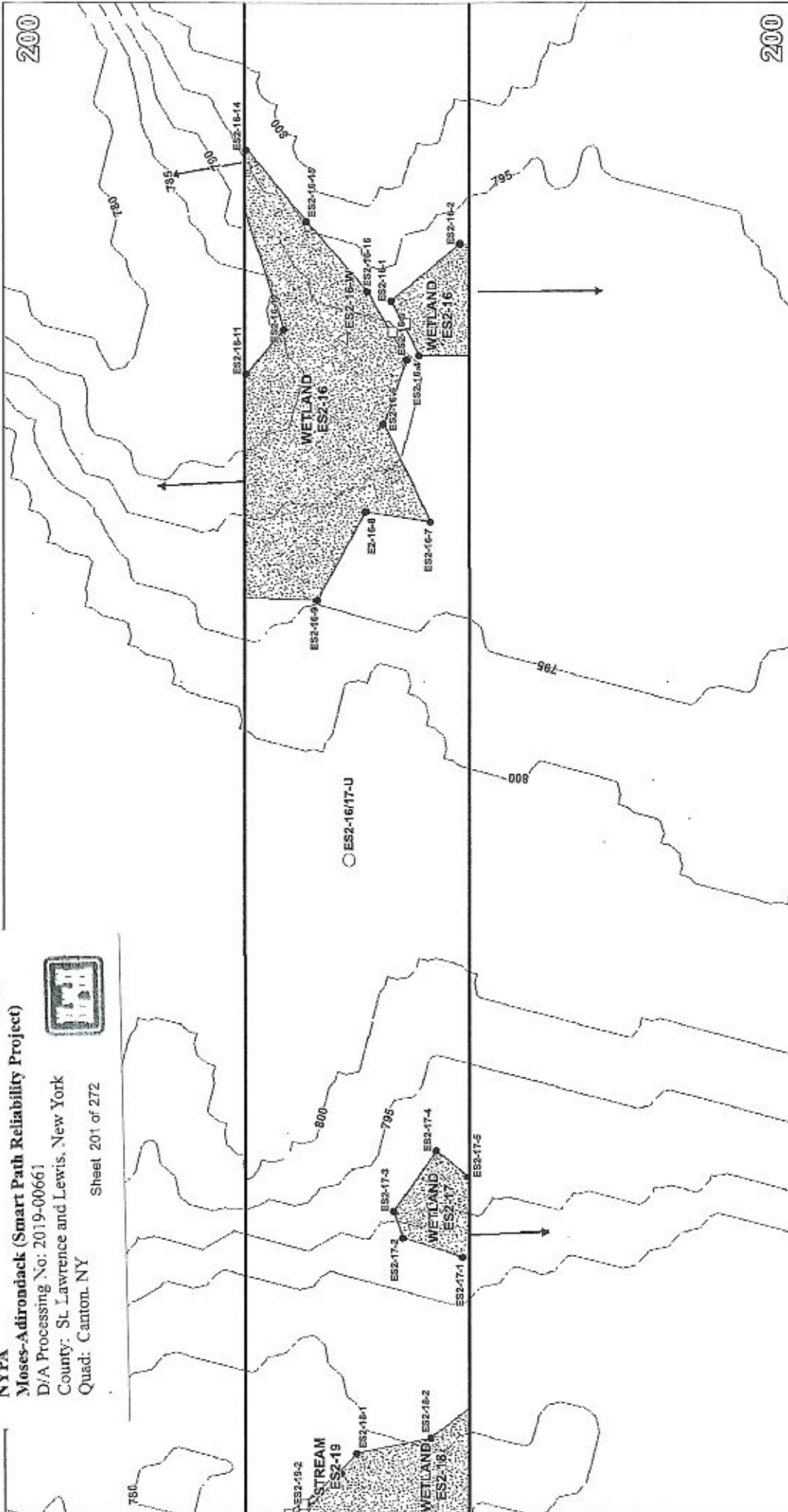
**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 200 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Unit: Feet US

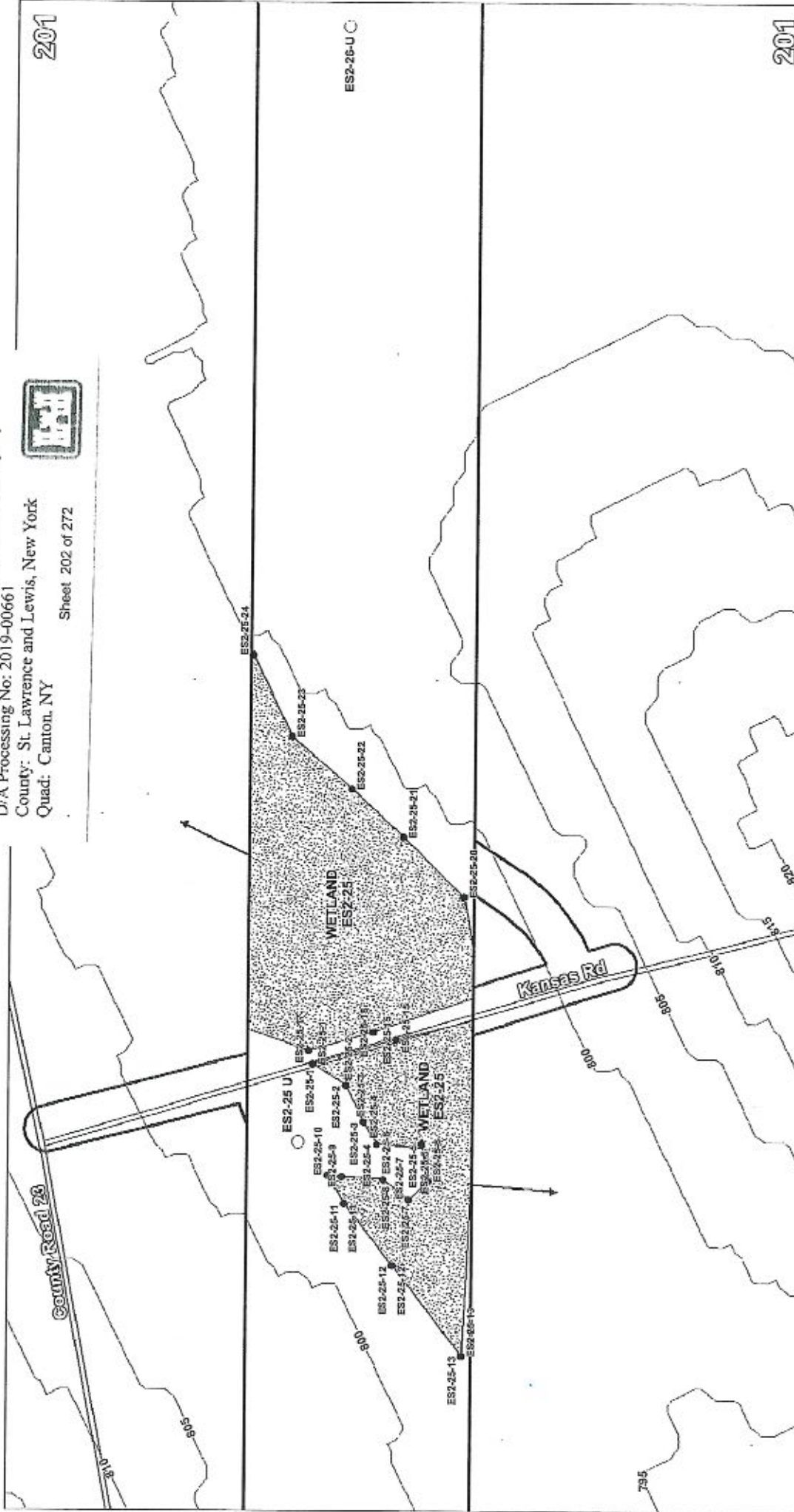
WSP
WATERSHED SERVICES
P.C. WATERSHED SERVICES, INC.

WSP
WATERSHED SERVICES
P.C. WATERSHED SERVICES, INC.

WSP
WATERSHED SERVICES
P.C. WATERSHED SERVICES, INC.

0 100 200 Feet

199-200-1



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- ↗ Field-Delineated Stream
 - ↘ Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 201 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

201 202 203

PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

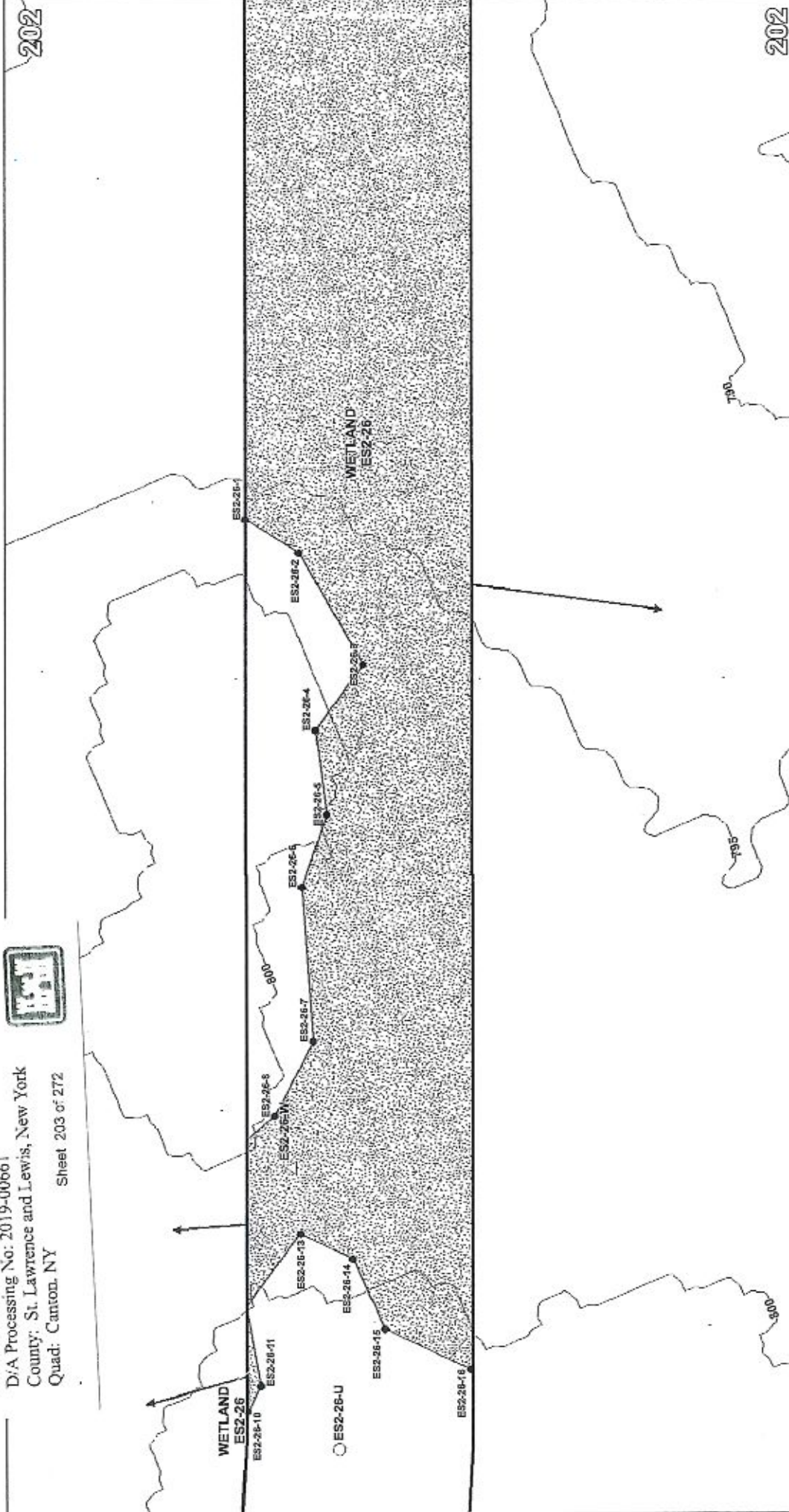
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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202



202

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 202 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US

ESRI | ArcGIS Online | WSP | H&M | MCHS

0 100 200 Feet

North Arrow

203-202-203

NYPA

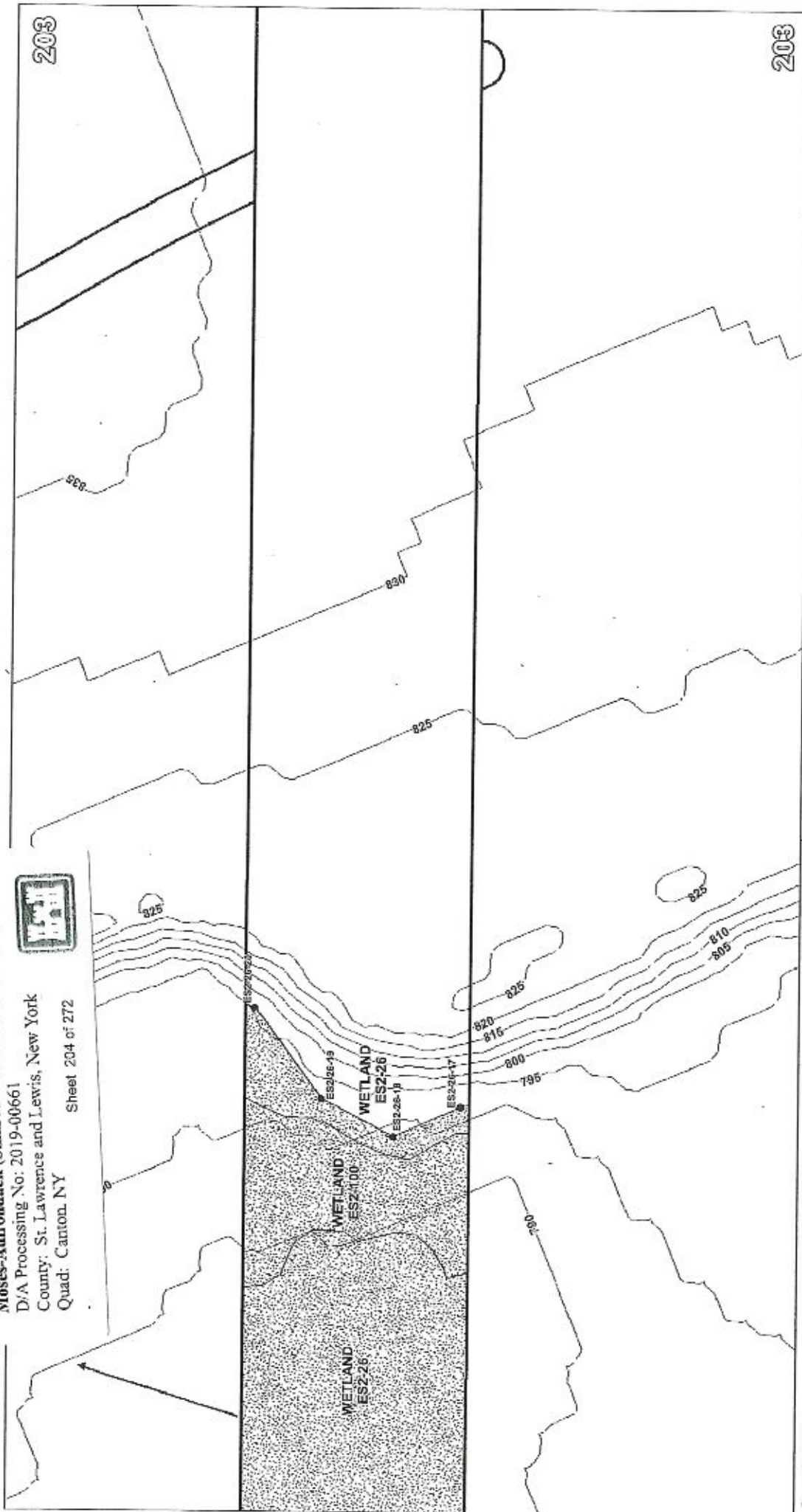
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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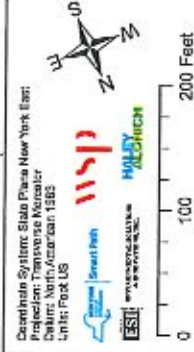
203

203

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

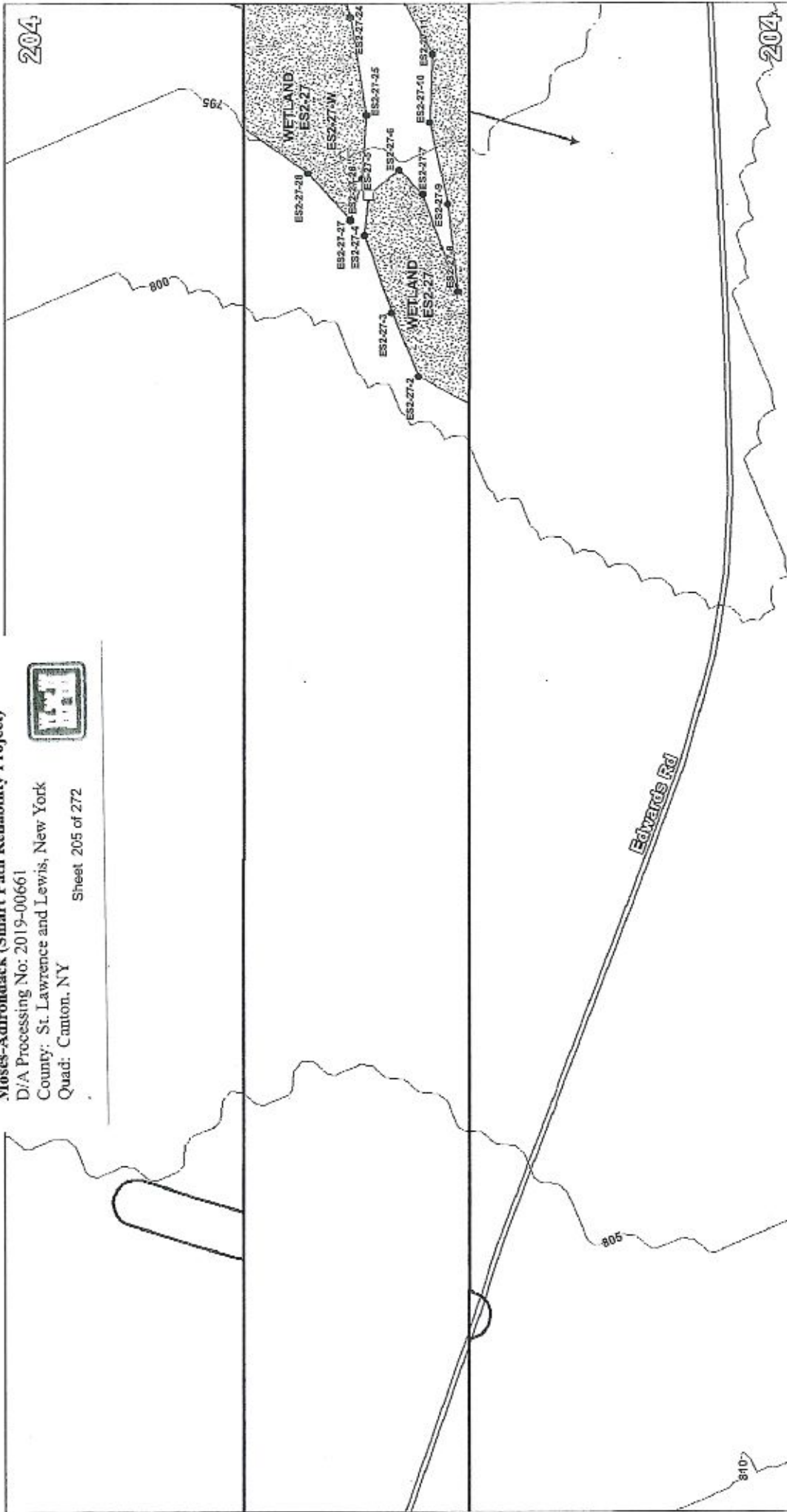
Tile 203 of 271



201 202 203 204

NYPA PJD
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 205 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 204 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

ES2 **ES2-205** **ES2-206** **ES2-207**

0 100 200 Feet

North Arrow

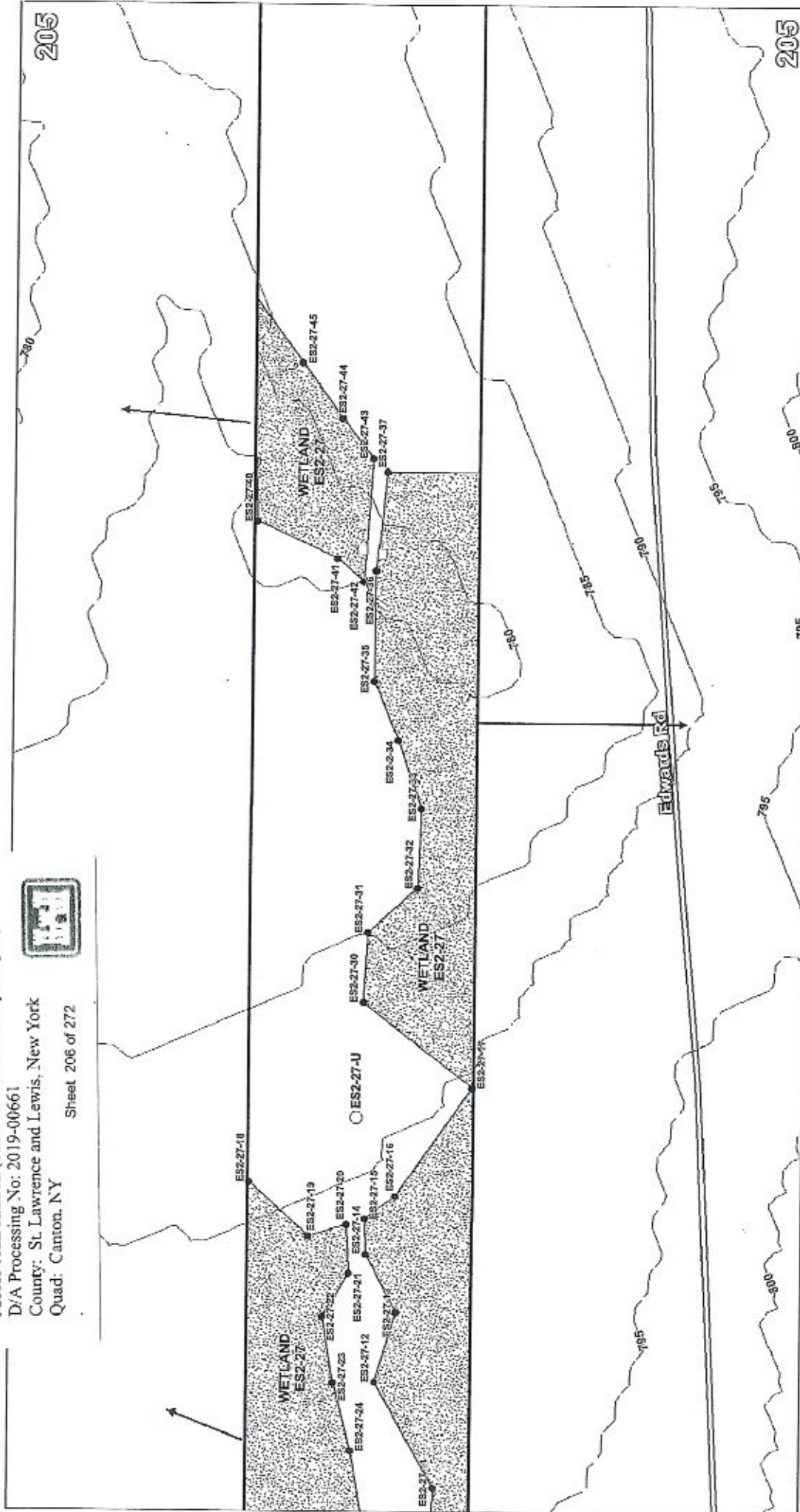
NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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205



205

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 205 of 271

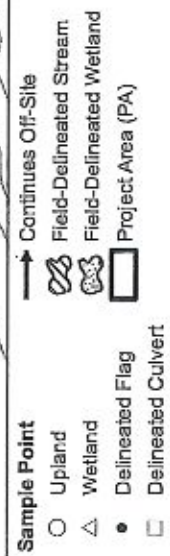
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Units: Feet US

ES2 **WSP** **WSP** **WSP**

0 100 200 Feet

204 205 206 207

D:\A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
Sheet 207 of 272



Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

0 100 200 Feet

ESRI
 HOLEY
 Hudson River
 Hudson River
 Hudson River

The 206 of 271

NYPA

PJD

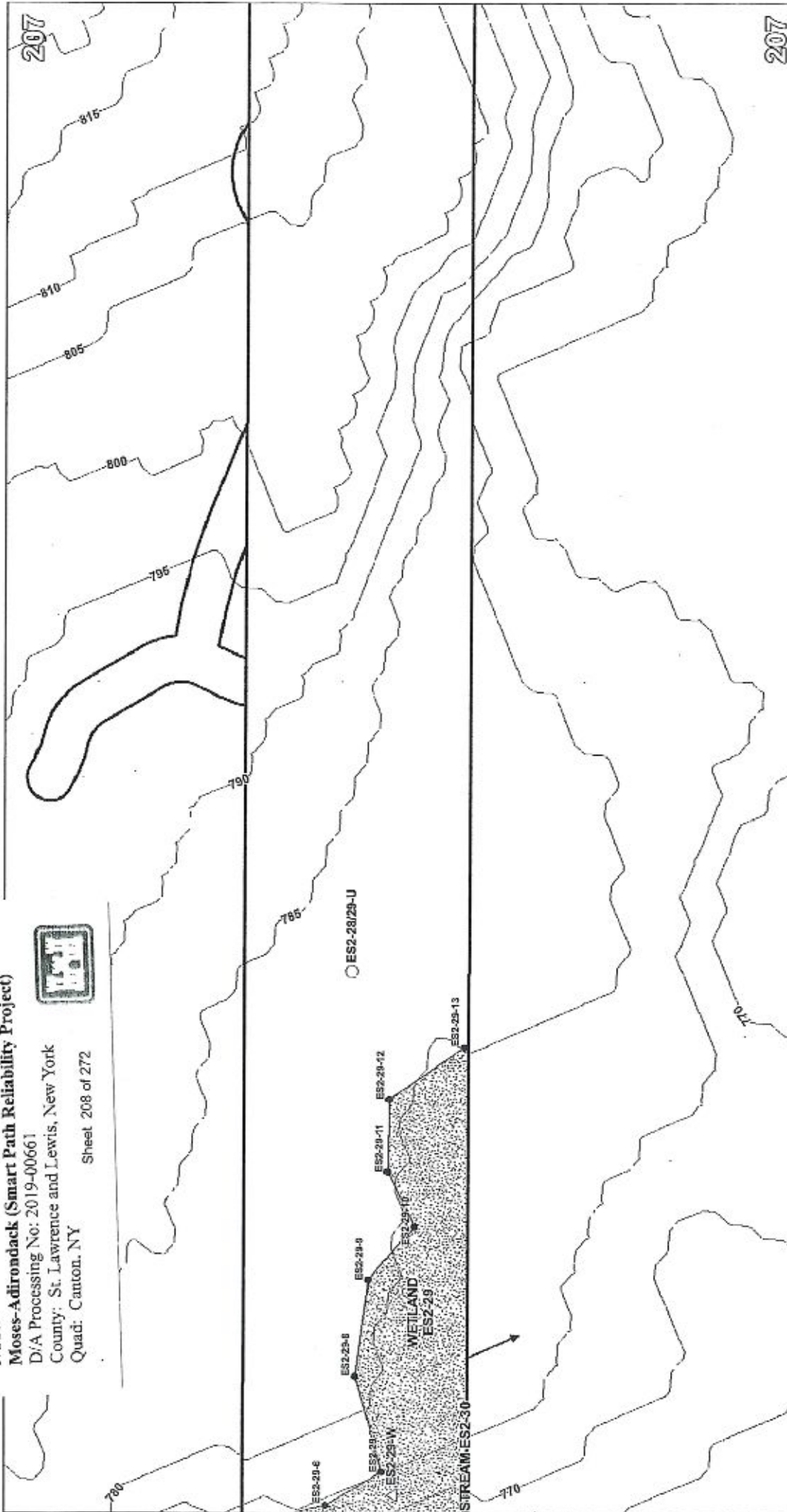
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 207 of 271

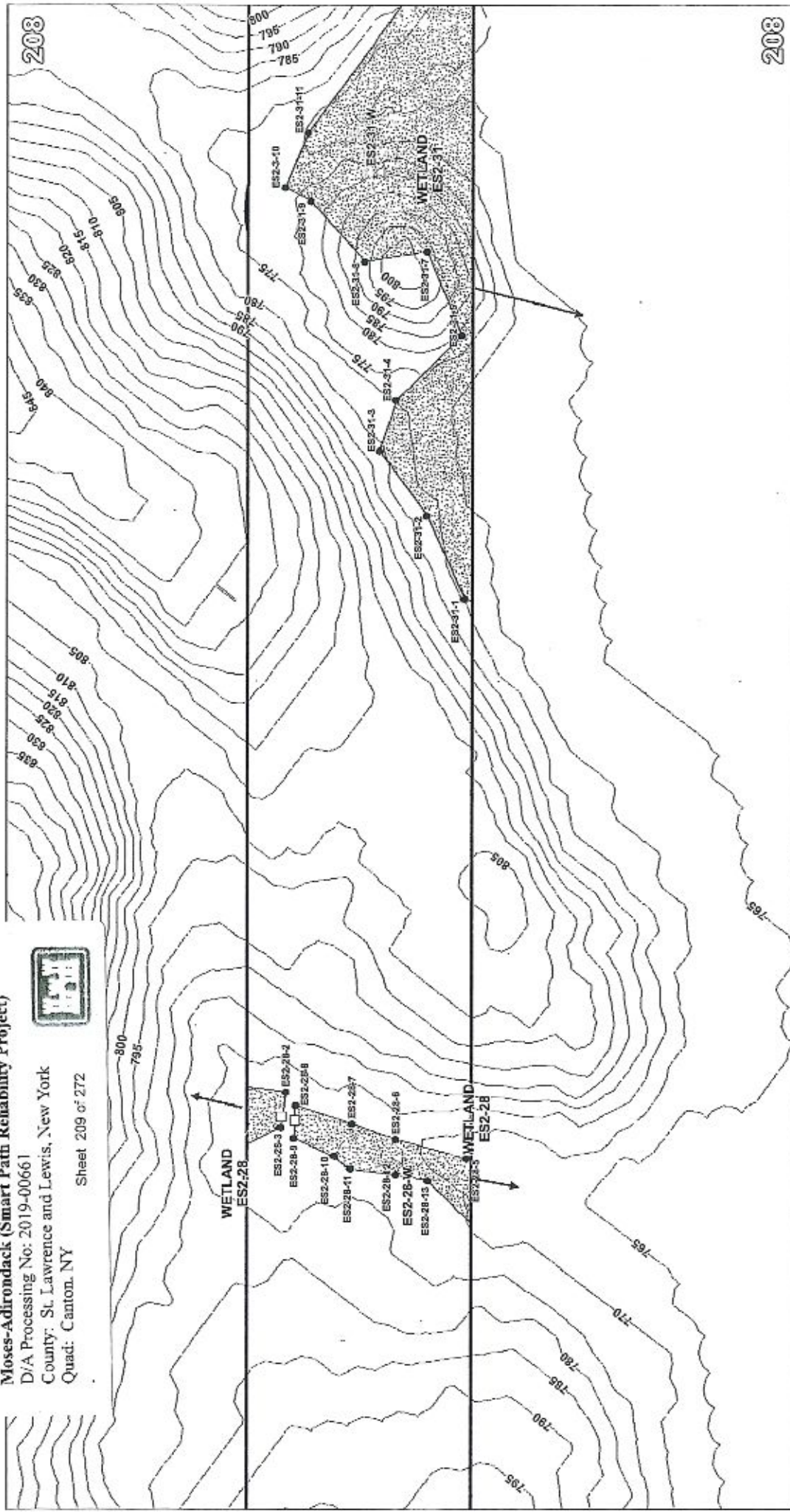
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



204 205 206 207 208 209

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

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 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 208 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 www.wsp.com
 800.451.1111

ES
 www.es.com
 800.451.1111

Wetland
 www.wetland.com
 800.451.1111

0 100 200 Feet

208

208

НУРА

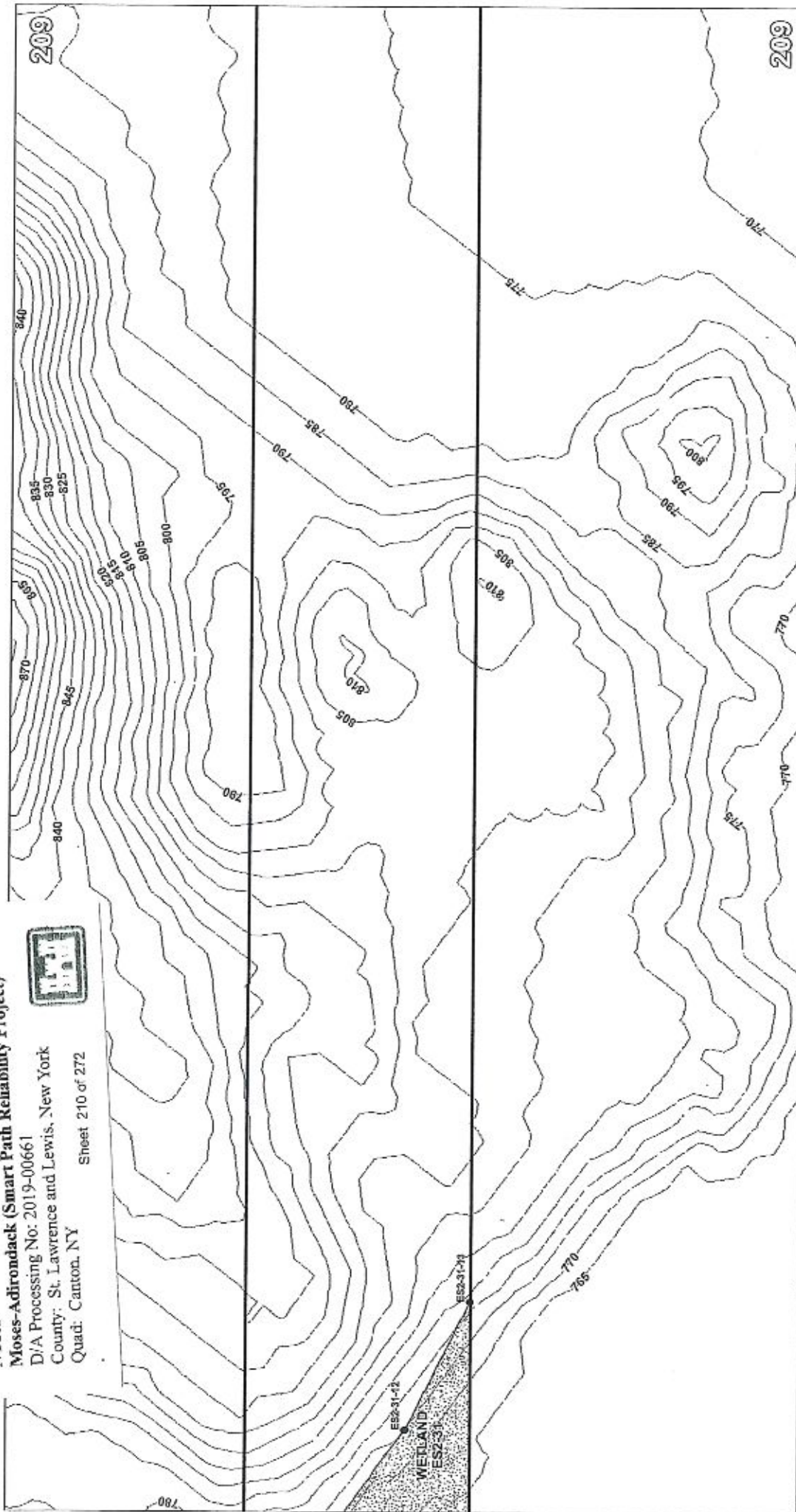
NYPA
... Dock (Smart Path Reliability Project)

Moses-Adirondack (Smart Path)
D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

County, Canton, NY

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Sample Point

- ☐ Upland
- ☐ Wetland
- ☒ Delineated Flag
- ☐ Delineated Culvert

- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Coordinate System: State Plane
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



A vertical scale bar with markings at 0, 100, and 200 Feet.



208-209

NYPA

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

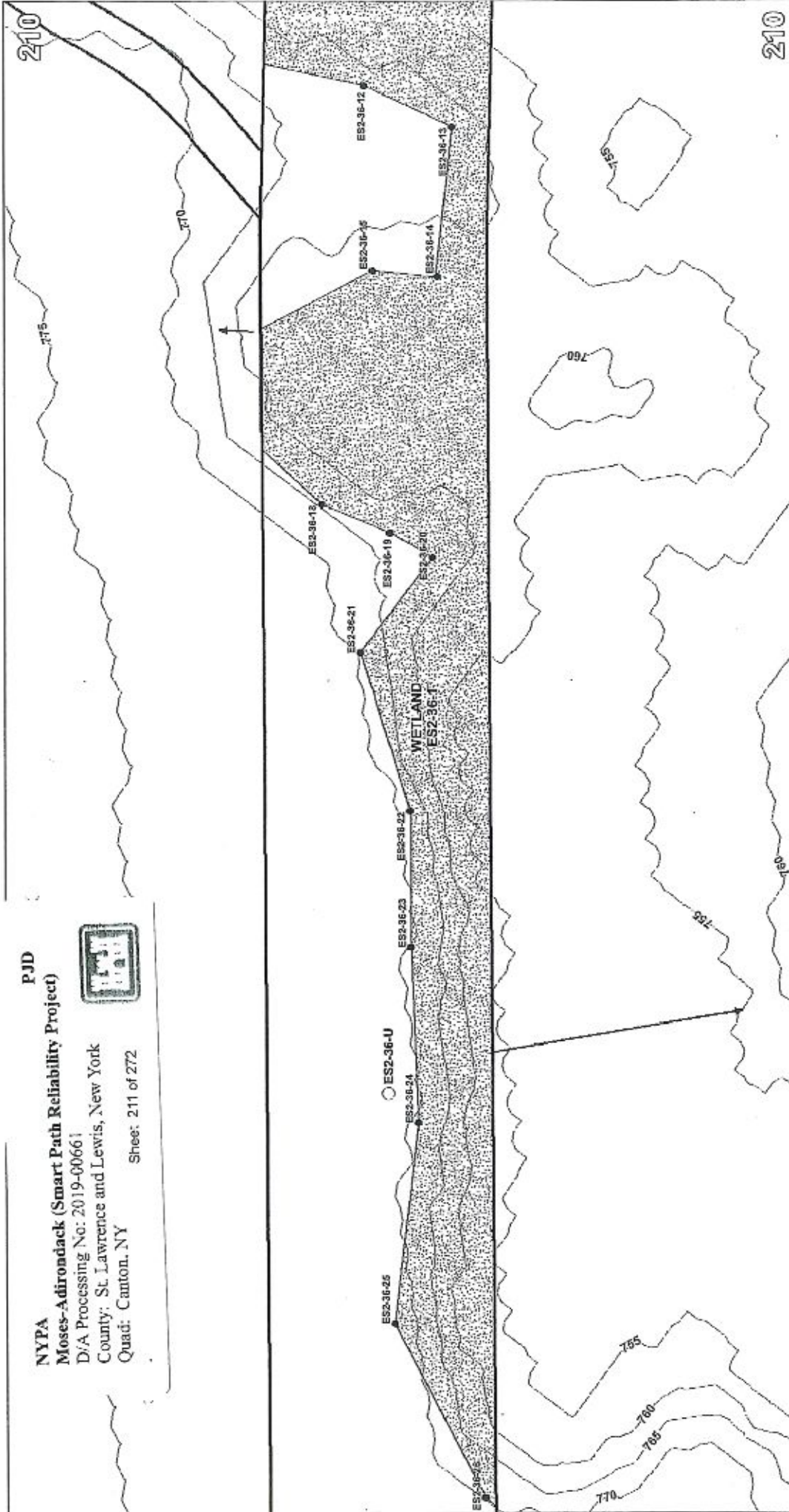
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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210



210

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

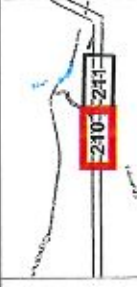
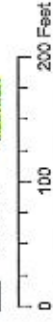
Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US



NYPA

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

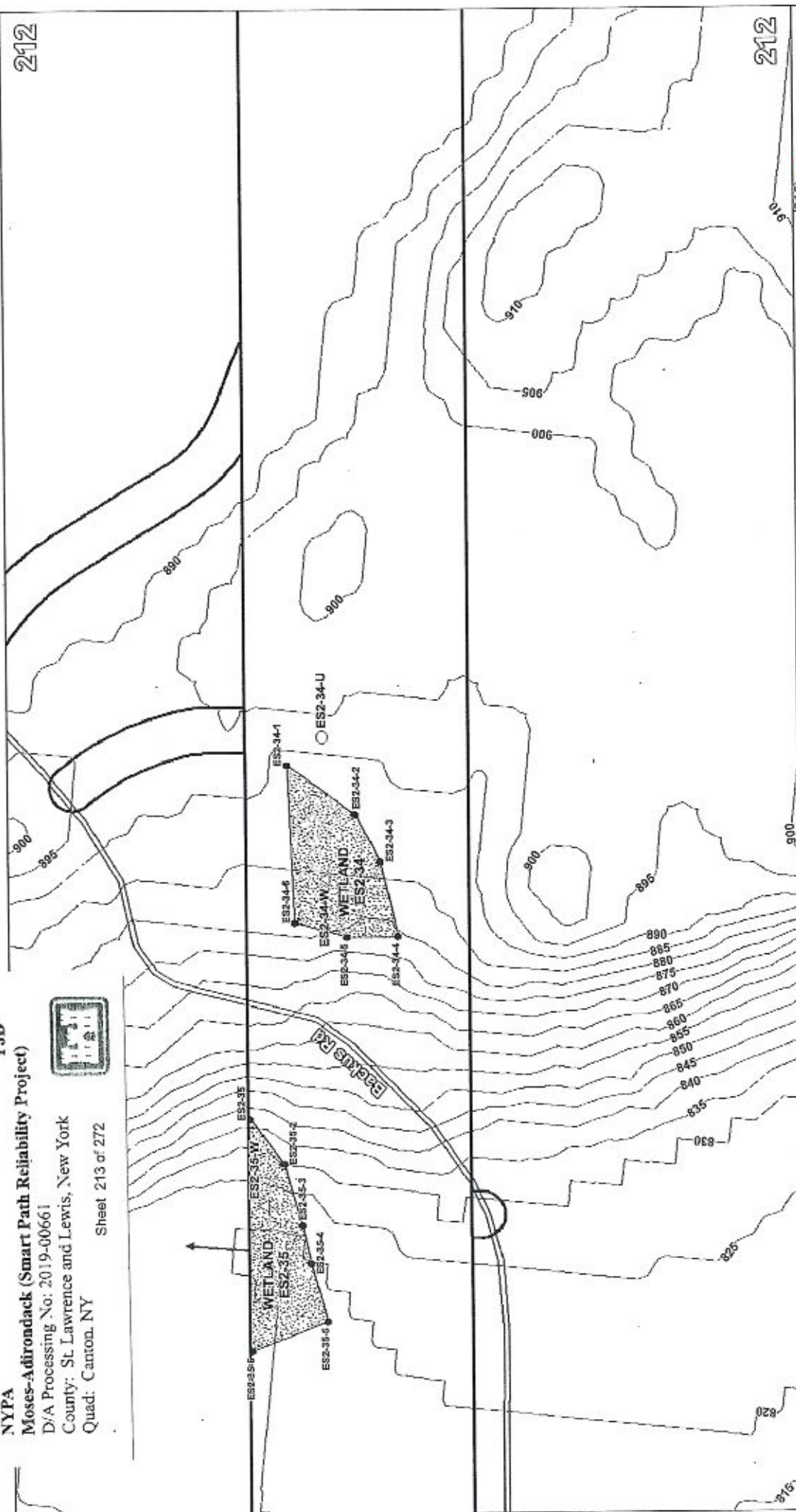
Quad: Canton, NY

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PJD

212



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

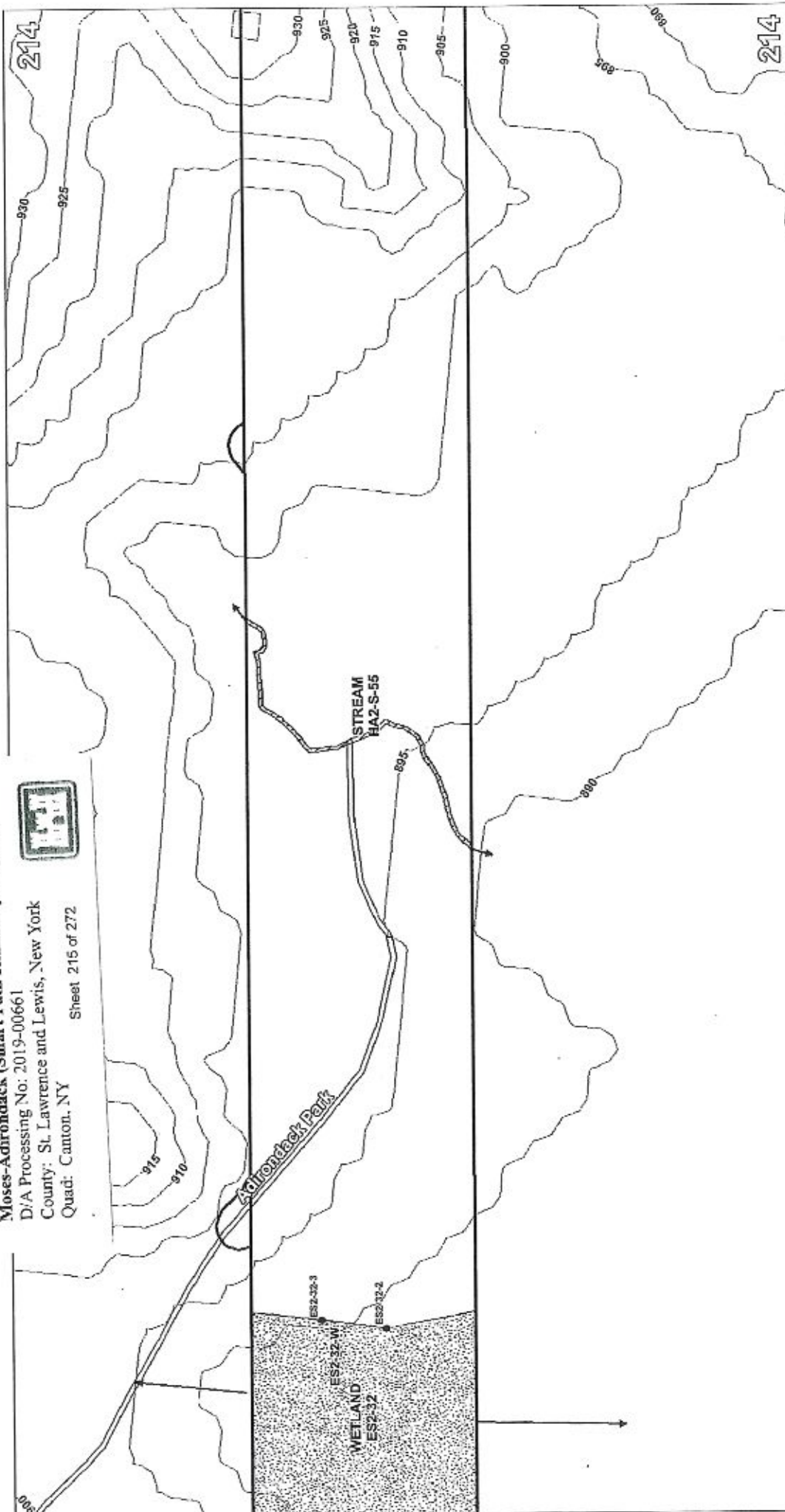
0 100 200 Feet



PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

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County: St. Lawrence and Lewis, New York
Quad: Canton, NY Sheet 215 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York State
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partnership

MALEY
MALEY & ASSOCIATES

ESL
Environmental Science & Logistics

0 100 200 Feet

212 213 214 215 216 217

PJD

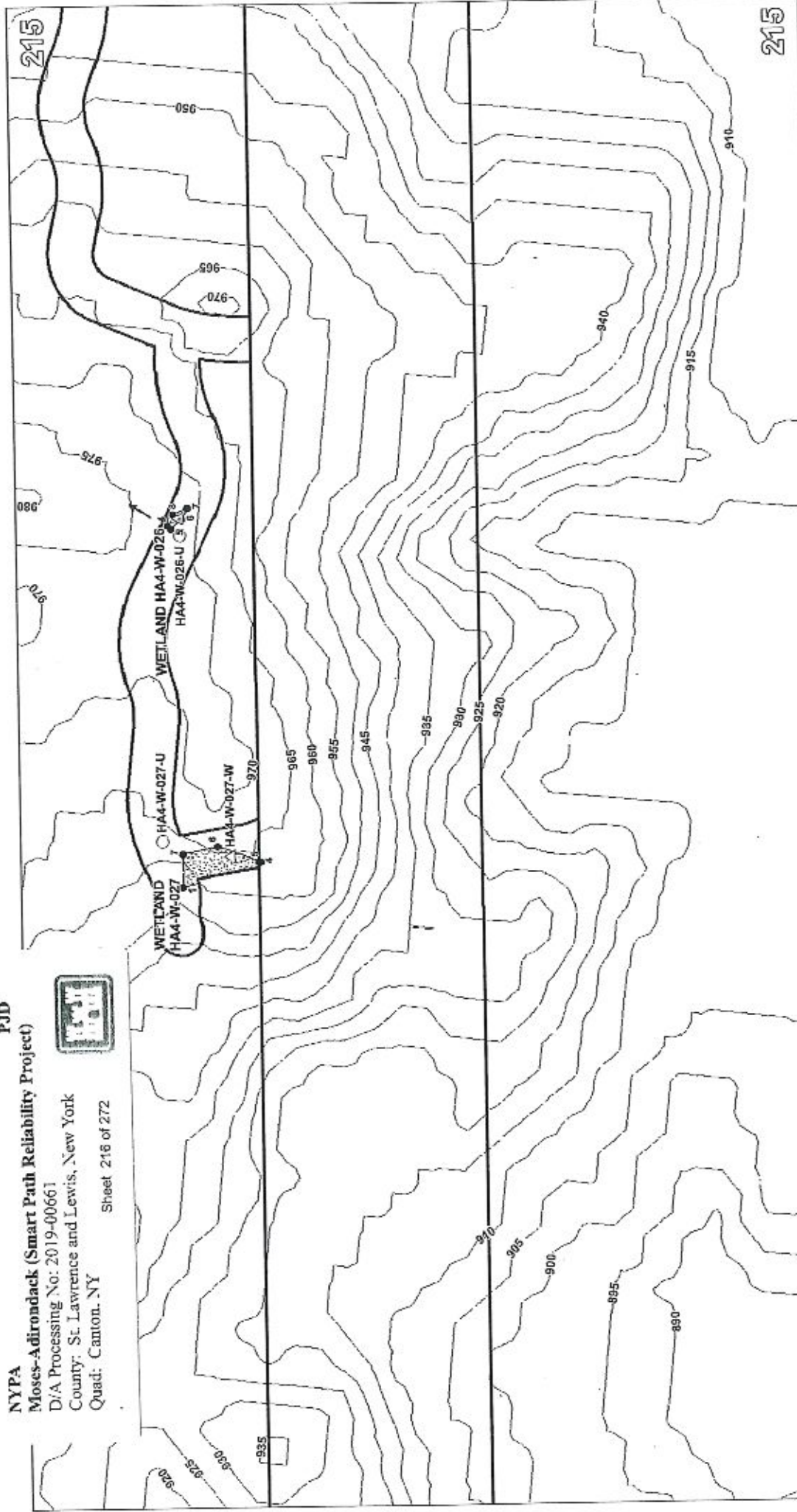
**NYPA
Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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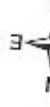


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 215 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

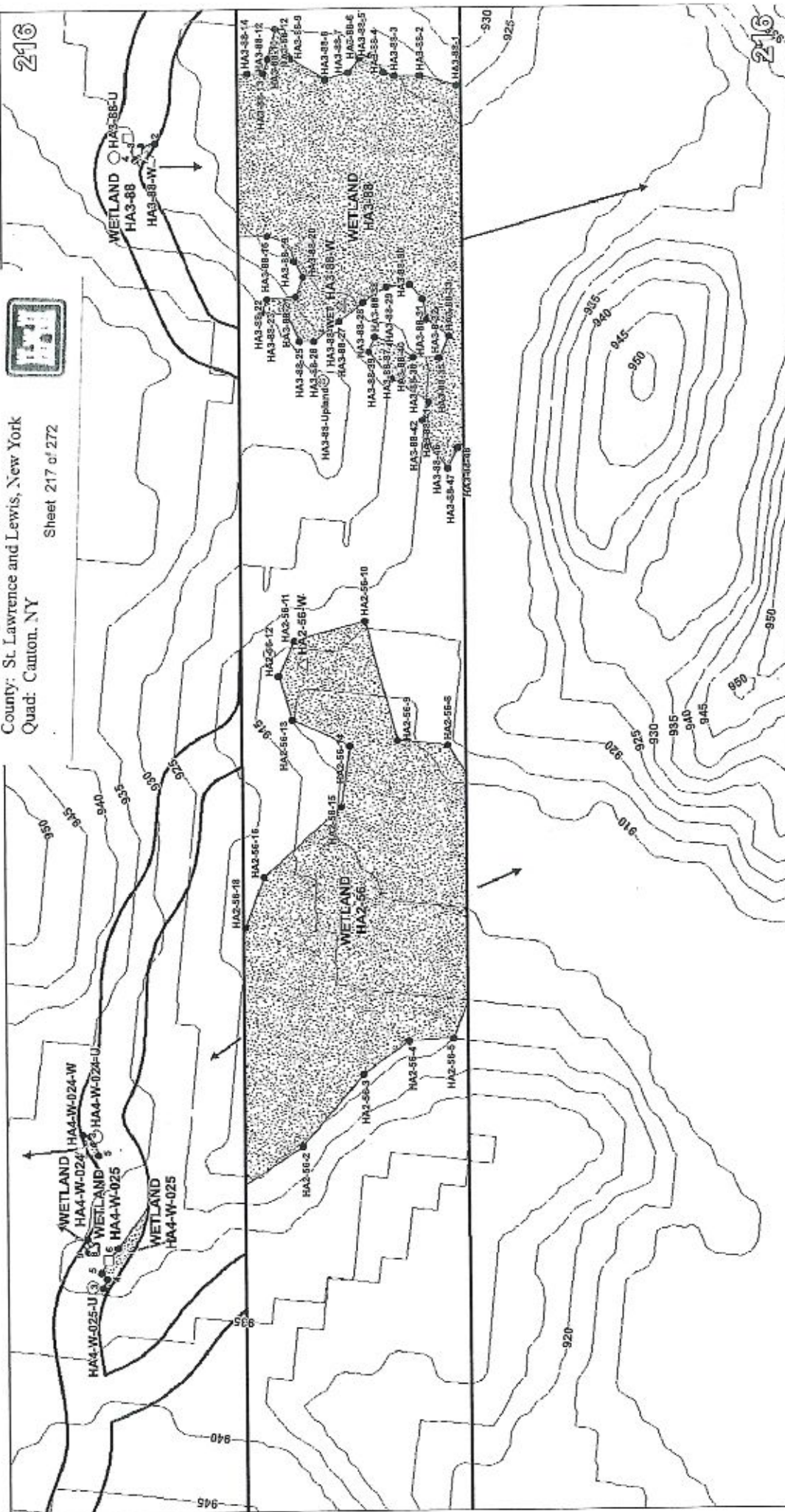
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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216



☐ Upland

- Polymers
- Polymers
- Polymers

L Delneate

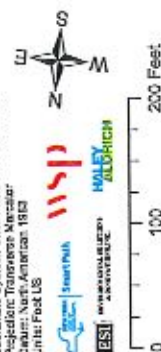
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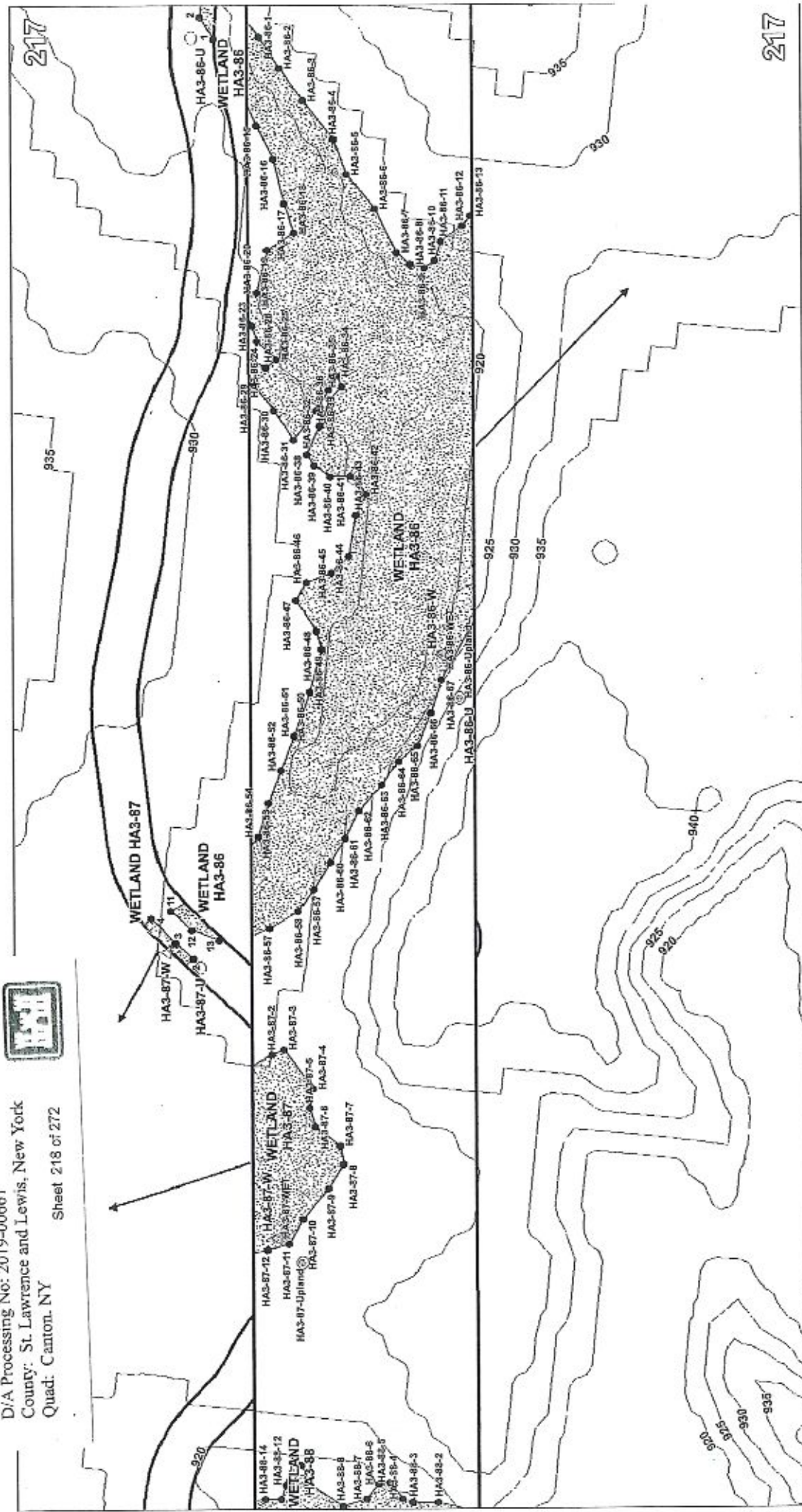
Field-Delineated St

Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 216 of 271





Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Continues Off-Site - Field-Delineated Stream - Field-Delineated Wetland - Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Title 217 of 271
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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

Scale: 0 100 200 Feet

North Arrow

Logos: WSP, HALEY ALDRICH, ESRI, SmartPath

Sheet Number: 217 of 271

NYPA

PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

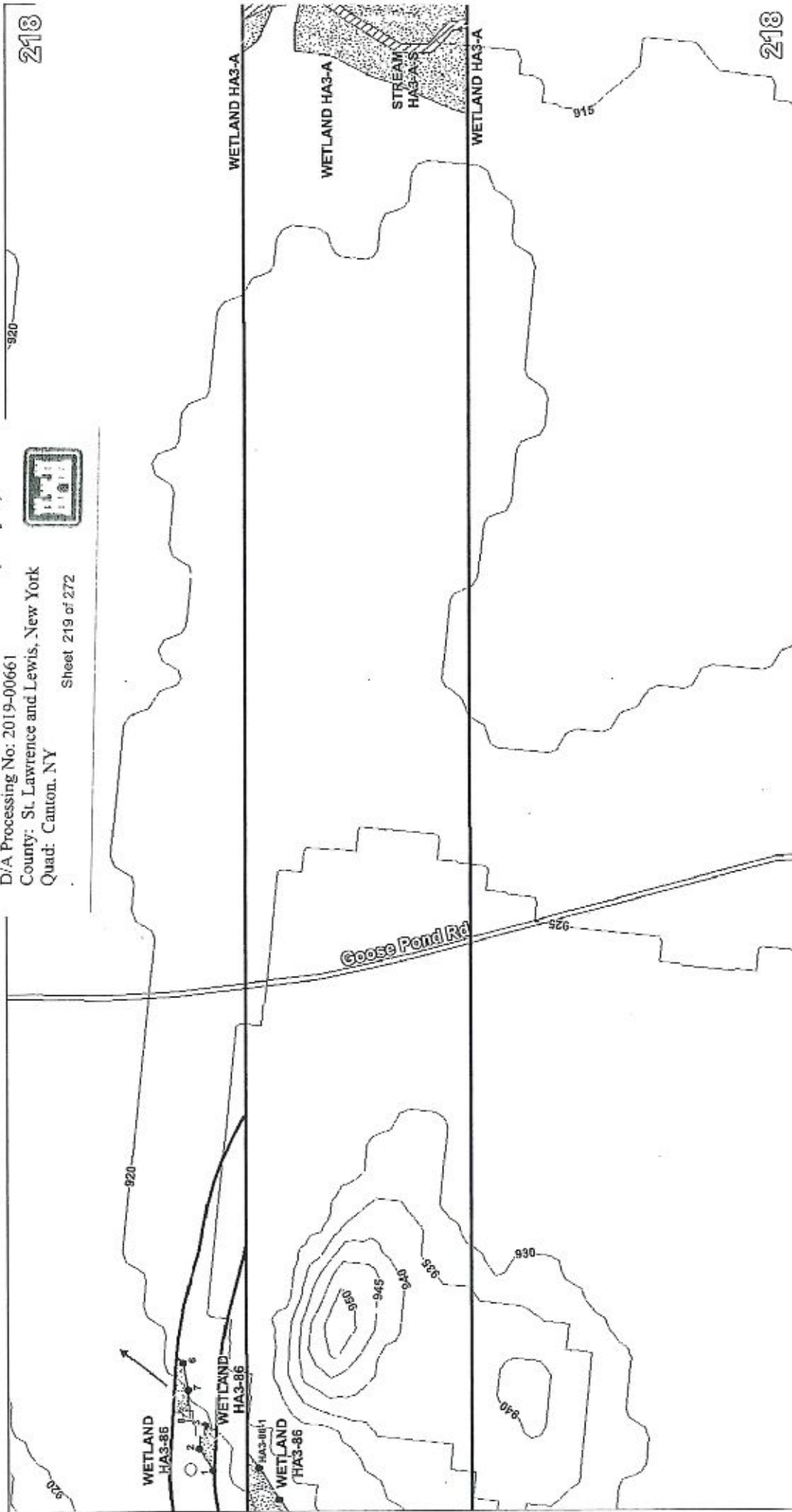
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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218



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

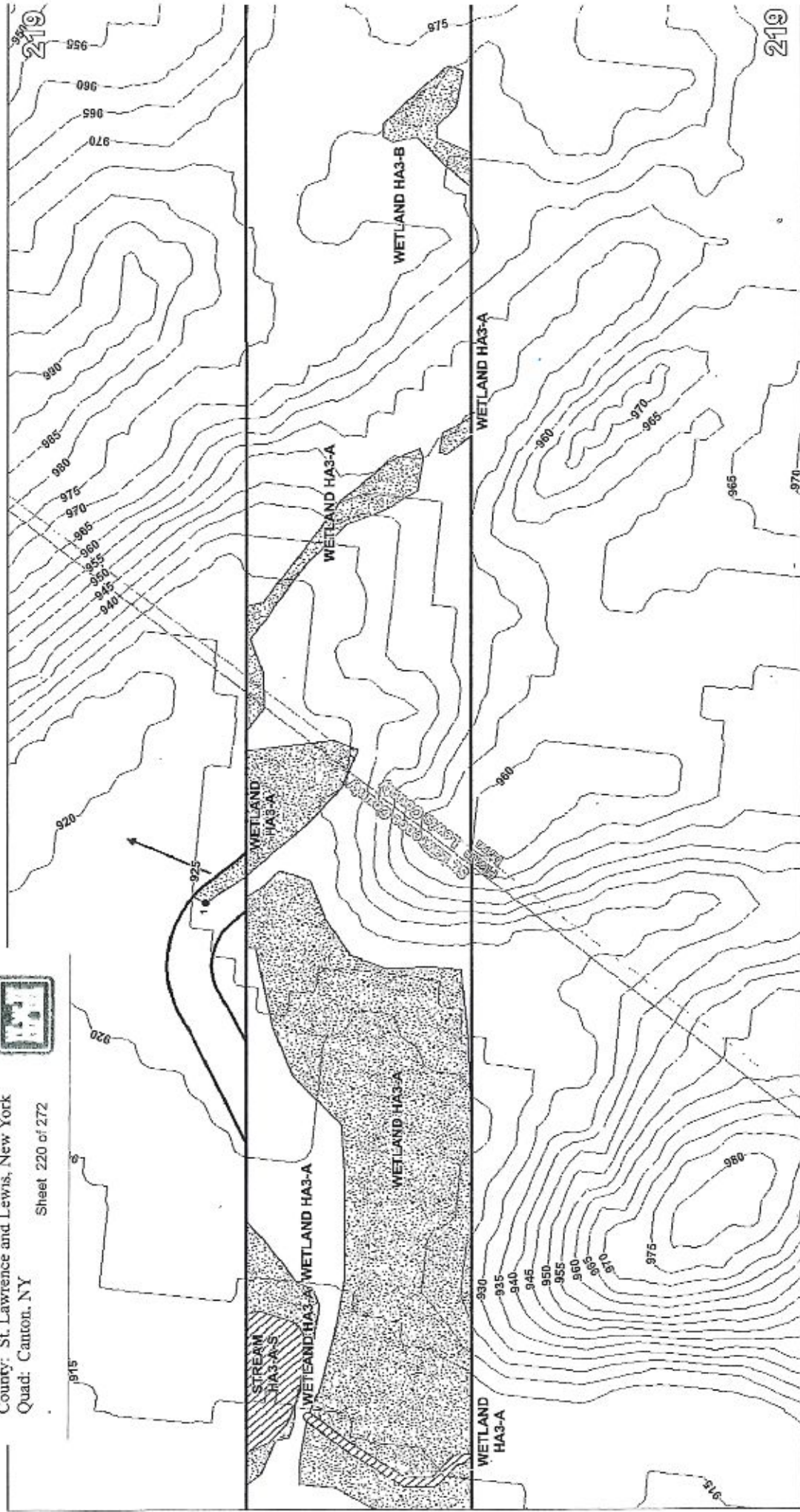
Tile 218 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



0 100 200 Feet

215 216 217 218 219 220 221 222



Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site → Field-Delineated Stream → Field-Delineated Wetland → Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 219 of 271
Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American '83 Units: Feet US ESRI WSP MDC NYSDOT 0 100 200 Feet North Arrow 219		

NYPA

PJD

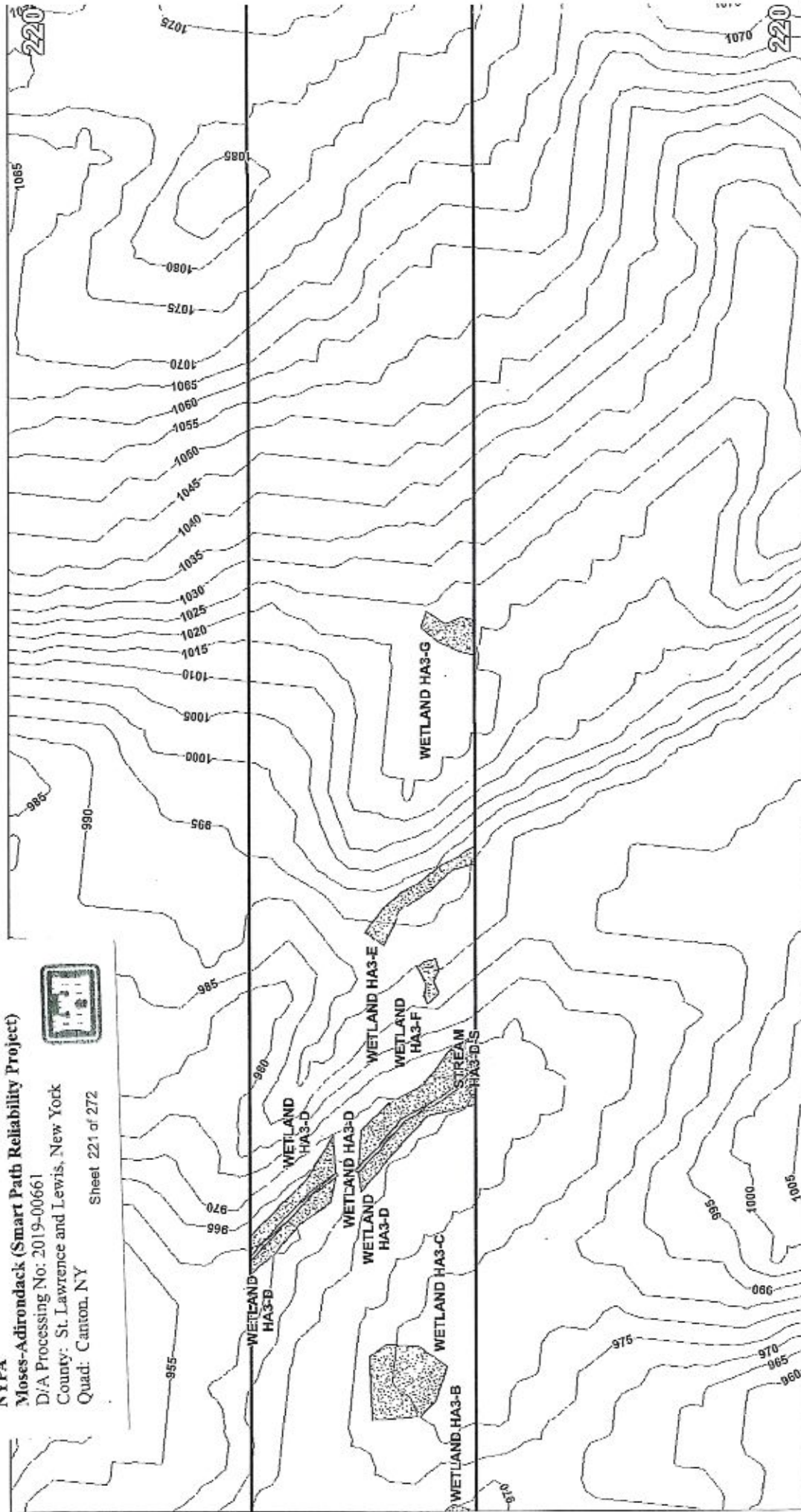
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 221 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

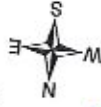
Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 220 of 271

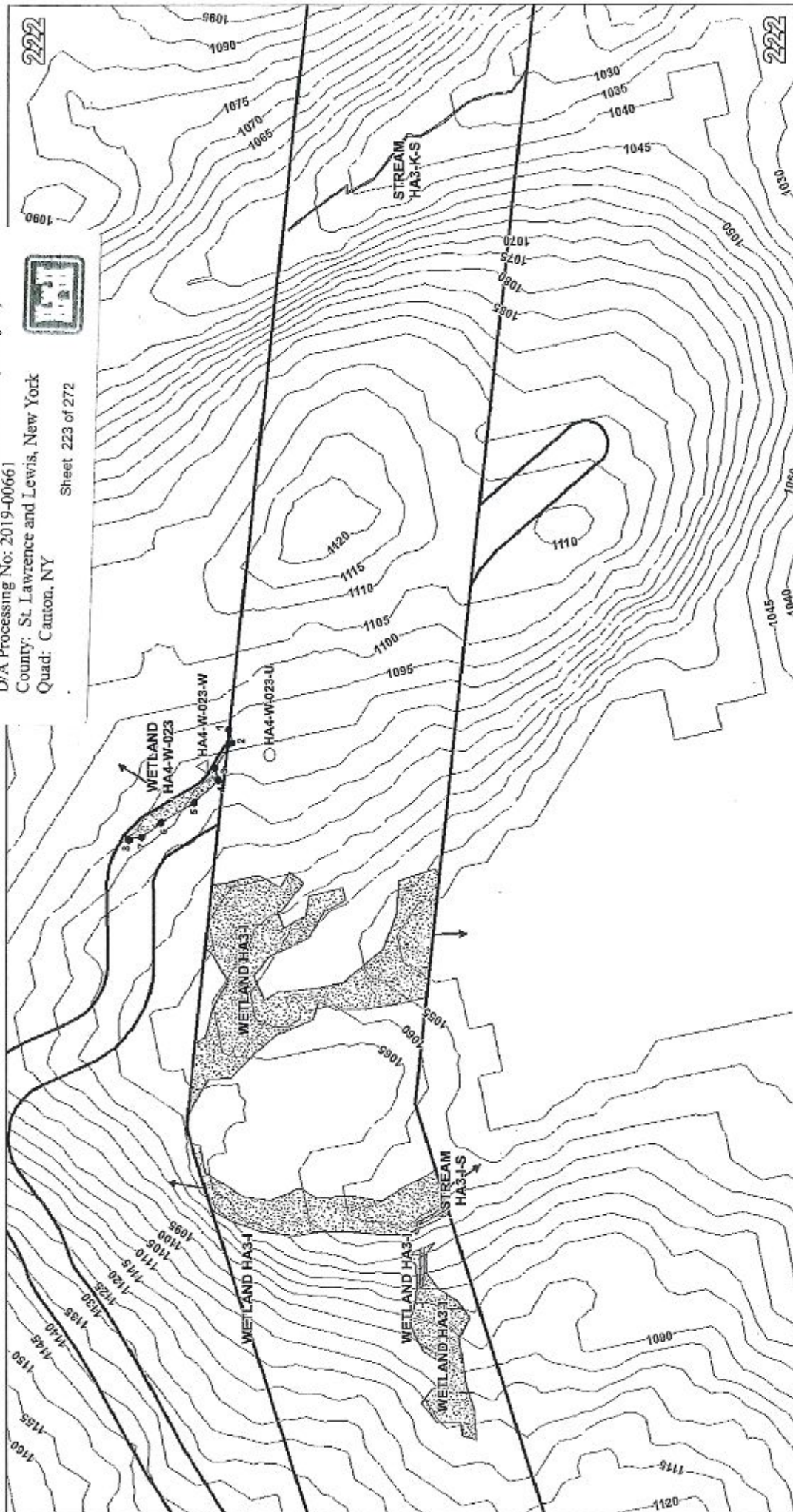
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Units: Feet US





NYPA
Moses-Adirondack (Smart Path Reliability Project)
D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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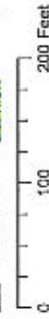


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 222 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



PJD

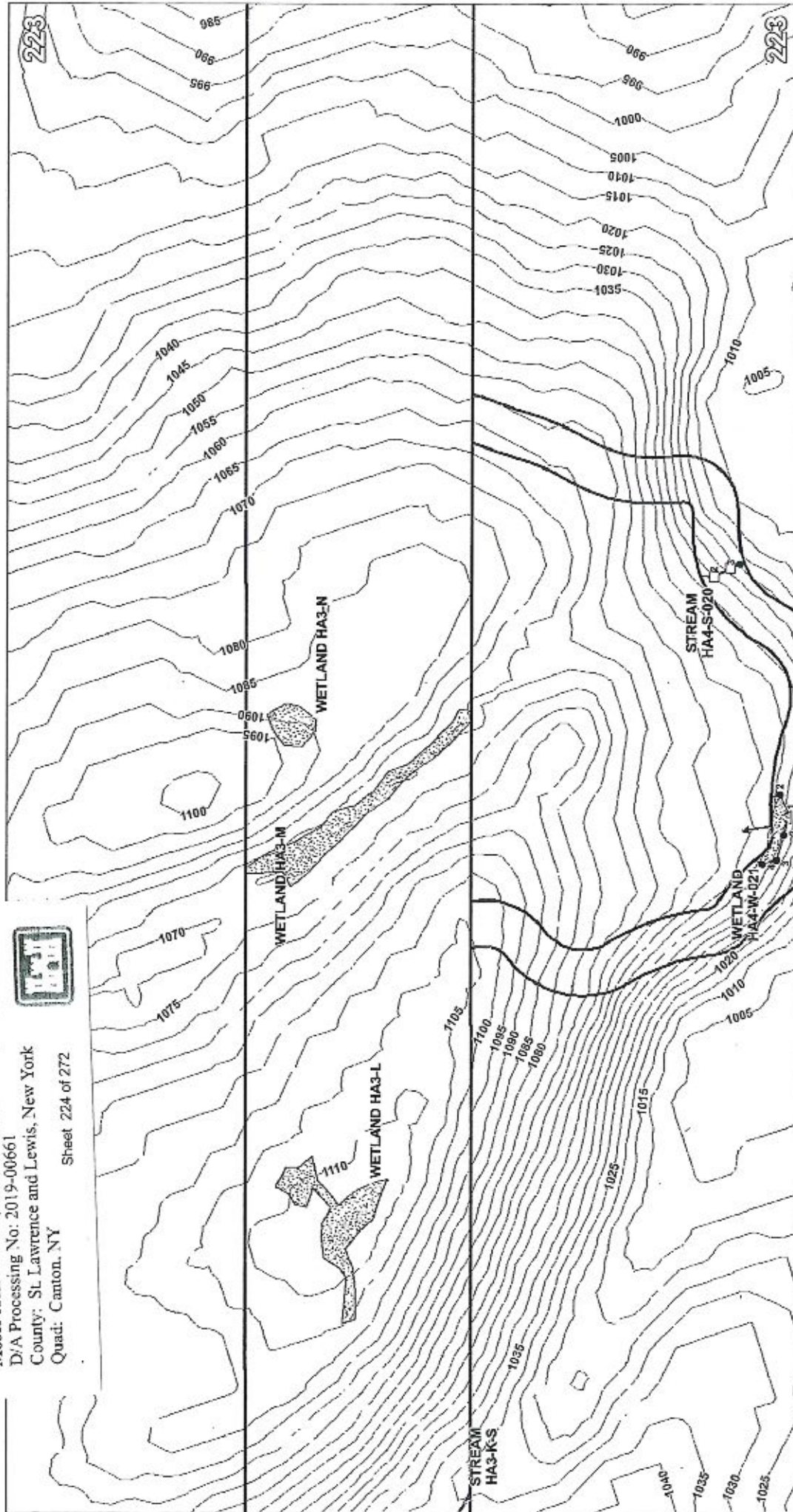
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 224 of 272

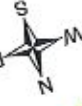


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

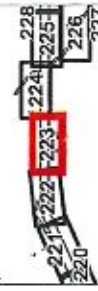
Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 223 of 271

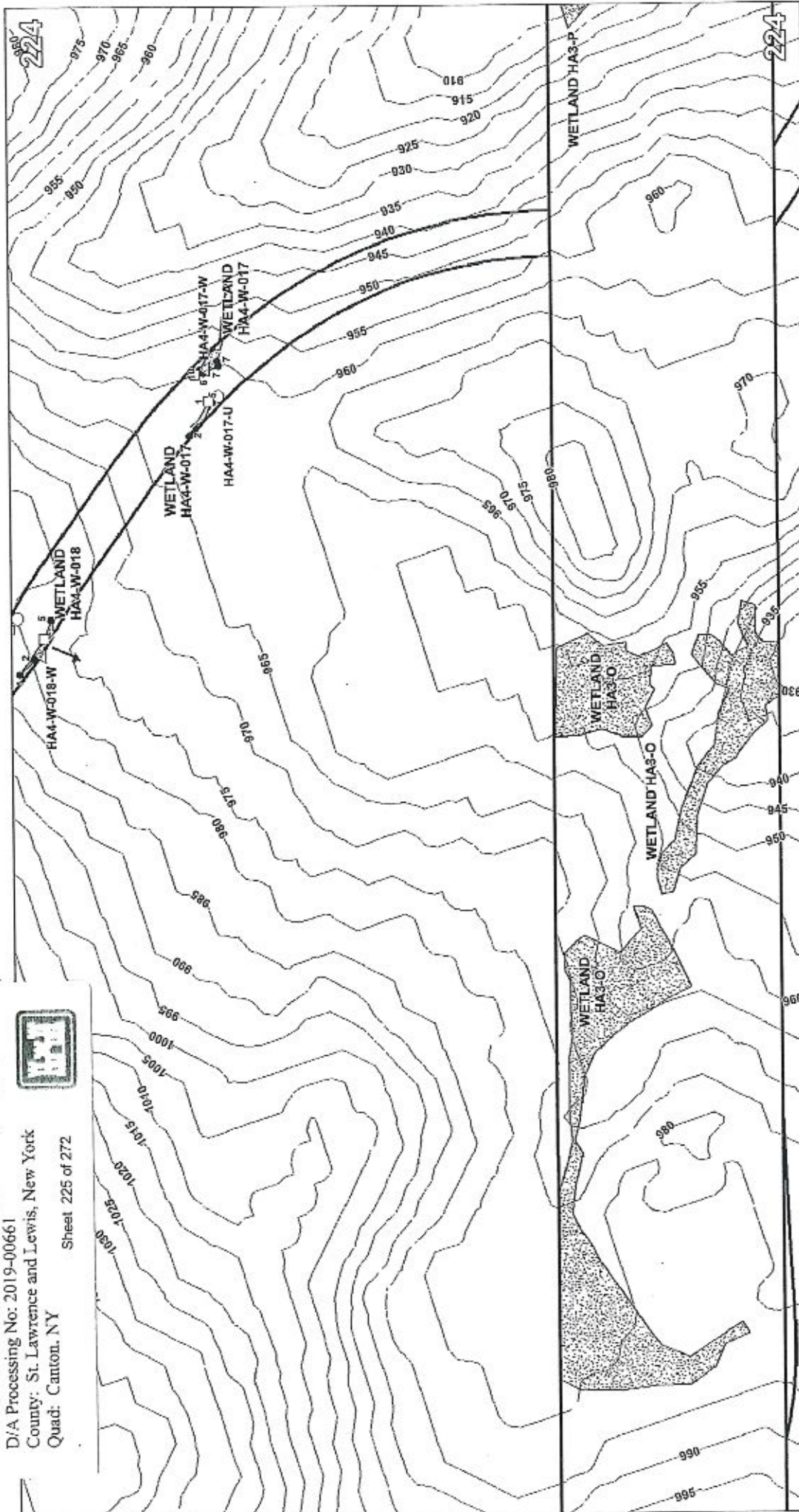
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1833
Units: Feet US



0 100 200 Feet



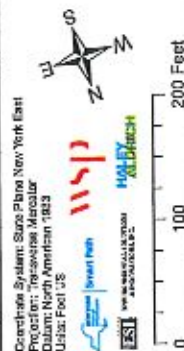
NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 225 of 272



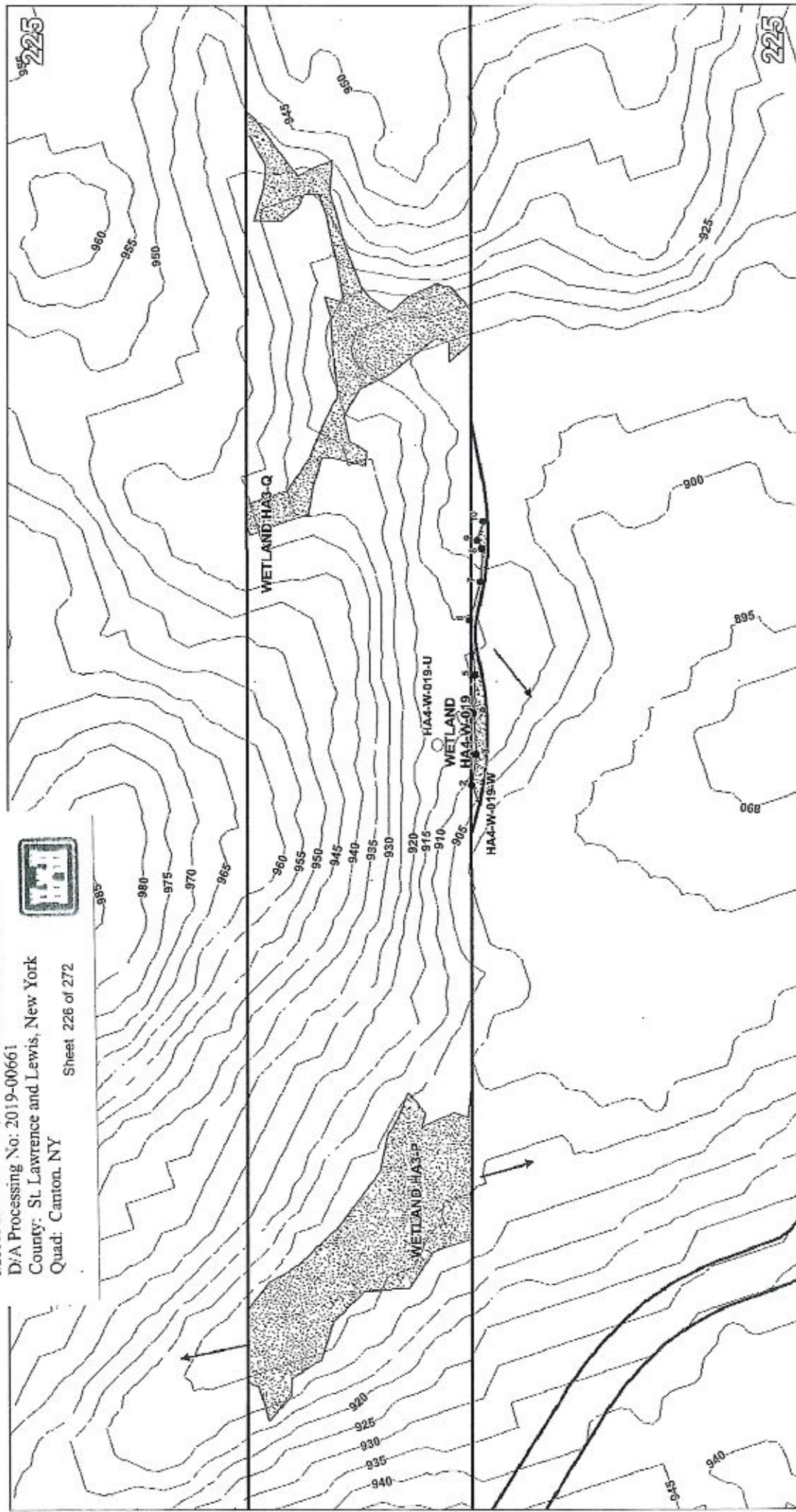
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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NYPA
Moses-Adirondack (Smart Path Reliability Project)
 PJD
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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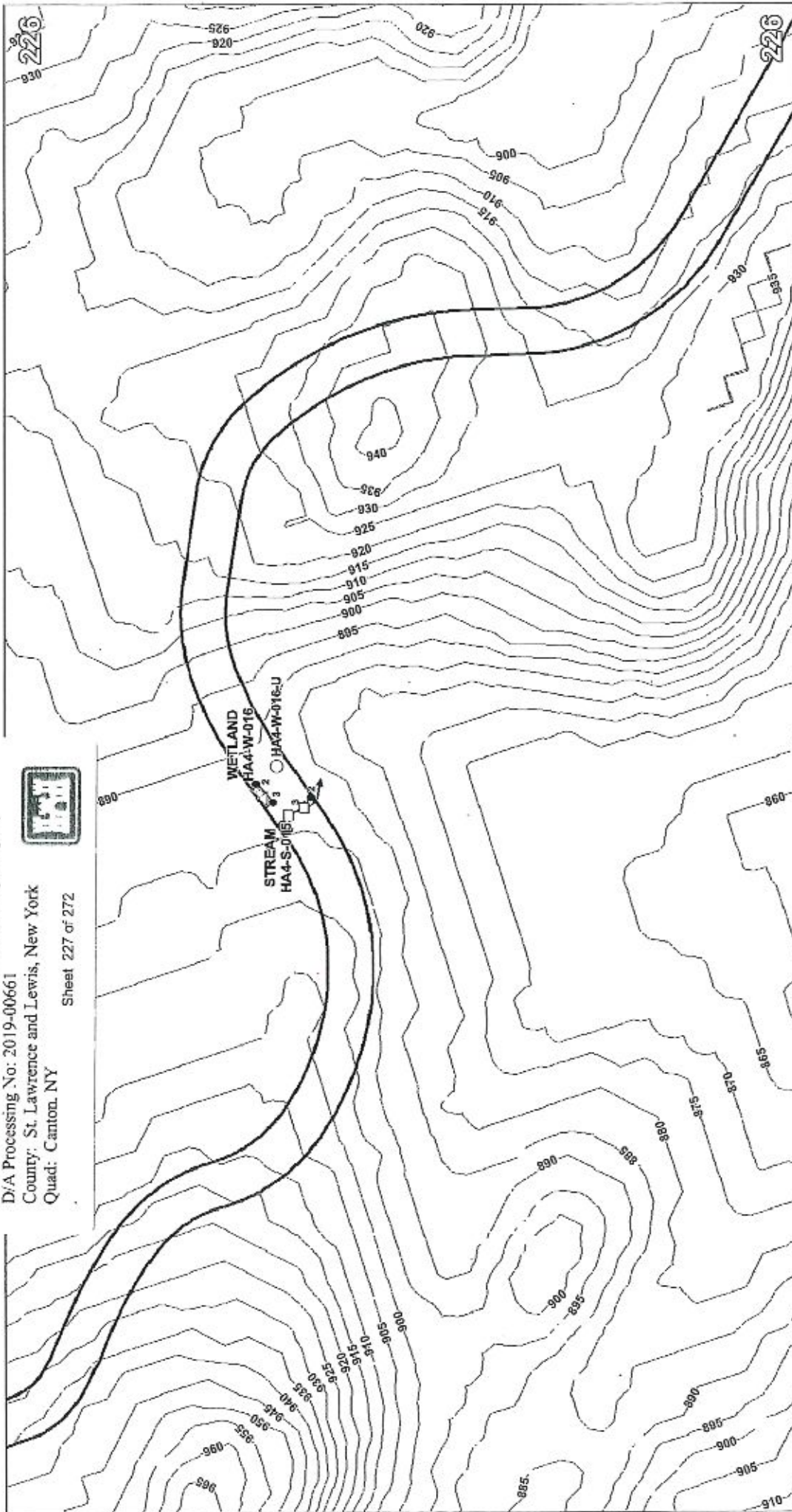


Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert → Continues Off-Site ▨ Field-Delineated Stream ▨ Field-Delineated Wetland ▨ Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 226 of 271	Coordinate System: State Plane New York East Projection: Transverse Mercator Datum: North American 1983 Units: Feet US wsp WATERSHED SERVICES Smart Path WSP 0 100 200 Feet 222 223 224 225 226 227 228 229 230
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 226 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 WETLAND SURVEY PROJECT

ESRI
 Environmental Systems Research Institute

0 100 200 Feet

NYPA

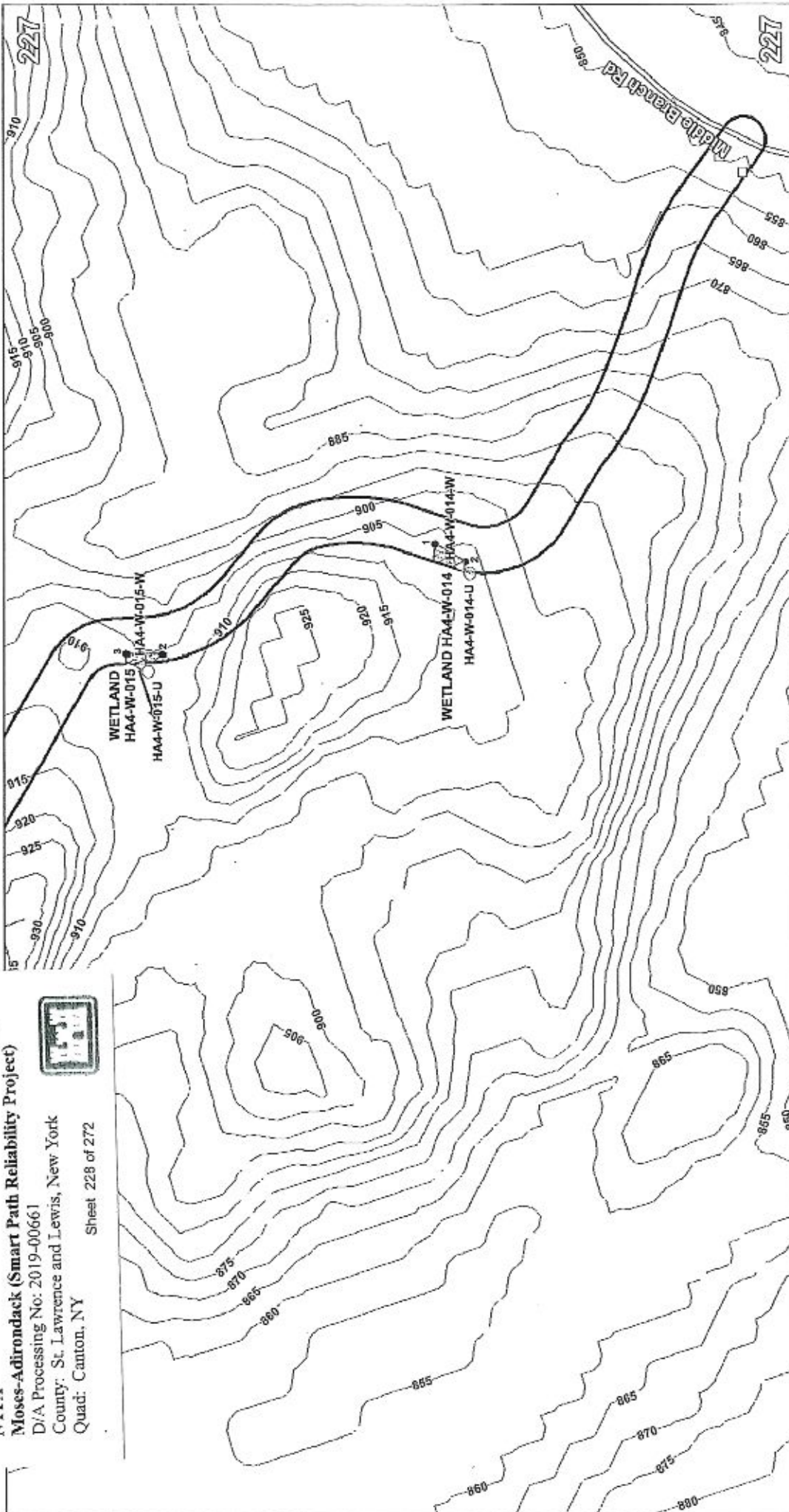
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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O. Upland

- **Positioning**
- **Product**

☐ Delneal

Field-Deflected St...

[illegible]

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 227 of 271

Coordinate System: State Plane
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US



WILEY

200 Feet

100

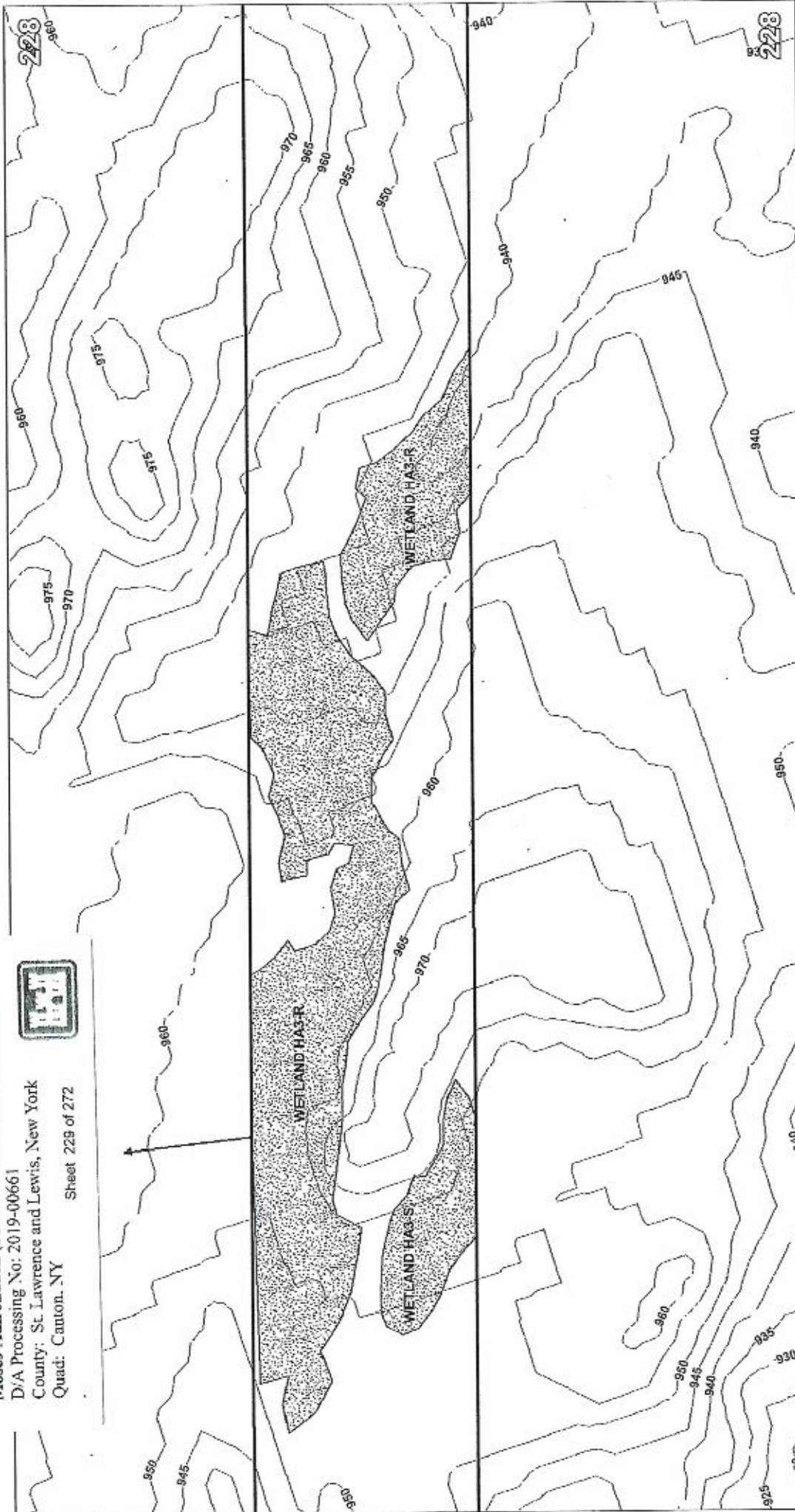
1

1

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

Sheet 228 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

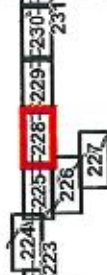
Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 228 of 271

Coordinate System: State Plane New York East
 Datum: North American 1883
 Units: Feet US



NYPA

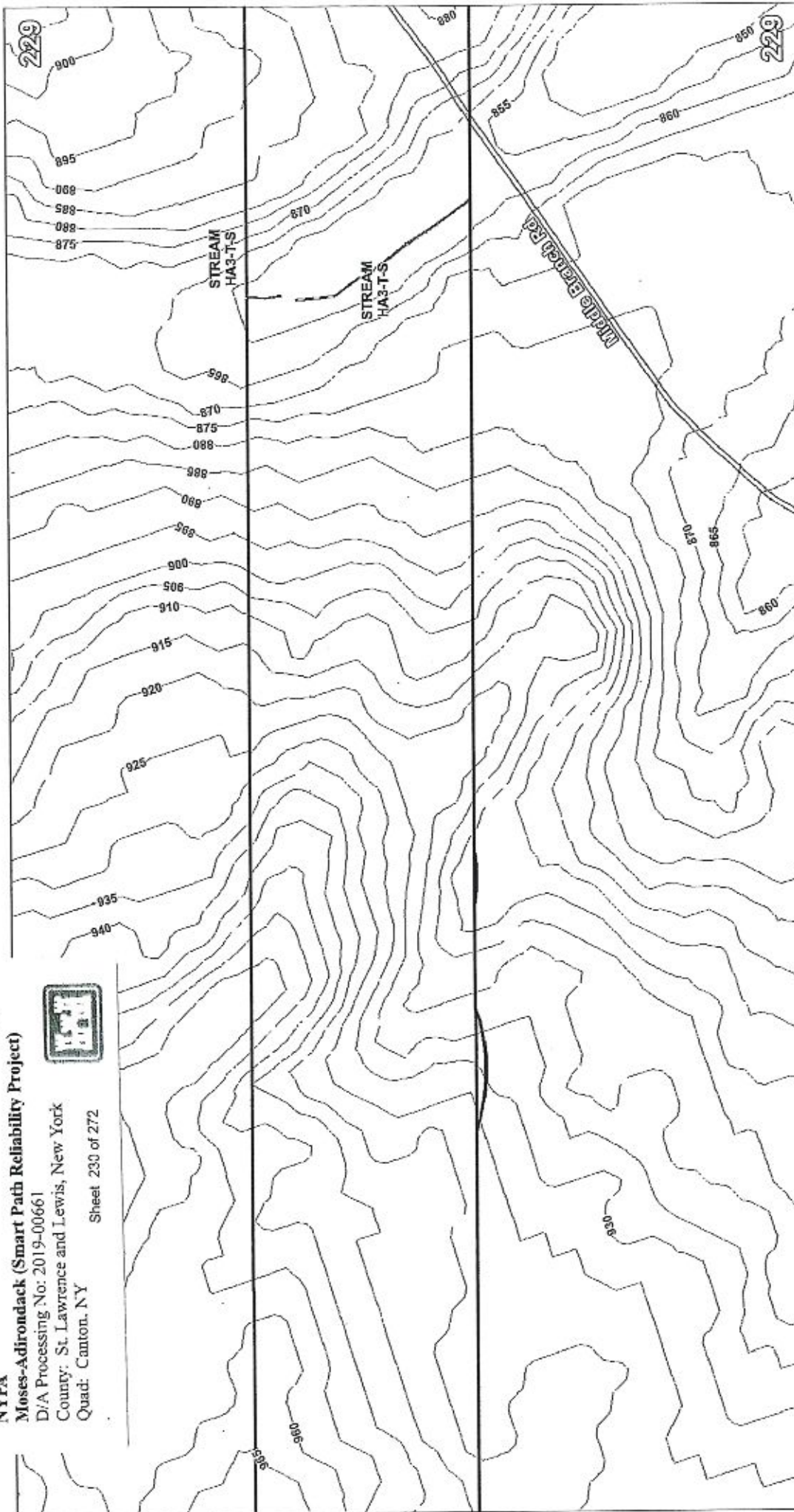
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 230 of 272



Sample Point

U Ireland

☐ Optimal

Δ Wetland

- Delineate

→ Continues Off-Site

 Field-Nelineated Stream

Field-Definitive Stream

 Field-Well-Heated V

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 229 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet 1983

Projection: Transverse Mercator

FEEL UNUSUAL? DON'T WORRY!
1-800-877-1188

2011

 Smart Path

4

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Journal of Internal Medicine 255: 103–110

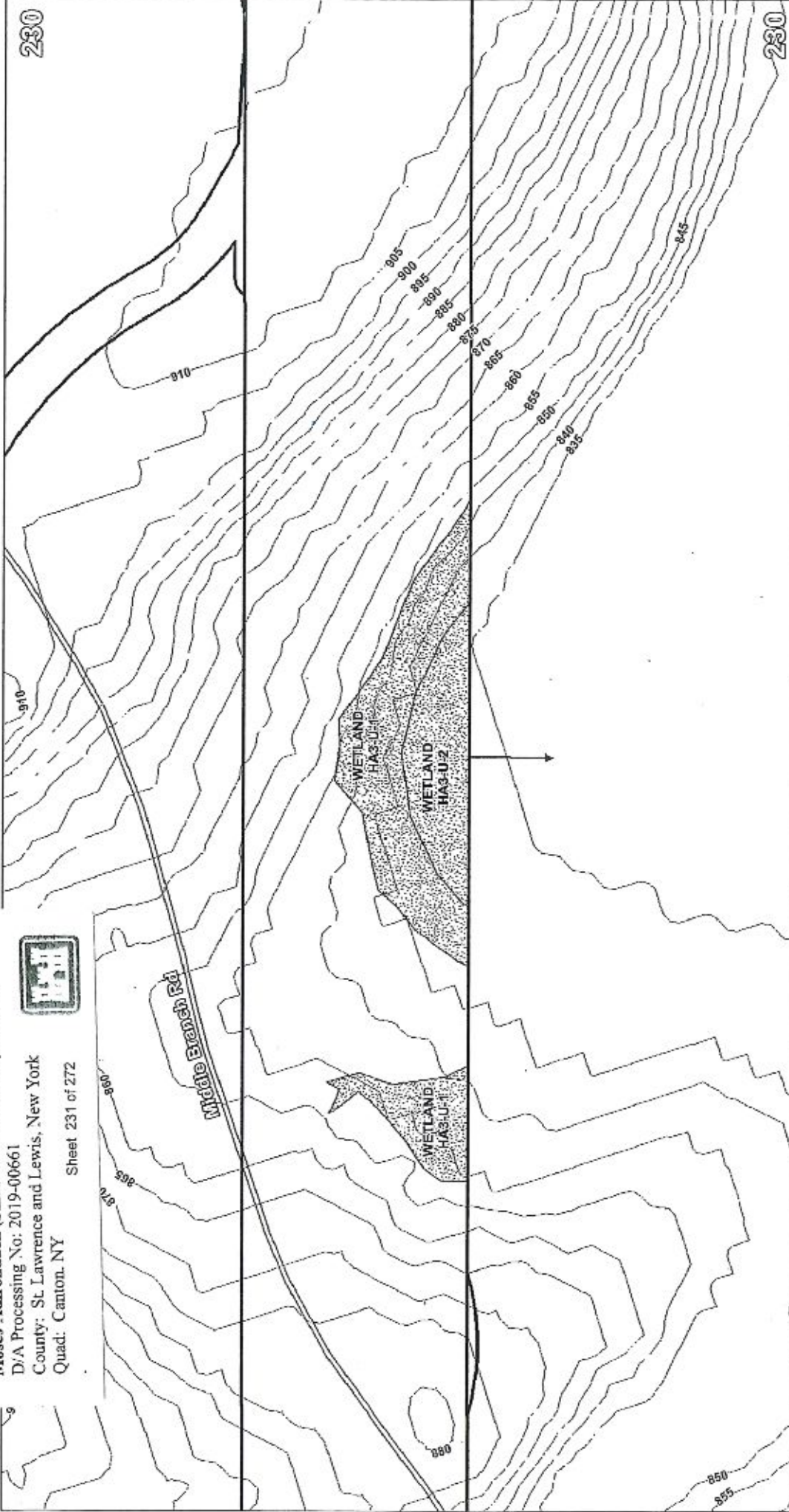
1

200 Feet

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 230 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

wsp
 WETLAND SURVEY PROJECT

ESRI
 ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE

ESRI
 ENVIRONMENTAL SYSTEMS RESEARCH INSTITUTE

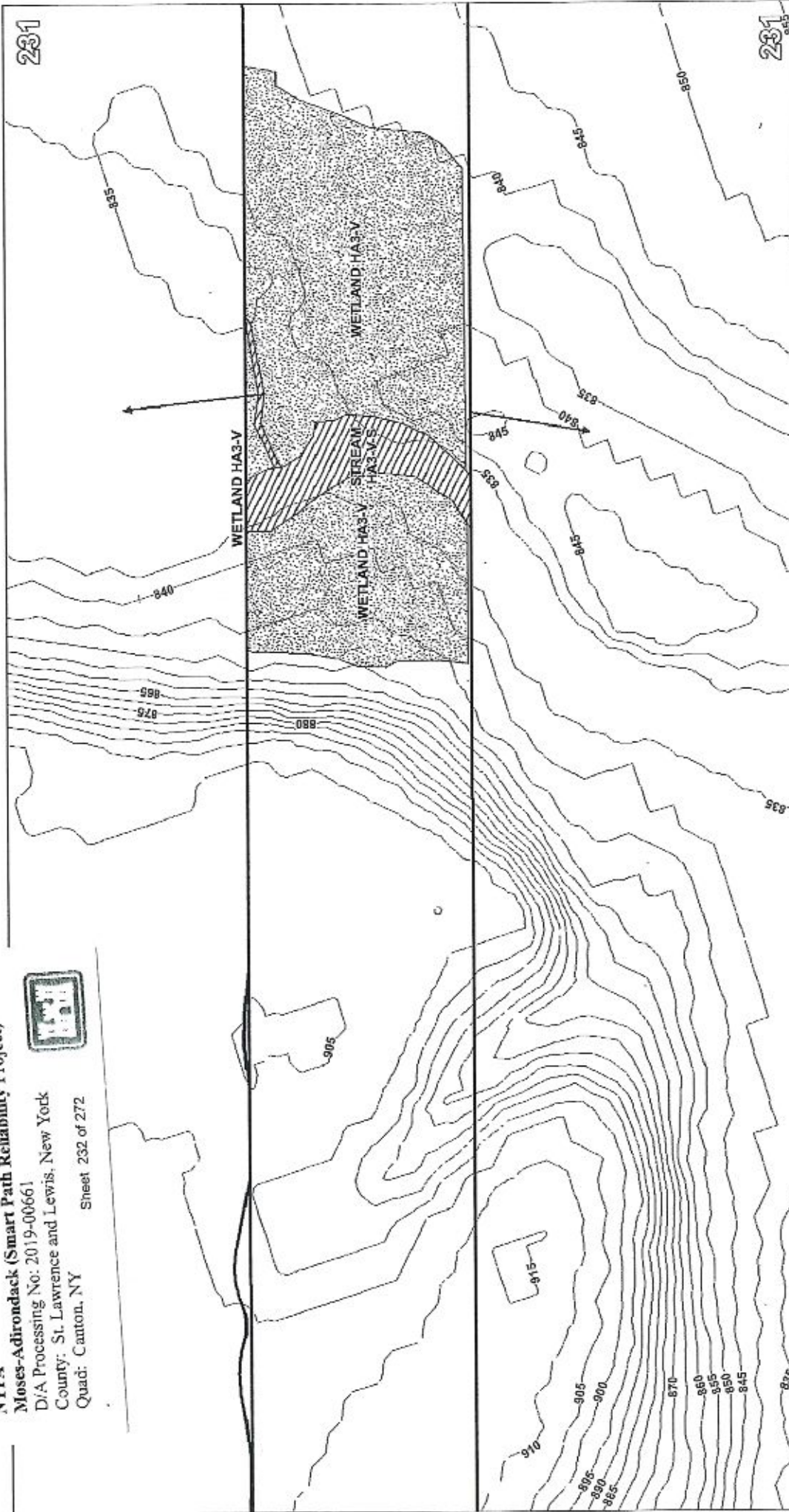
0 100 200 Feet

227 228 229 230 231 232 233

PJD

NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Title 231 of 271

Coordinate System: State Plane New York Zone
Projection: NAD 83
Datum: North American 1983
Units: Feet US

WSP
Wetland Science Partners

MAHLEIGH
MAHLEIGH

BSI
Bioscience Resource Institute

0 100 200 Feet



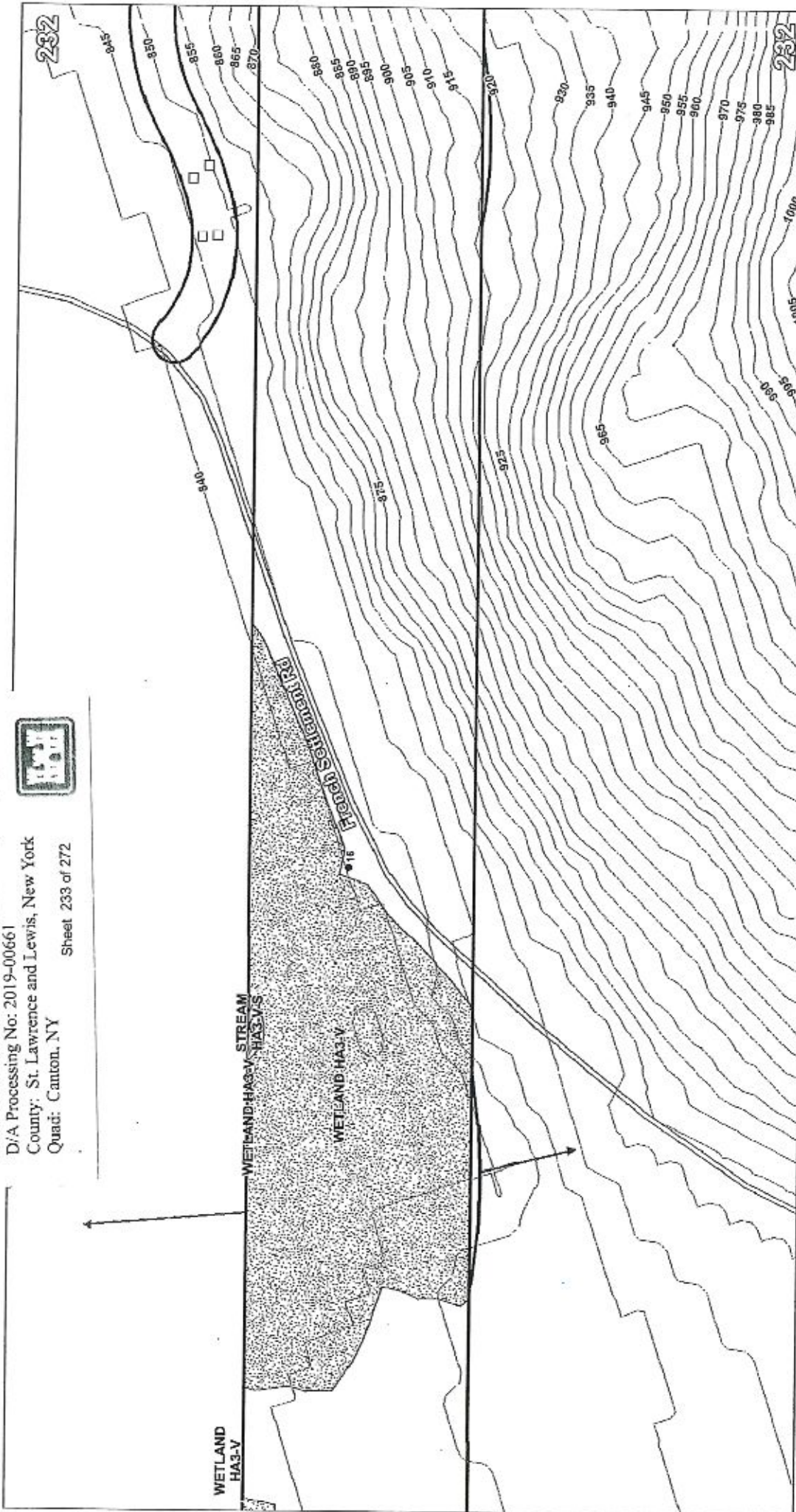
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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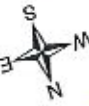


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 232 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Unit: Feet US



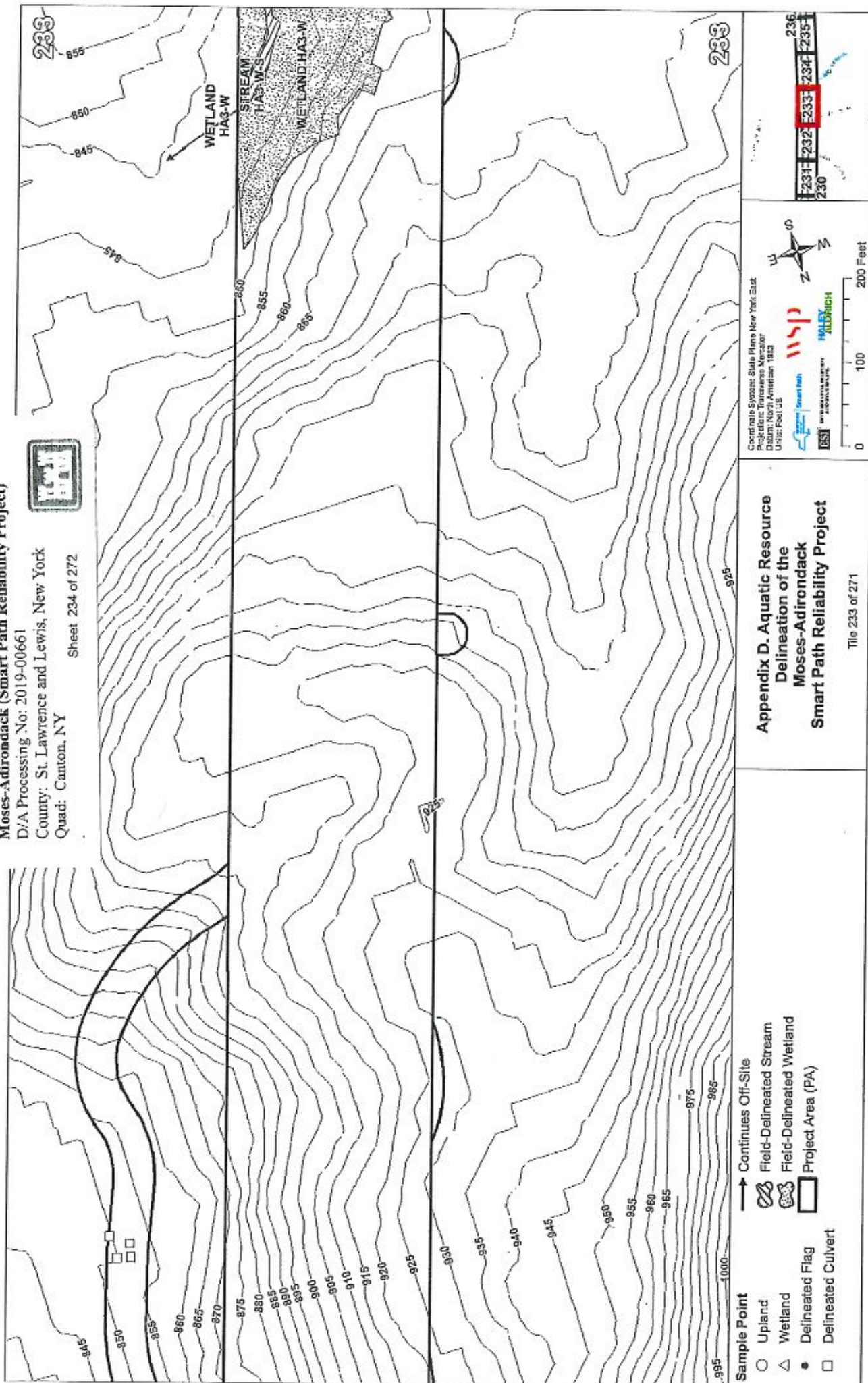
WSP
Wetland
Wetland

235
230 231 232 233 234
229

NYPA
Moses-Adirondack (Smart Path Reliability Project)

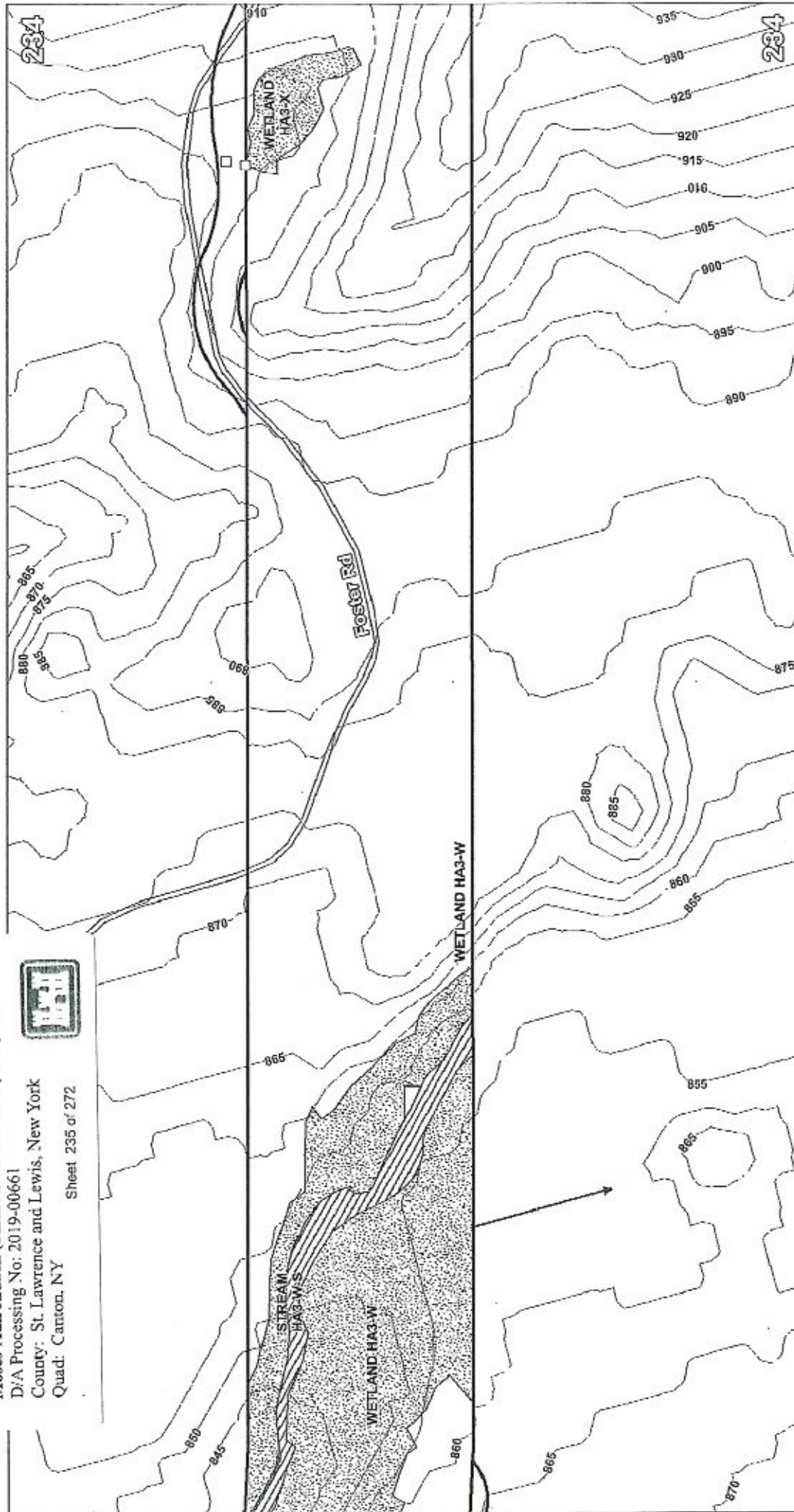
D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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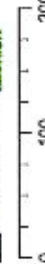
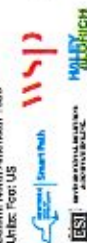
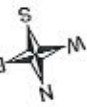


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Projection: NAD 83
 Datum: North American 1983
 Units: Feet US



NYPA

PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

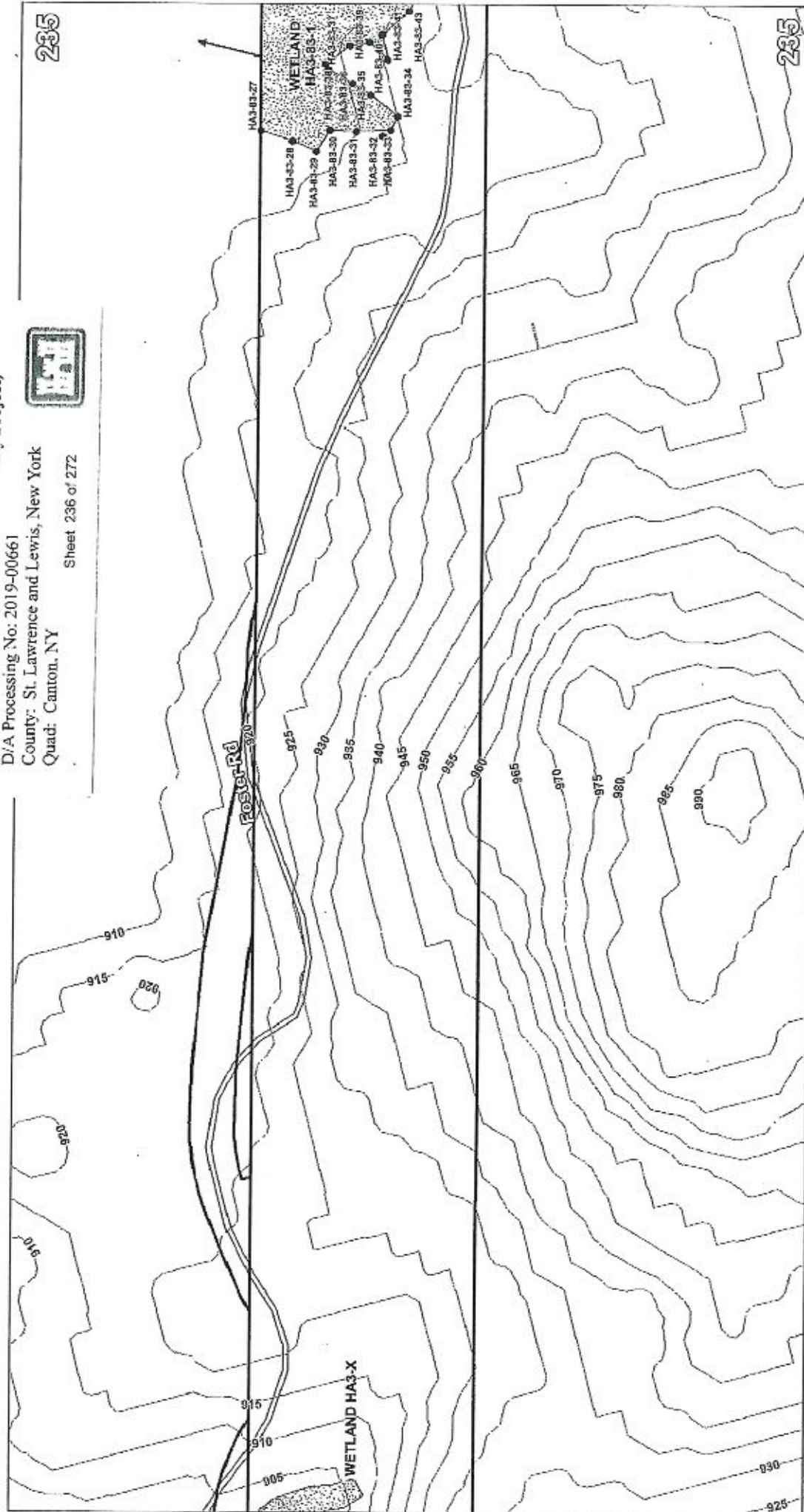
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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235



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

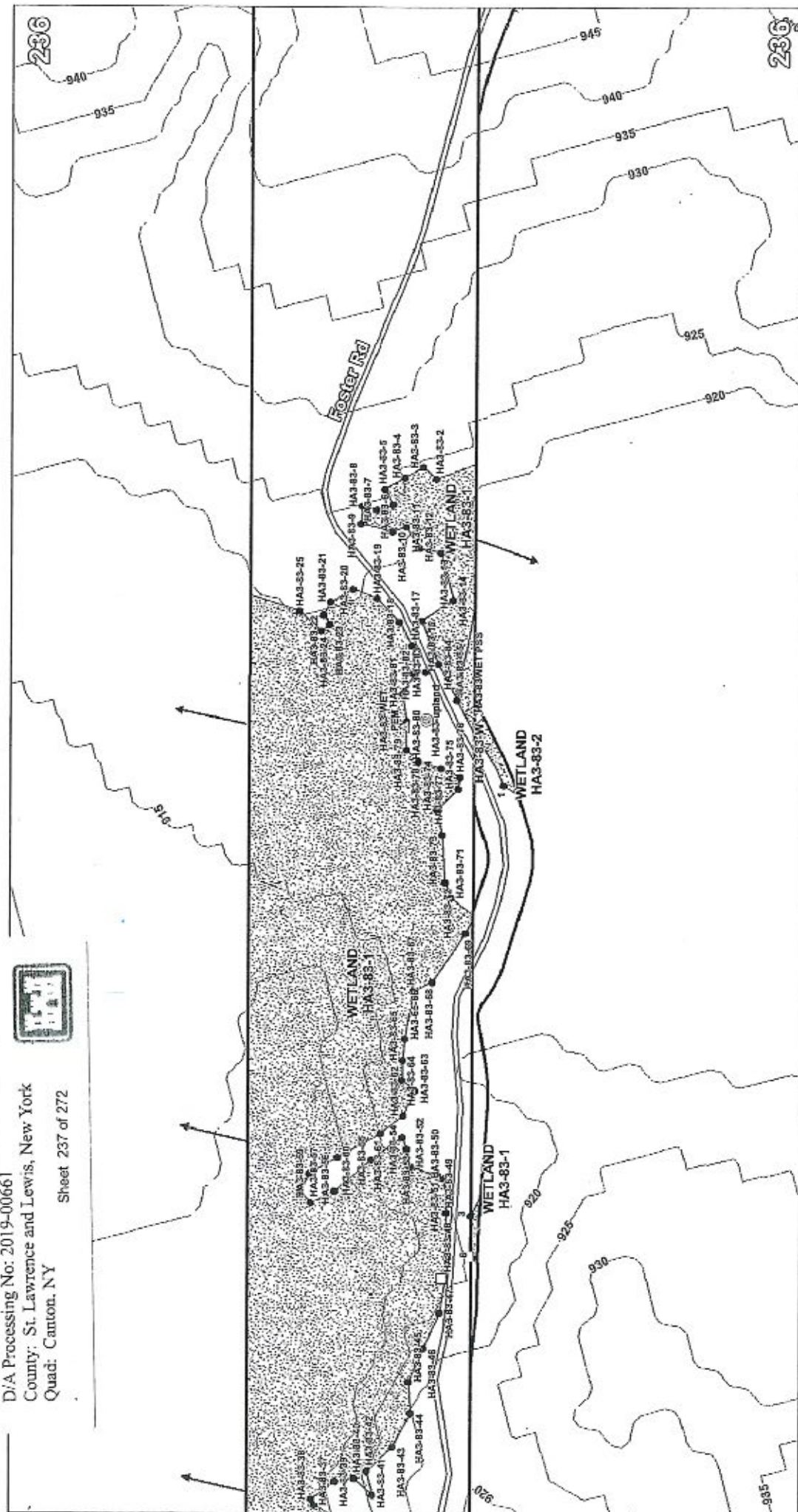
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 235 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



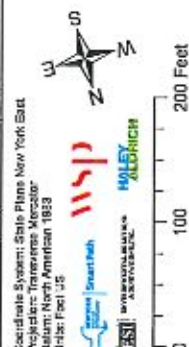
233-234-235-236-237



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US



233
 234
 235
 236
 237
 238

NYPA PJD

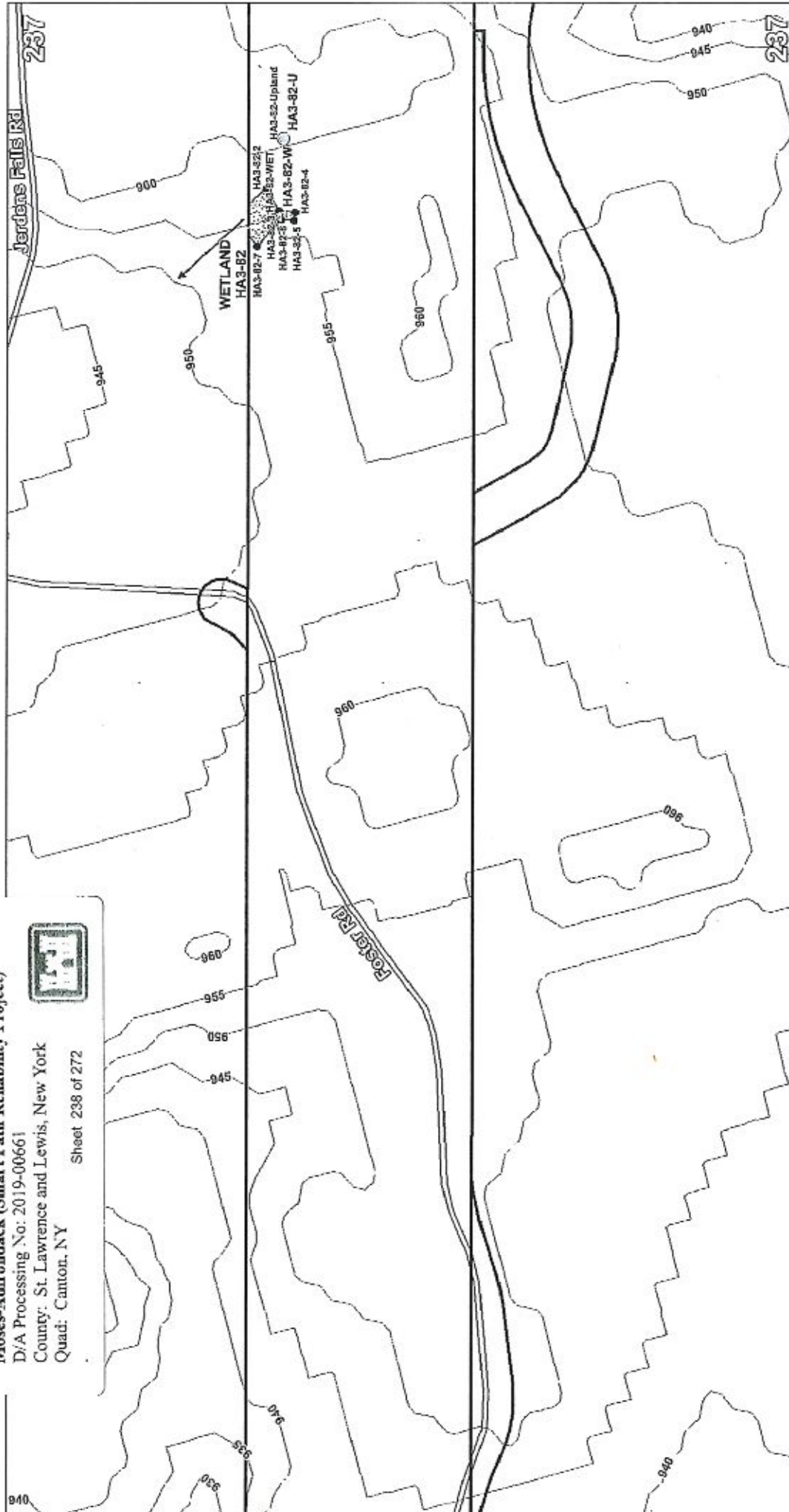
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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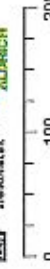


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



PJD

Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

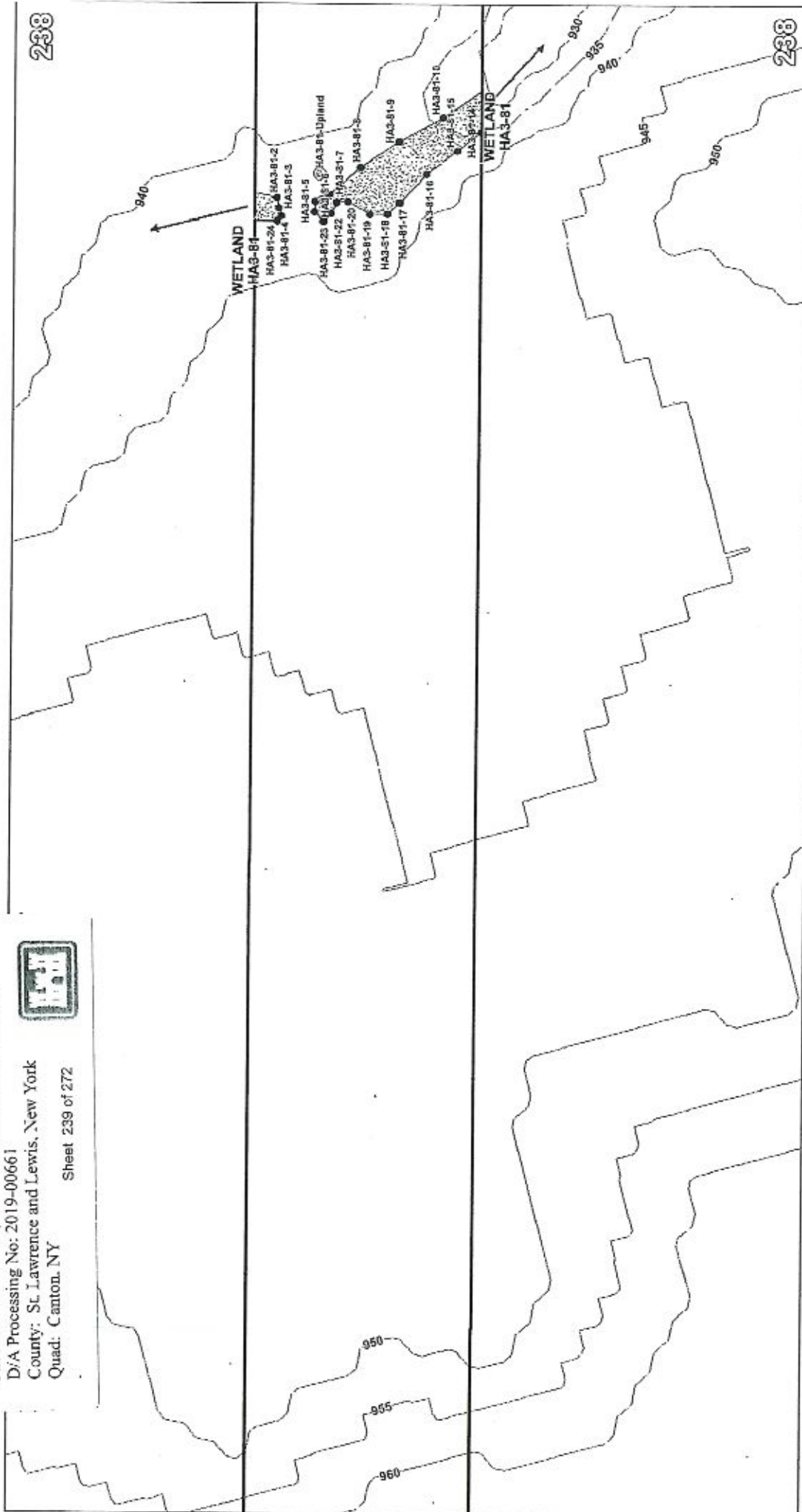
County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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238



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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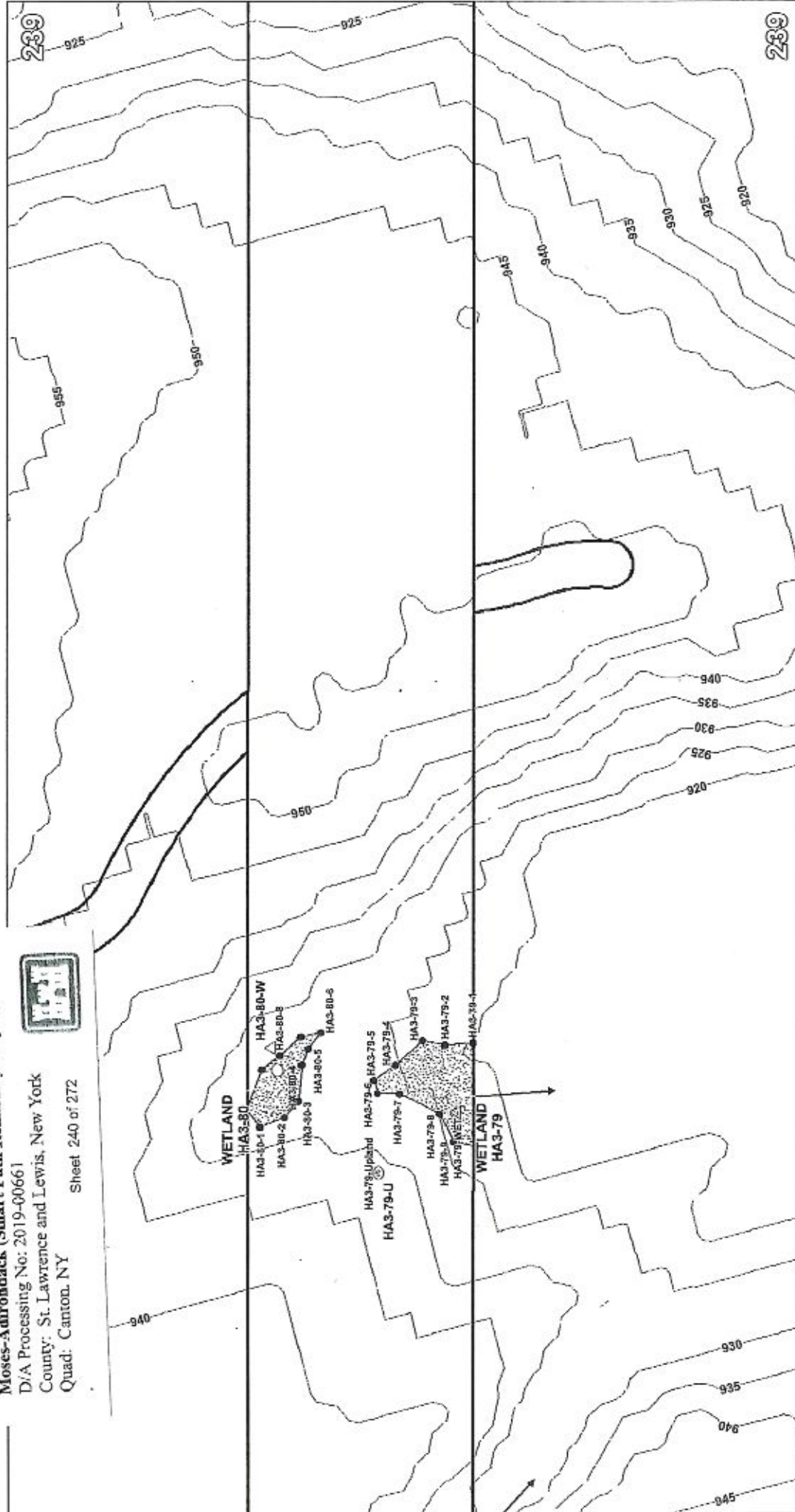
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



236
237
238
239
240

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

WSP
 Wetland Science Partners
 www.wetlandsciencepartners.org

ESRI
 Environmental Systems Research Institute
 www.esri.com

0 100 200 Feet

237 238 239 240 241

PJD

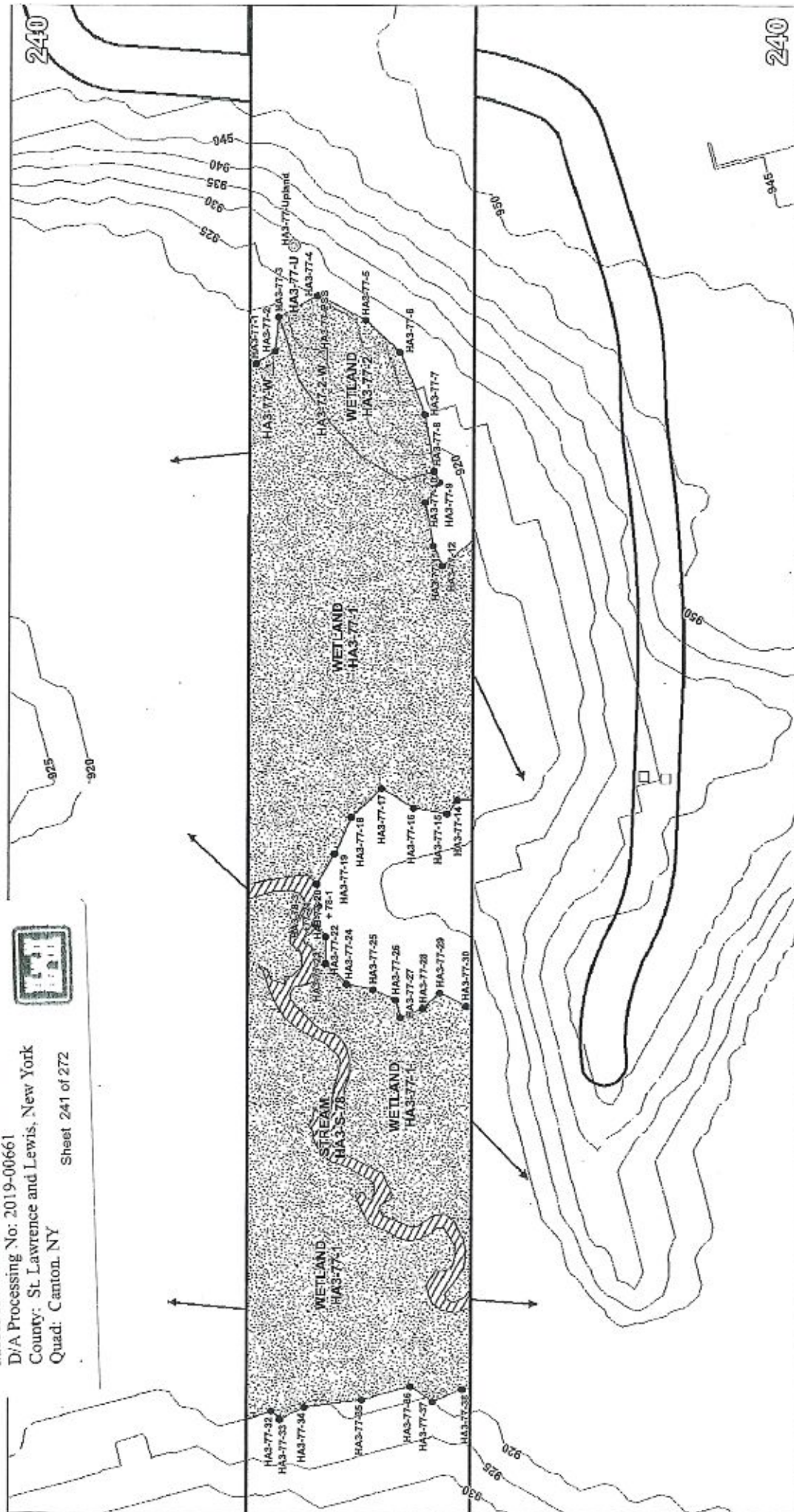
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



0 100 200 Feet



PJD

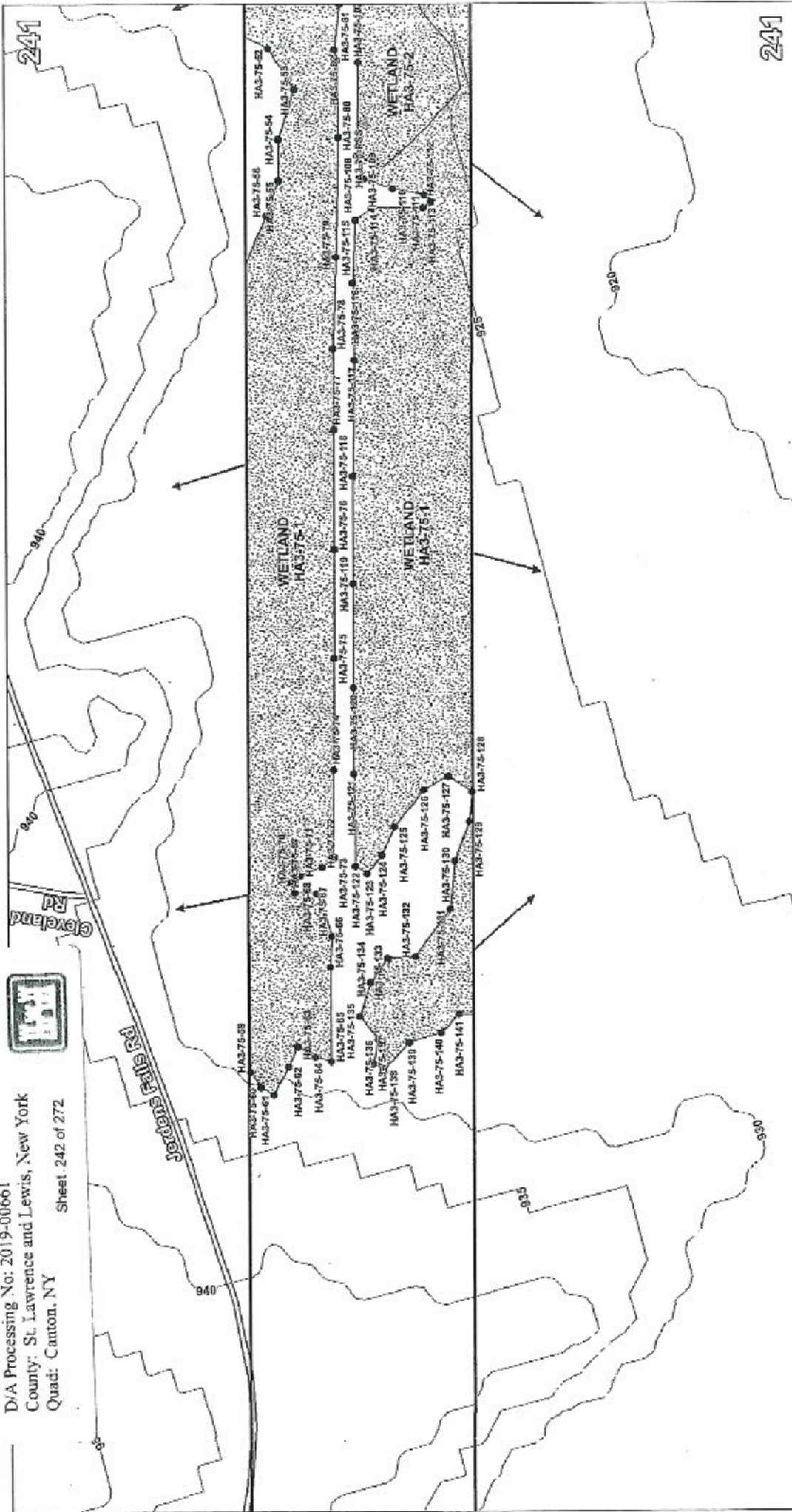
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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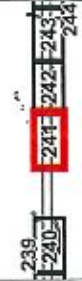
- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- ↑ Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
Horizontal: NAD83
Vertical: Mean Sea Level
Units: Feet US



County: St. Lawrence and Lewis, New York
Quad: Canton, NY

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→ Continues Off-Site

Continues Off-Site
Field-Delineated Stream
Field-Delineated Wetland
Project Area (PA)

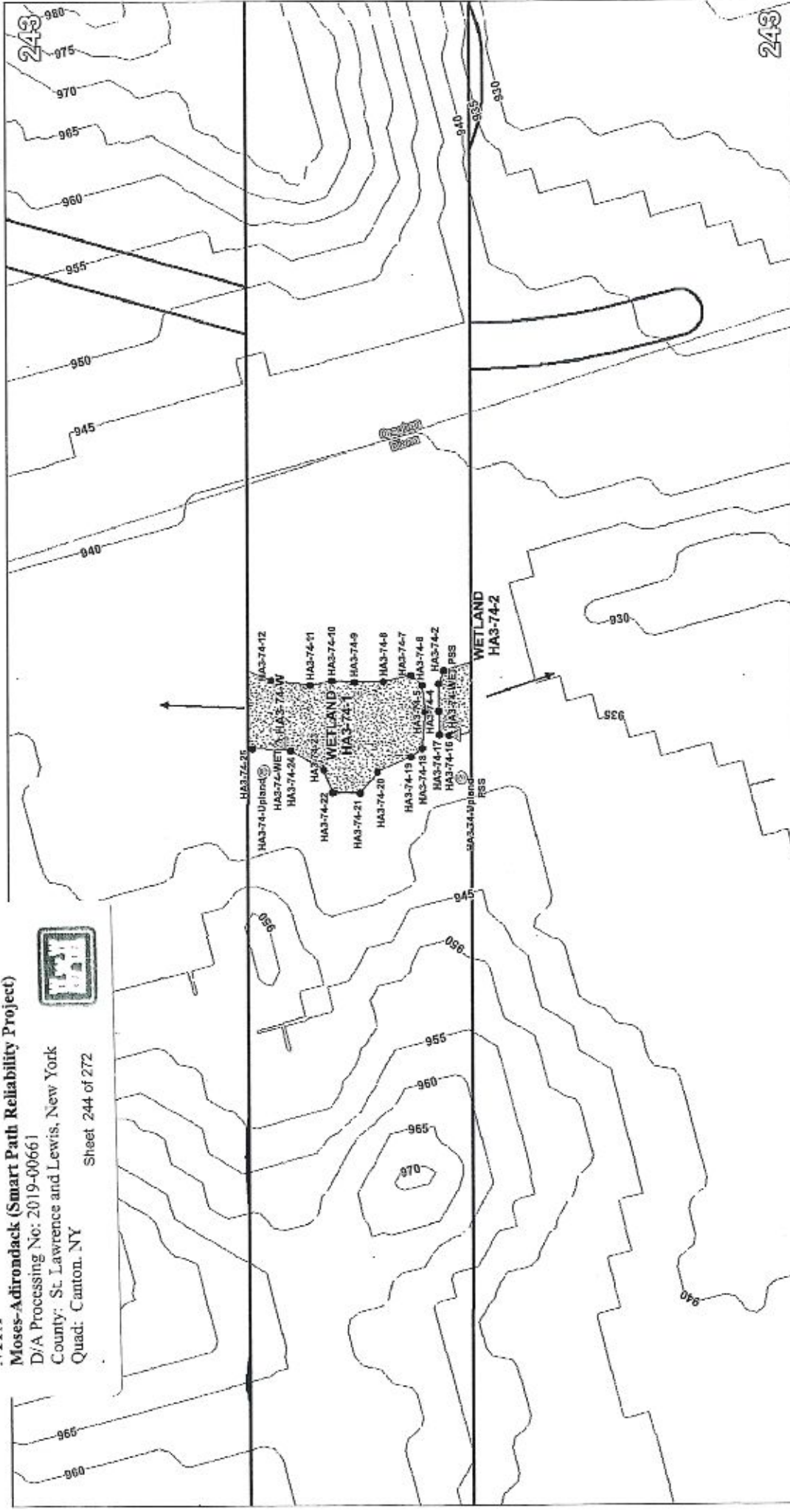
**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 242 of 271



NYPA
Moses-Adirondack (Smart Path Reliability Project)
 PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 244 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 243 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Foot US

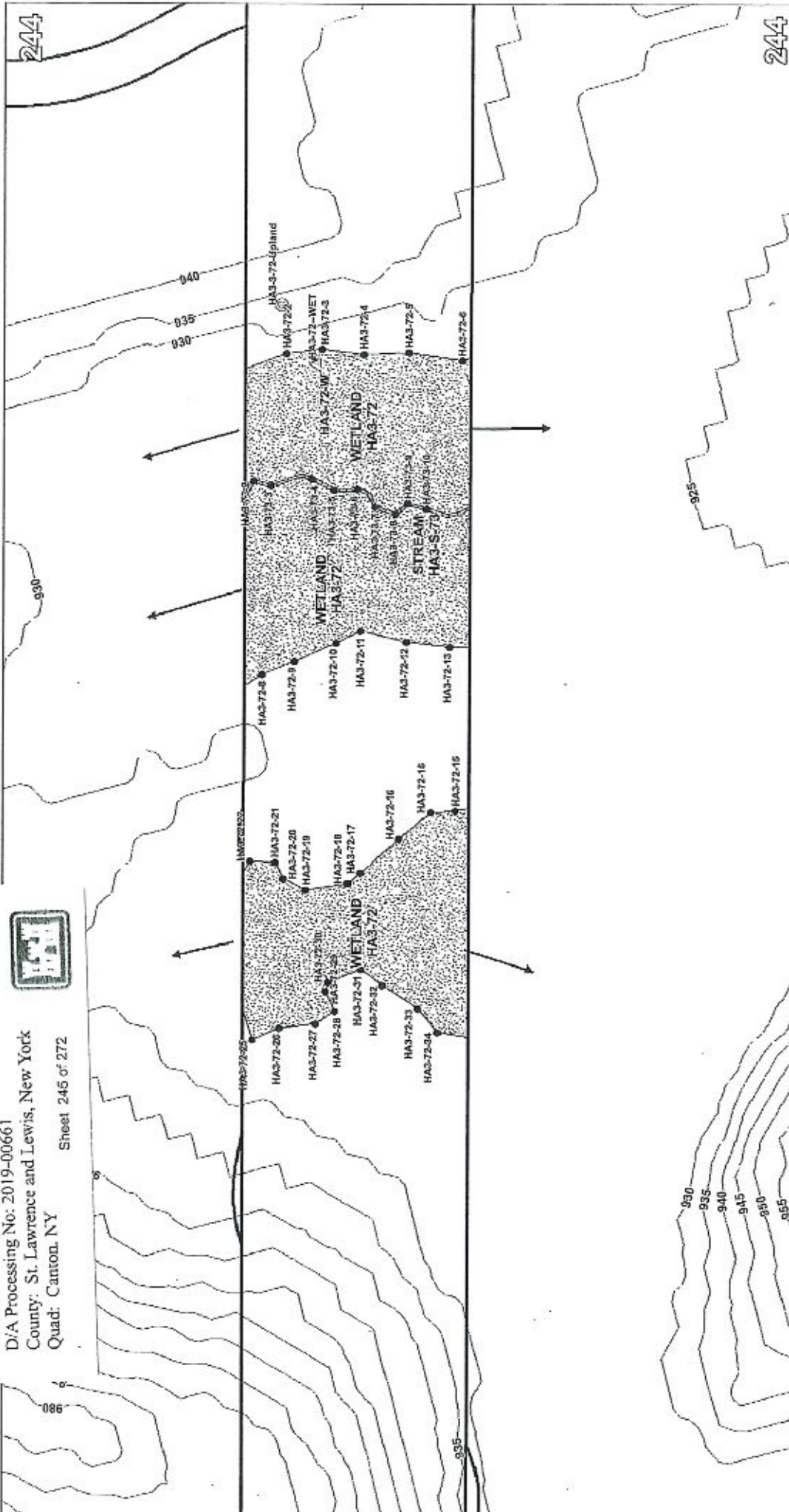
wsp
 Wetland Survey Project

ESRI
 Environmental Systems Research Institute

0 100 200 Feet



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 245 of 272



- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
 Field-Delineated Stream
 Field-Delineated Wetland
 Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Title 244 of 271

Coordinates System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

0 100 200 Feet
 0 100 200 Feet



NYPA

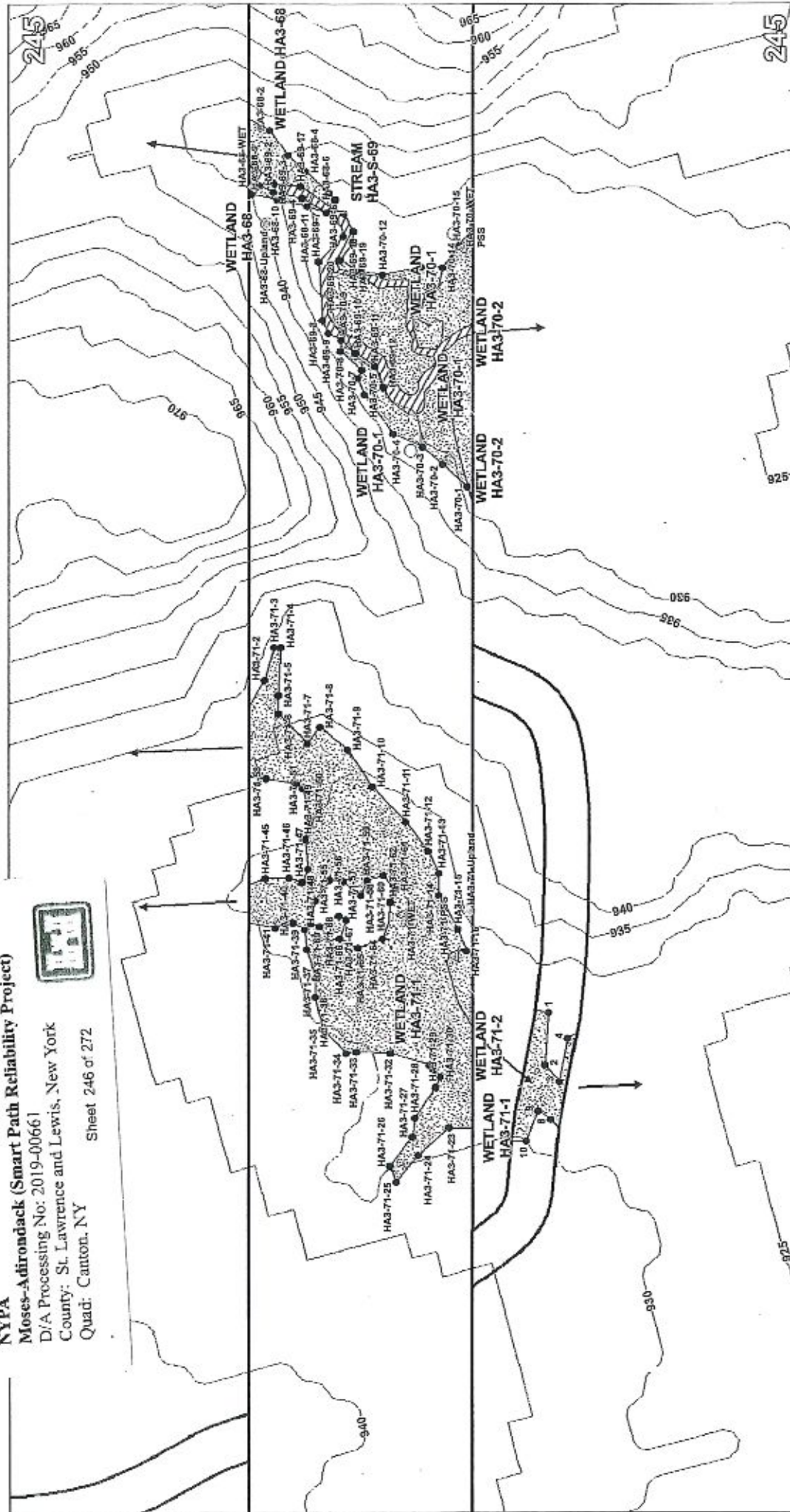
NYPA - New York State Power Authority (NYPA)

Moses-Adirondack (Smart Path)

D/A Processing No: 2019-00661

County: St. Lawrence

Sheet 246 of 272



Sample Point

- Upland
△ Wetland
● Delineated
□ Delineated

Continues Off-Site

- Field-Defined Stream -
Field-Defined Wetland
Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 245 of 271

Coastal Life Systems; Suite Plans New York East

Project: Transverse Molding;
Caption: North American 1913

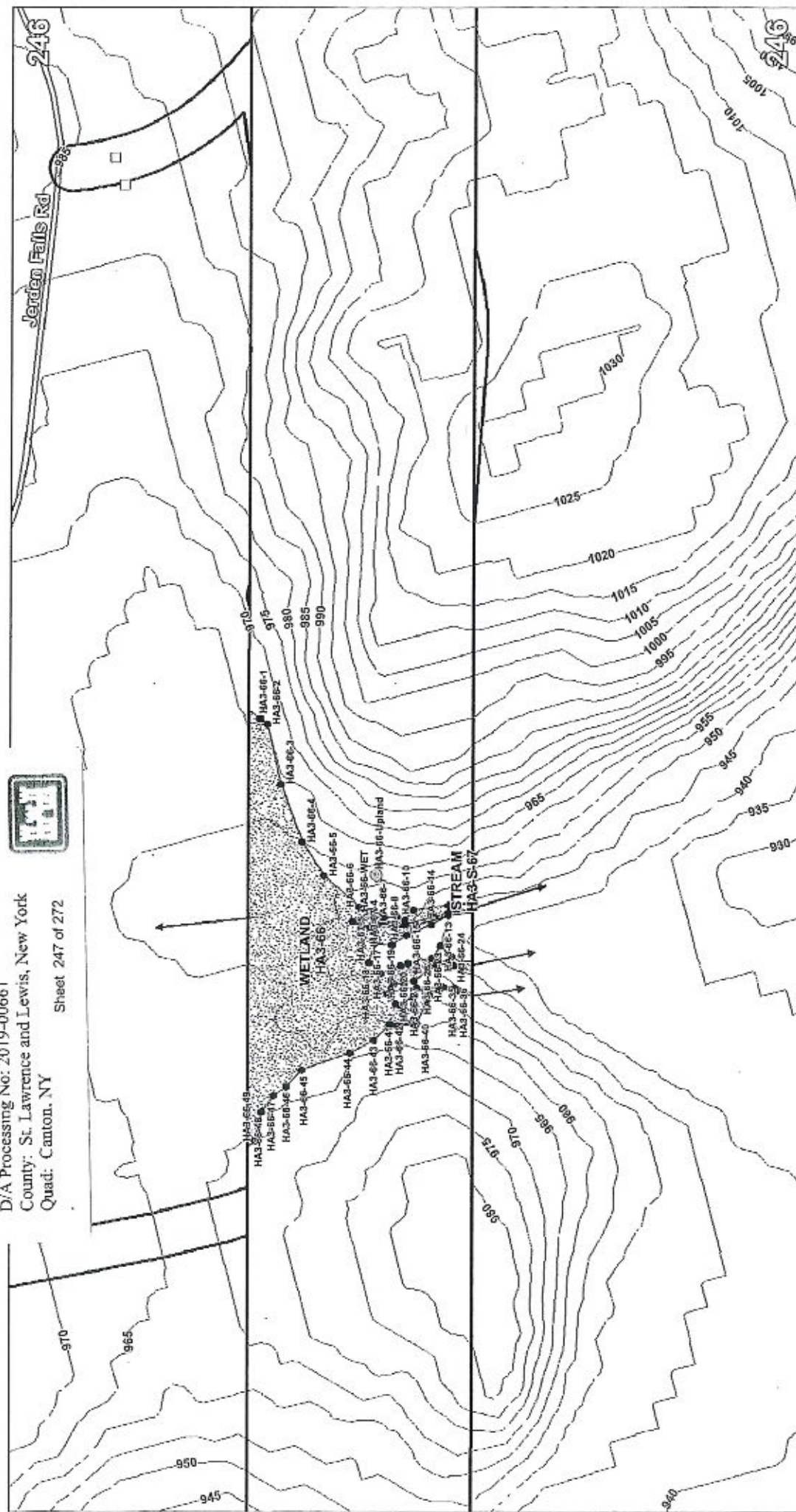
Units: Foot US

100



242 243 244 245 246 247 248

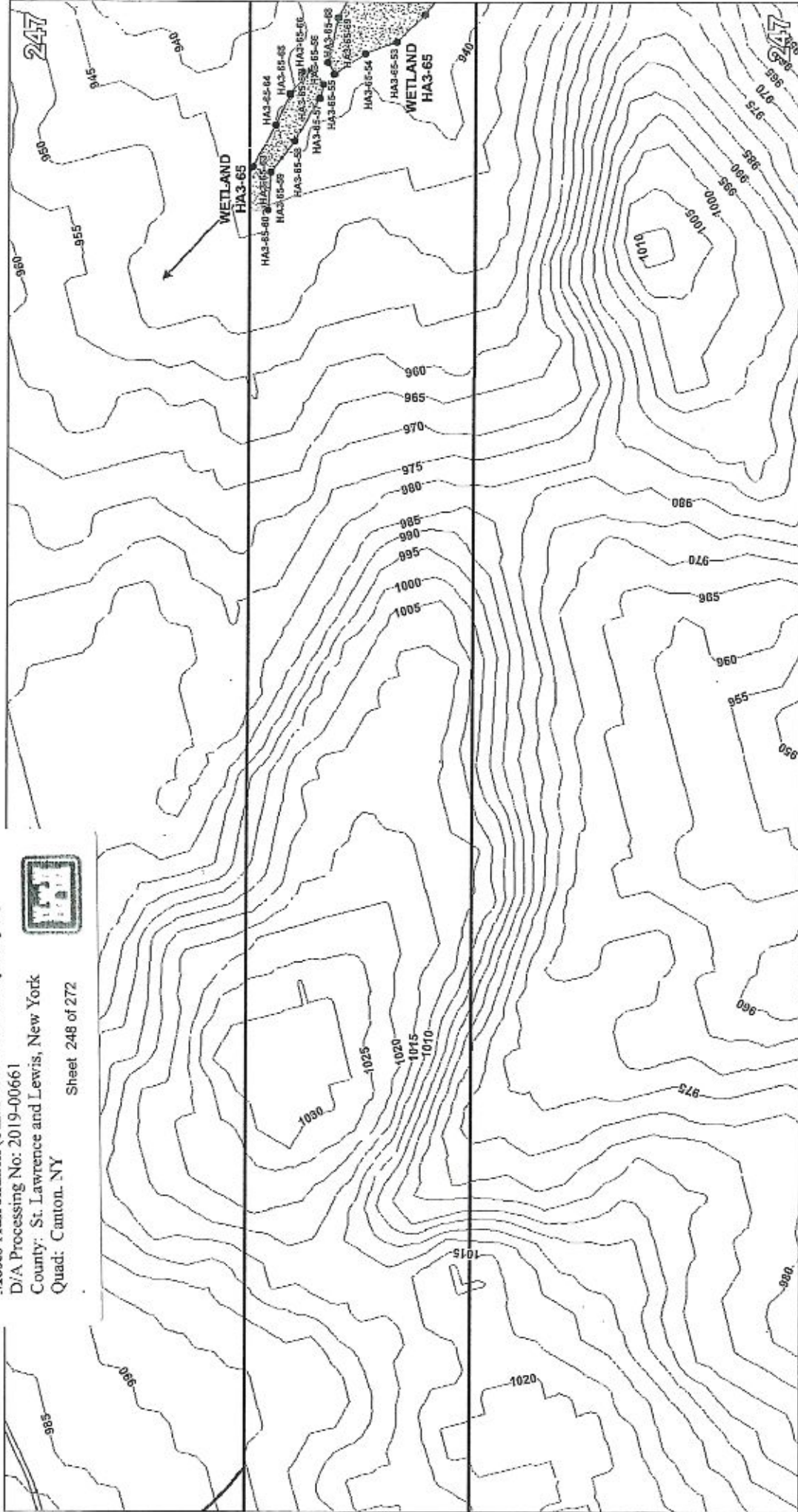
NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 247 of 272



Sample Point ○ Upland △ Wetland ● Delineated Flag □ Delineated Culvert	Continues Off-Site Field-Delineated Stream Field-Delineated Wetland Project Area (PA)	Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project Tile 246 of 271	0 100 200 Feet Coordinate System: State Plane New York East Datum: North American 1983 Units: Feet US
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NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 248 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 247 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Units: Feet US

wsp
WSP
WSP

0 100 200 Feet

250°
 244° 245° 246° 247° 248° 249°

PJD

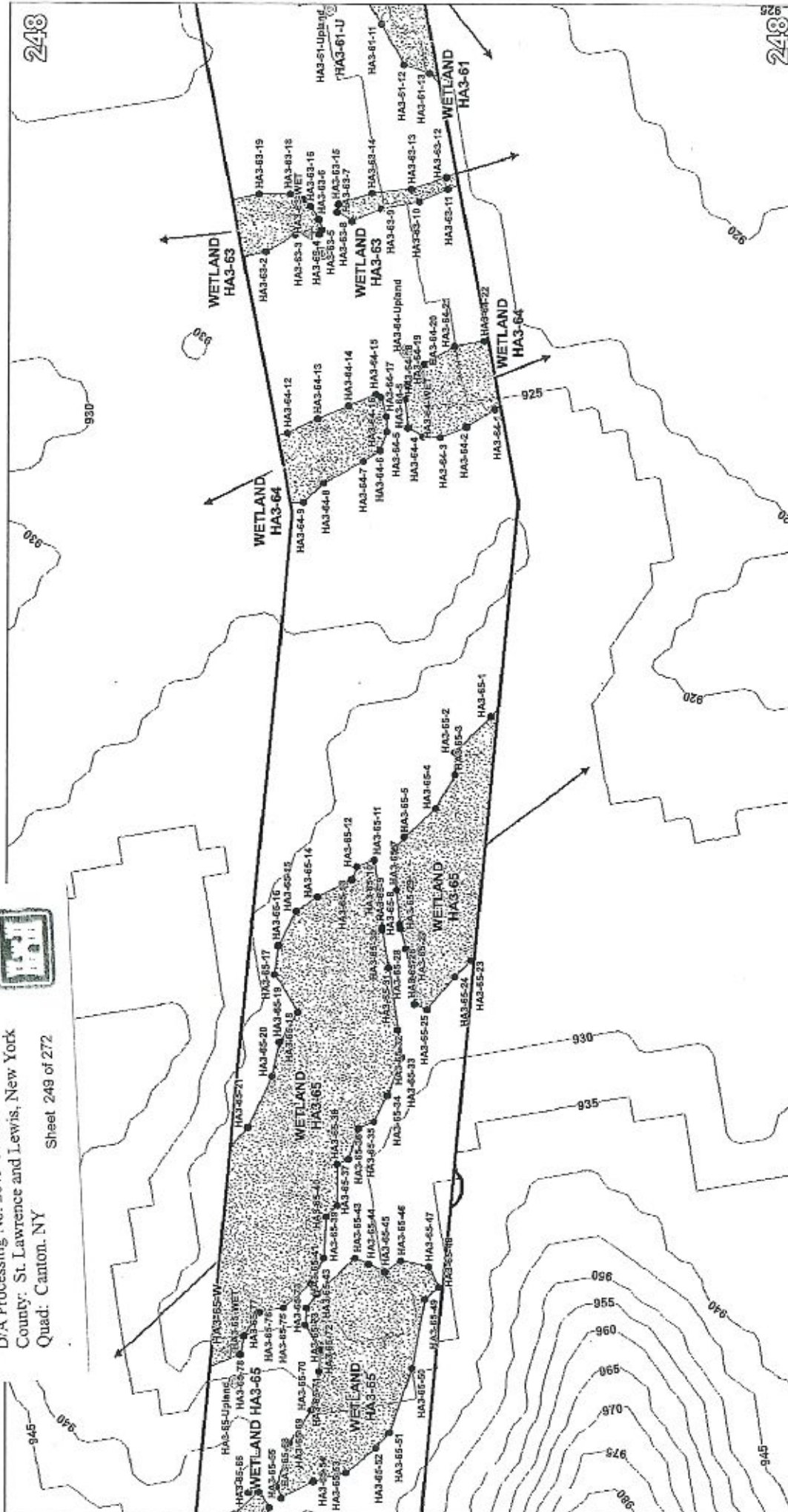
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 248 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

Tile 248 of 271

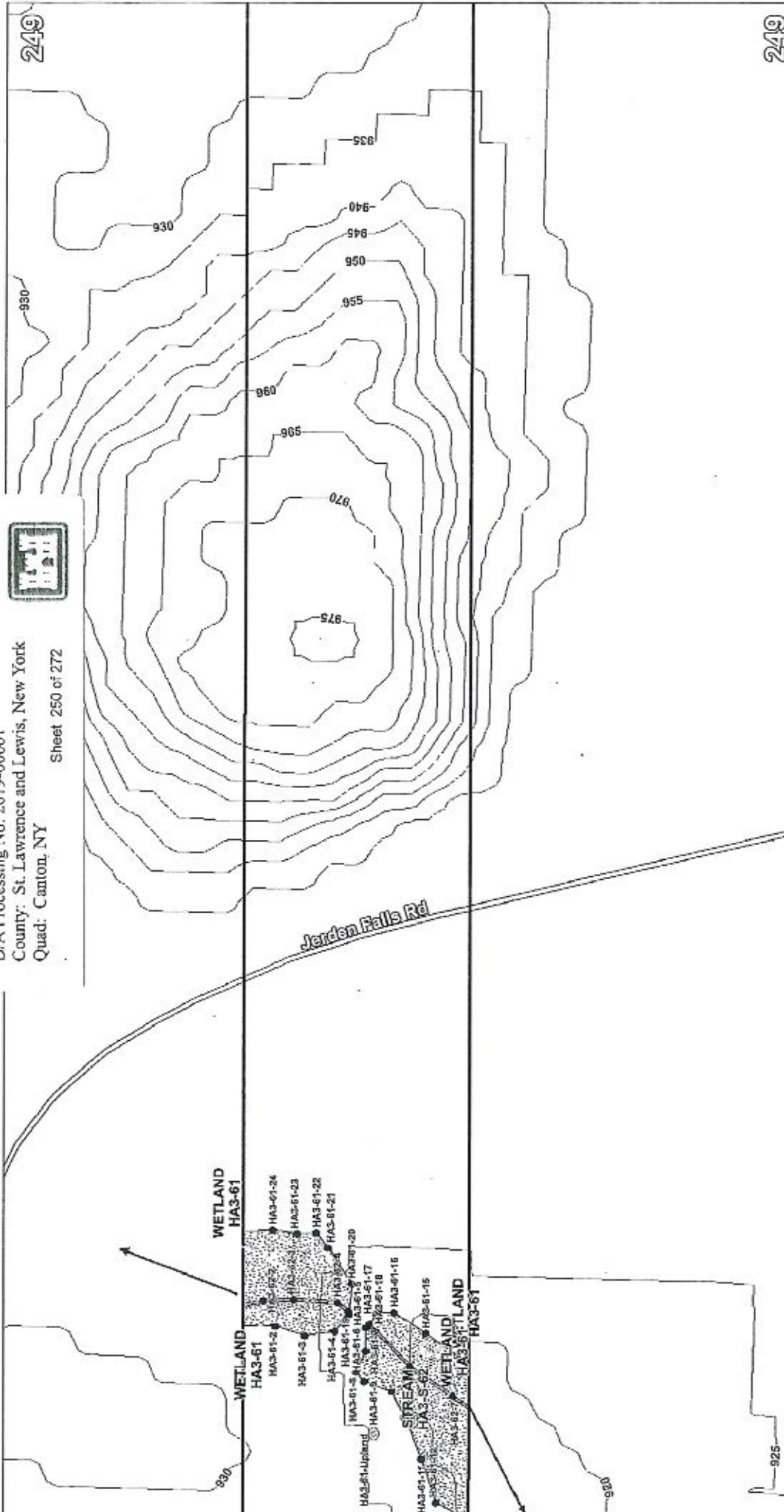
Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

wsp
Wetland Survey Project

ESRI
Environmental Systems Research Institute

0 100 200 Feet

NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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249

- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Tile 249 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

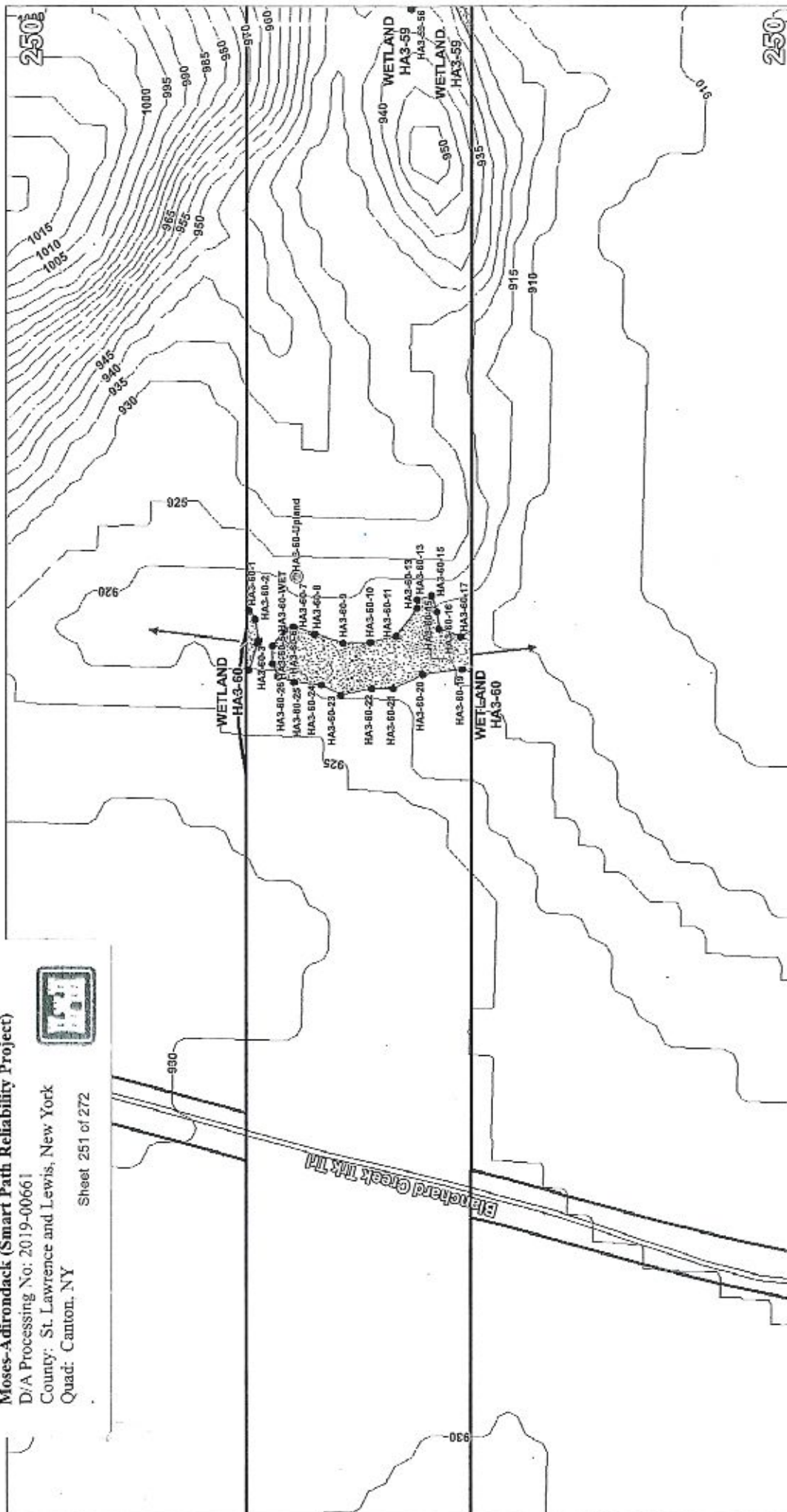
0 100 200 Feet



NYPA
Moses-Adirondack (Smart Path Reliability Project)
D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 250 of 271

Creation System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

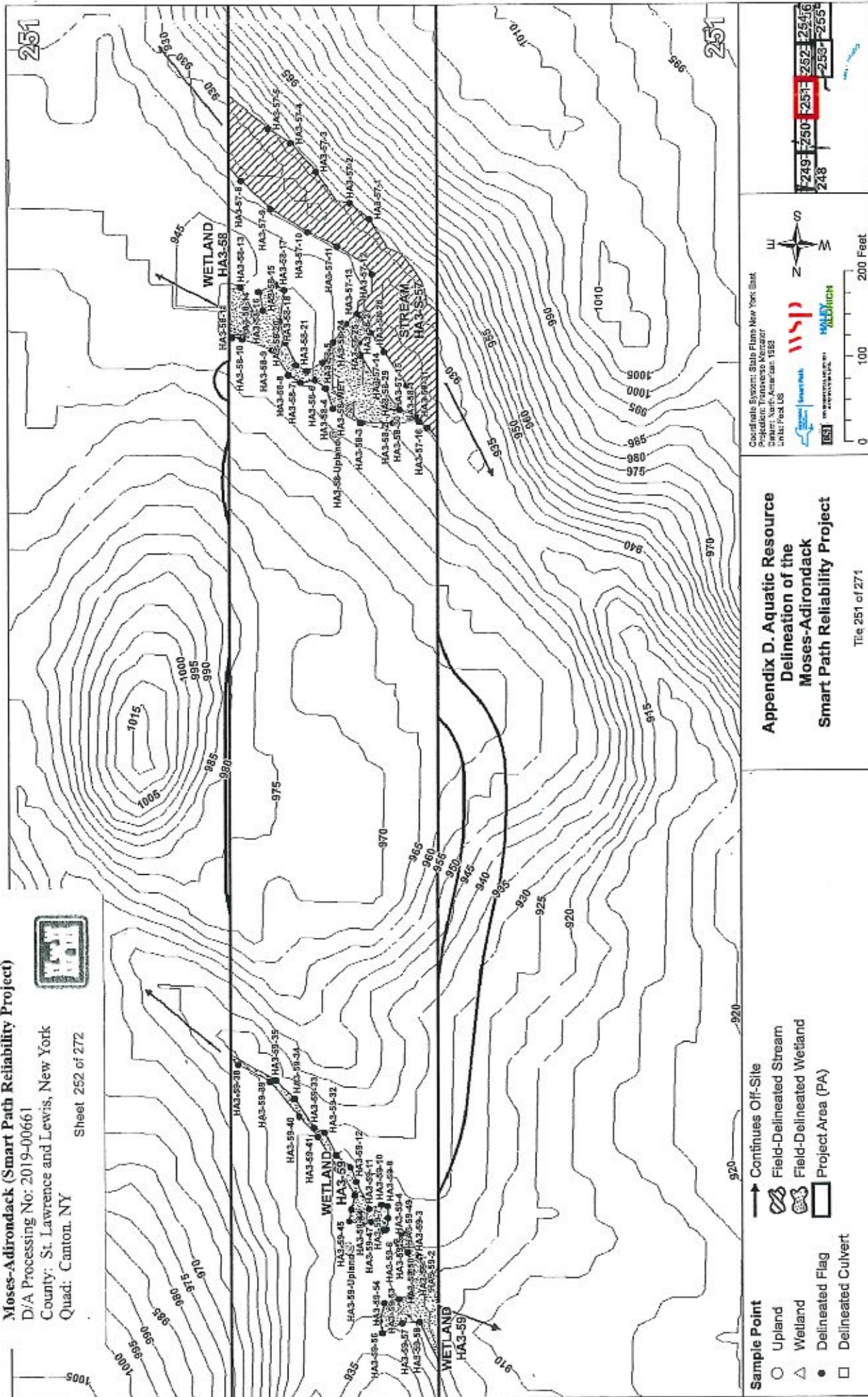
WSP
 WATERSHED SERVICES
 WATERSHED SERVICES
 WATERSHED SERVICES

Scale: 0 100 200 Feet

NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site
- ▨ Field-Delineated Stream
 - ▨ Field-Delineated Wetland
 - ▨ Project Area (PA)

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 251 of 271

Coordinate System: State Plane New York State
 Projected Transverse Mercator
 Datum: North American 1983
 Units: Feet US

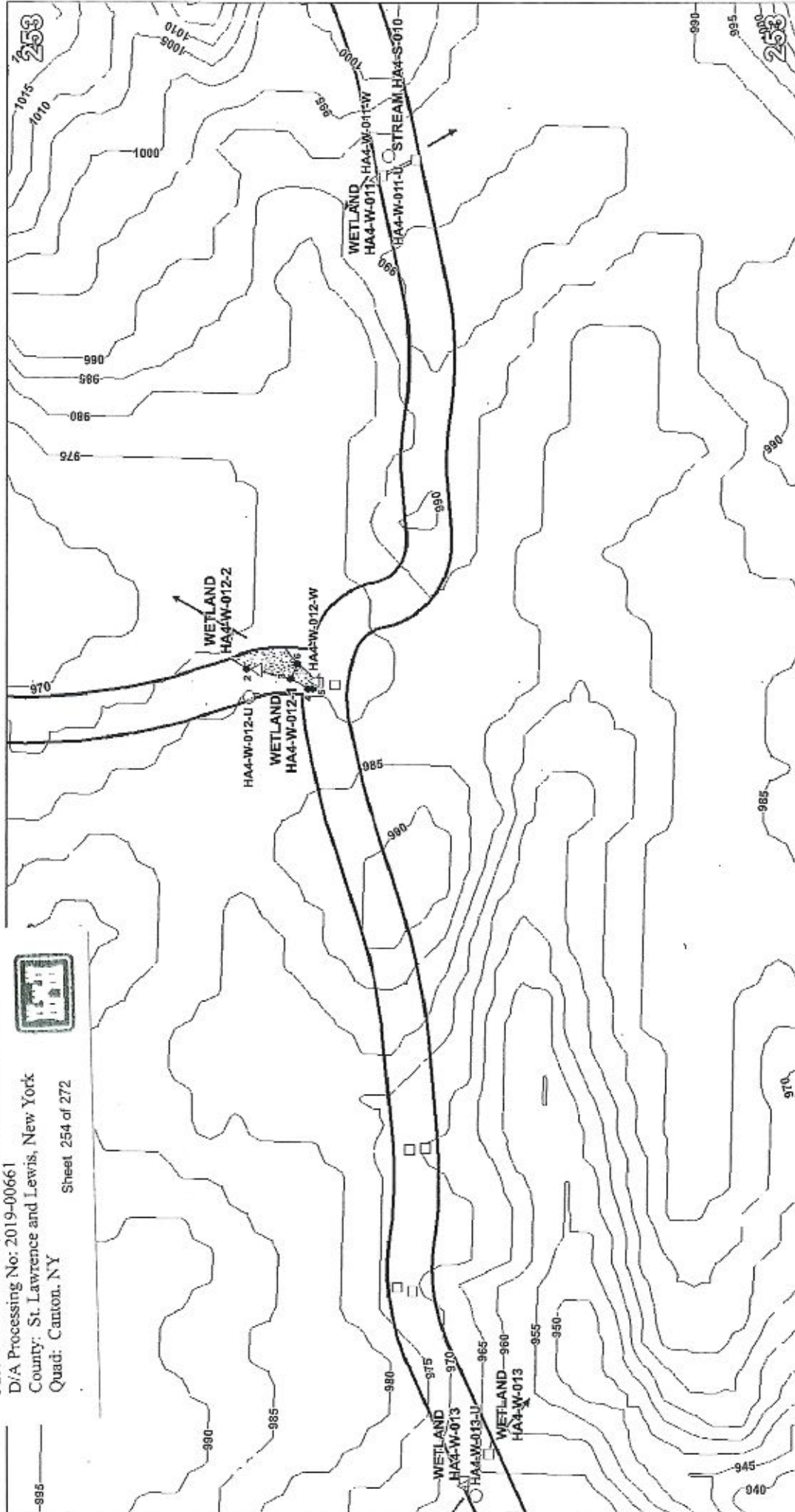
wsp
 WATERSHED SERVICES
 WATERSHED SERVICES
 WATERSHED SERVICES

0 100 200 Feet



NYPA
Moses-Adirondack (Smart Path Reliability Project)
PJD

D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
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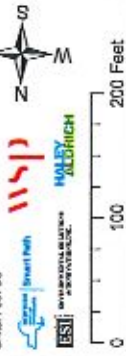


- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

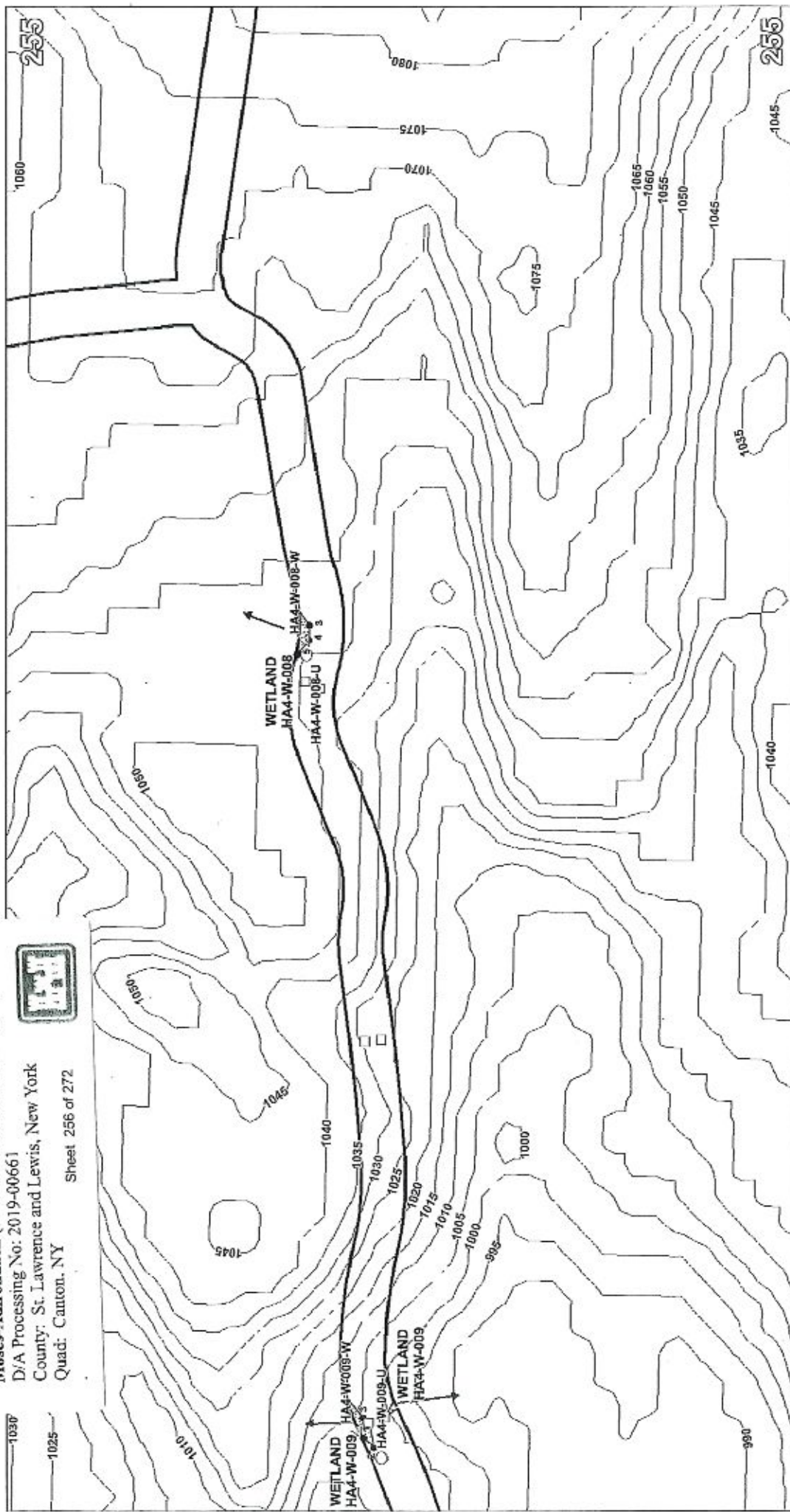
**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 253 of 271

Coordinate System: State Plane New York East
 Datum: North American 1883
 Units: Feet US



NYPA
 Moses-Adirondack (Smart Path Reliability Project)
 PJD
 D/A Processing No: 2019-00661
 County: St. Lawrence and Lewis, New York
 Quad: Canton, NY
 Sheet 256 of 272



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

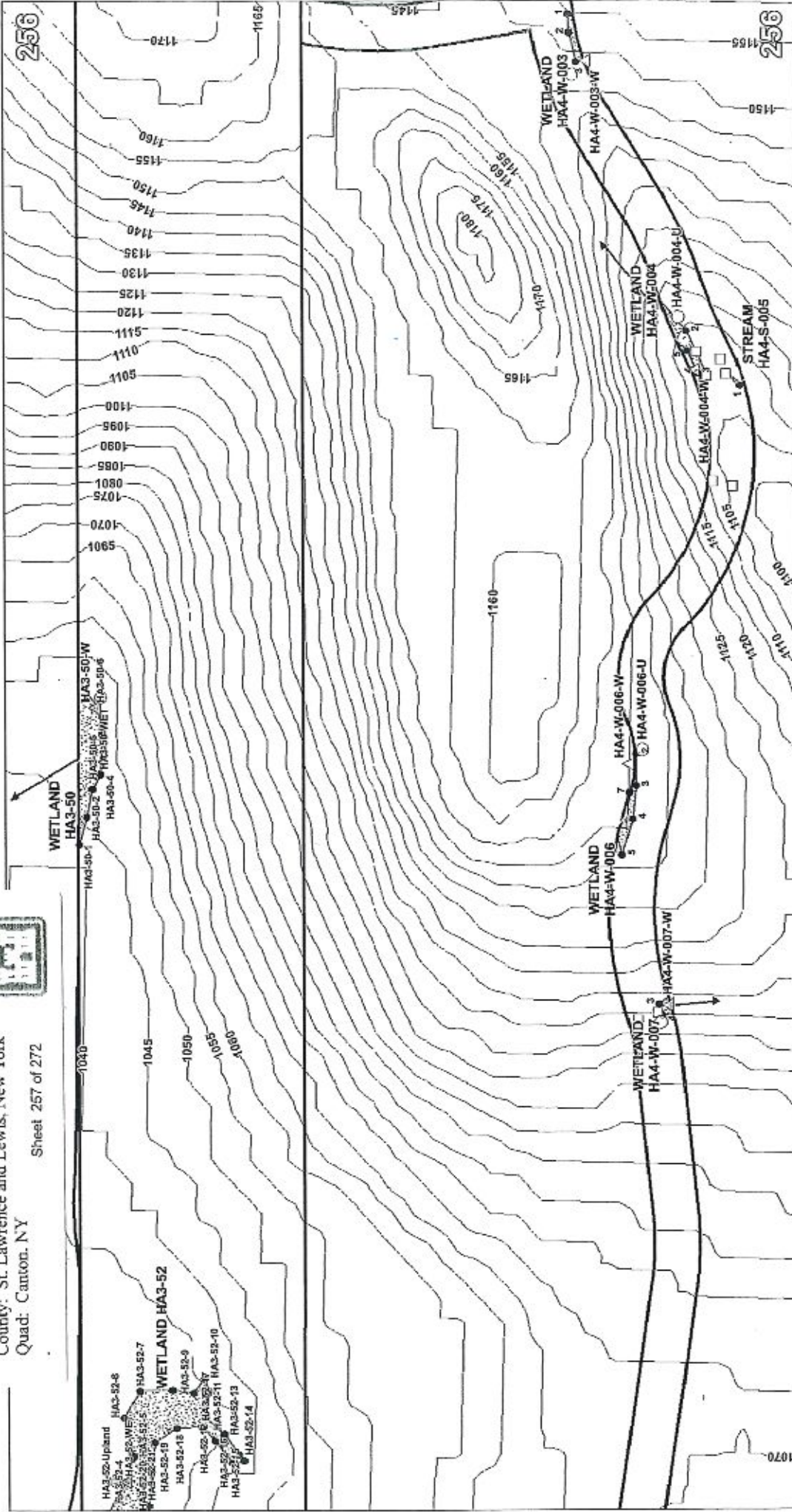
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Units: Feet US

0 100 200 Feet

250 251 252 253 254 255 256 257 258

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Continues Off-Site
 - Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1883
Unit: Feet US

WSP

HA4-S-005

HA4-W-003

HA4-W-004

HA4-W-006

HA4-W-007

HA4-S-005

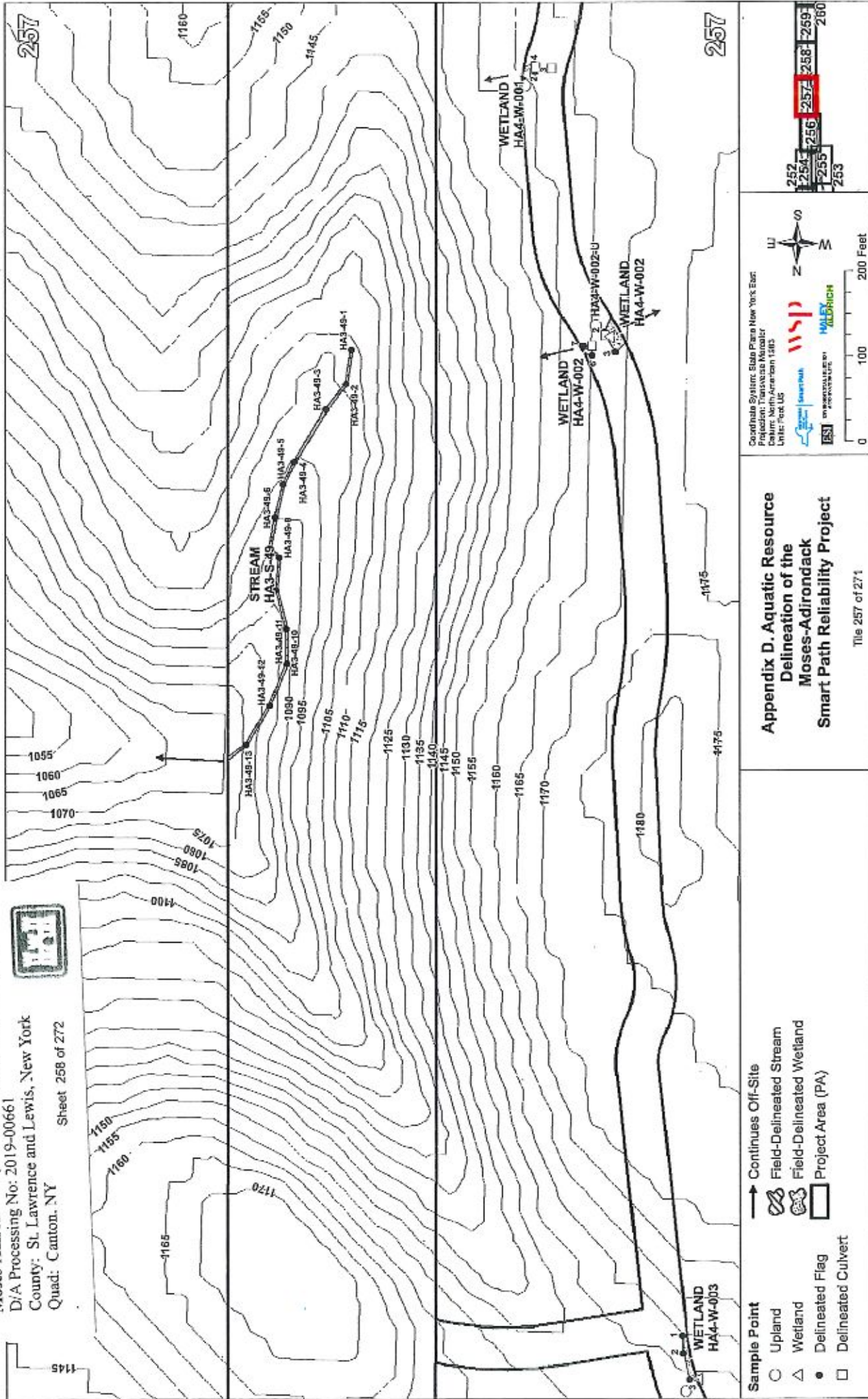
0 100 200 Feet

NYPA
... (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

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C. Upland

C. Upland

Wetland

- Policing
- Victimisation

● **Dein**

☐ Delinea

 Field-Delineated Stream Field-Delineated Stream

Field-Dependent Wetland

Field-Depleted Venetian
Desired Area (DA)

Project Area (PA)

File 257 of 271

Units: Feet US

UNITED STATES
11511
N

Smart people

PSI CONSTRUCTION, INC. IS THE LEADER
IN CONSTRUCTION AND
HALEY ALDRICH

3.

3

M

252—

254

753	753
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33

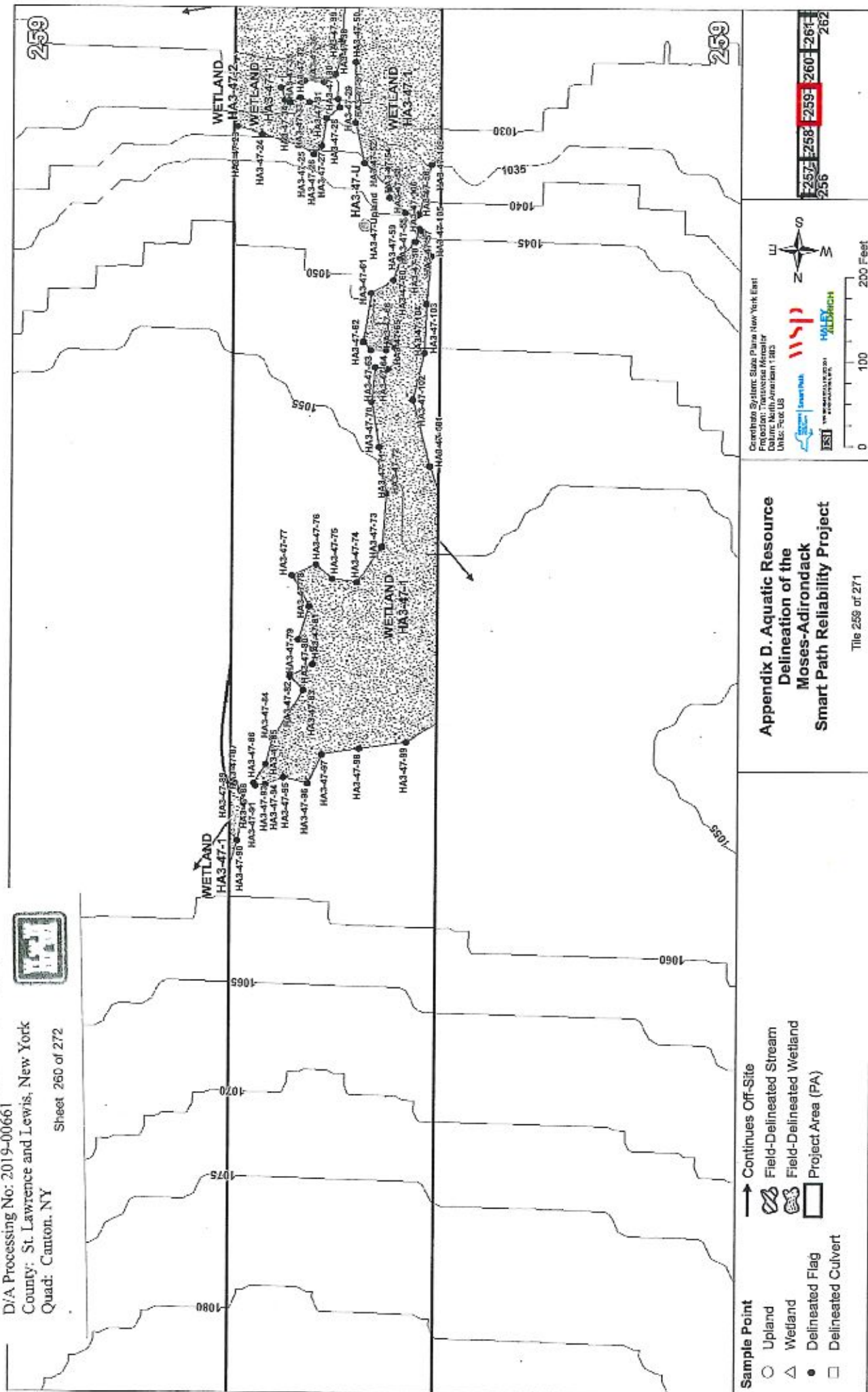
NYPA **PJD**
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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PJD

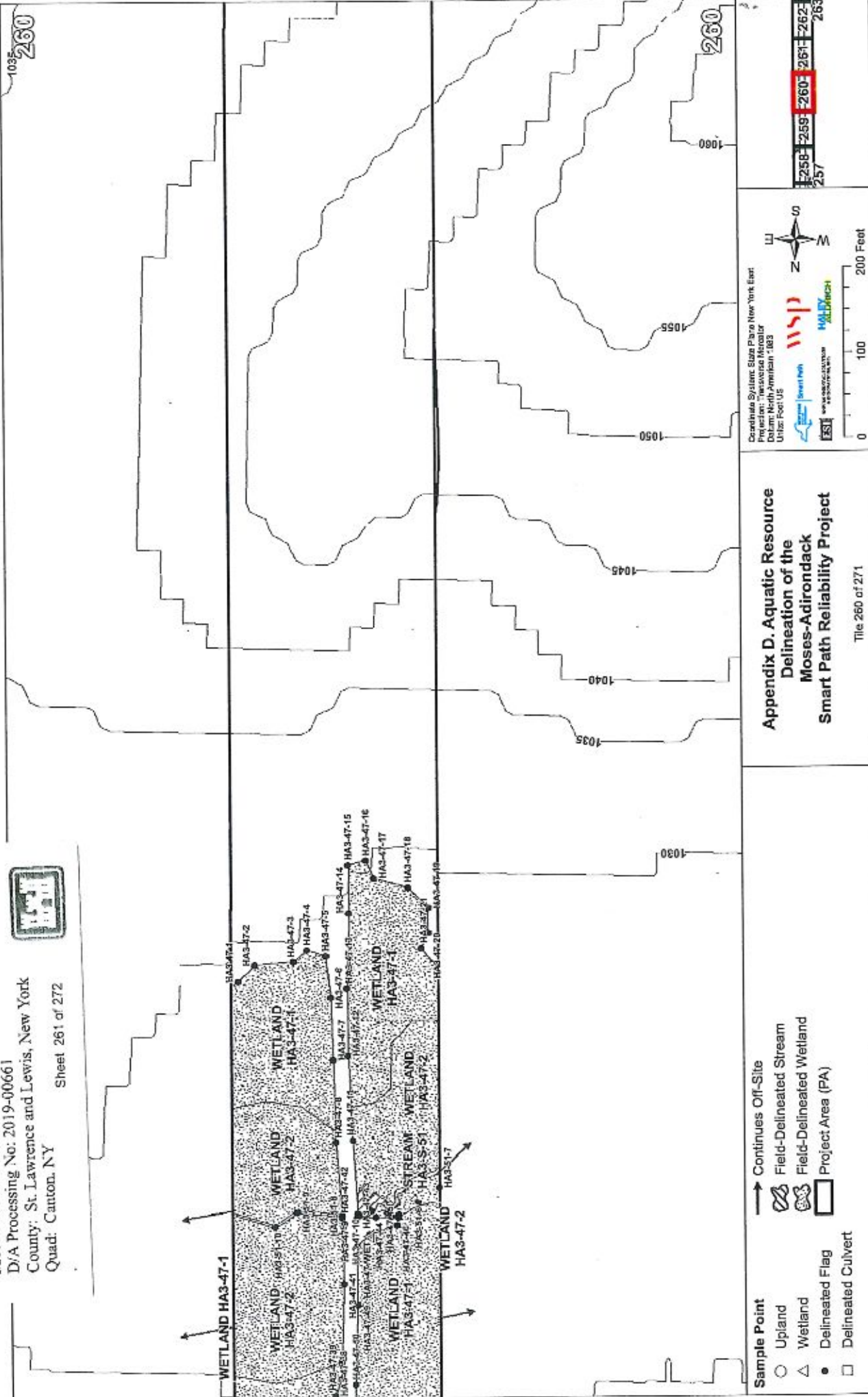
NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ESRI SmartPath WSP NAD83

0 100 200 Feet

257 258 259 260 261 262 263

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 260 of 271

Sample Point

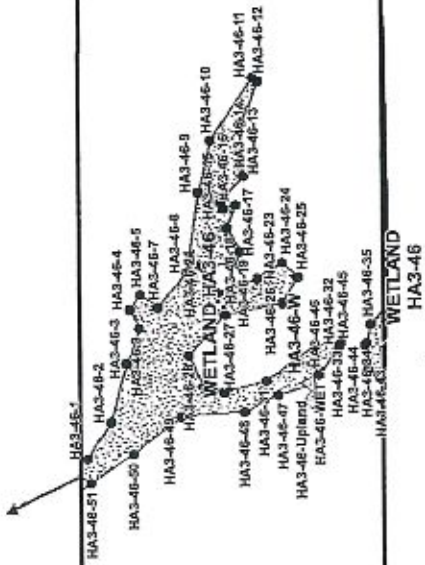
- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- ▨ Field-Delineated Wetland
- ▭ Project Area (PA)



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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project

Title 261 of 271

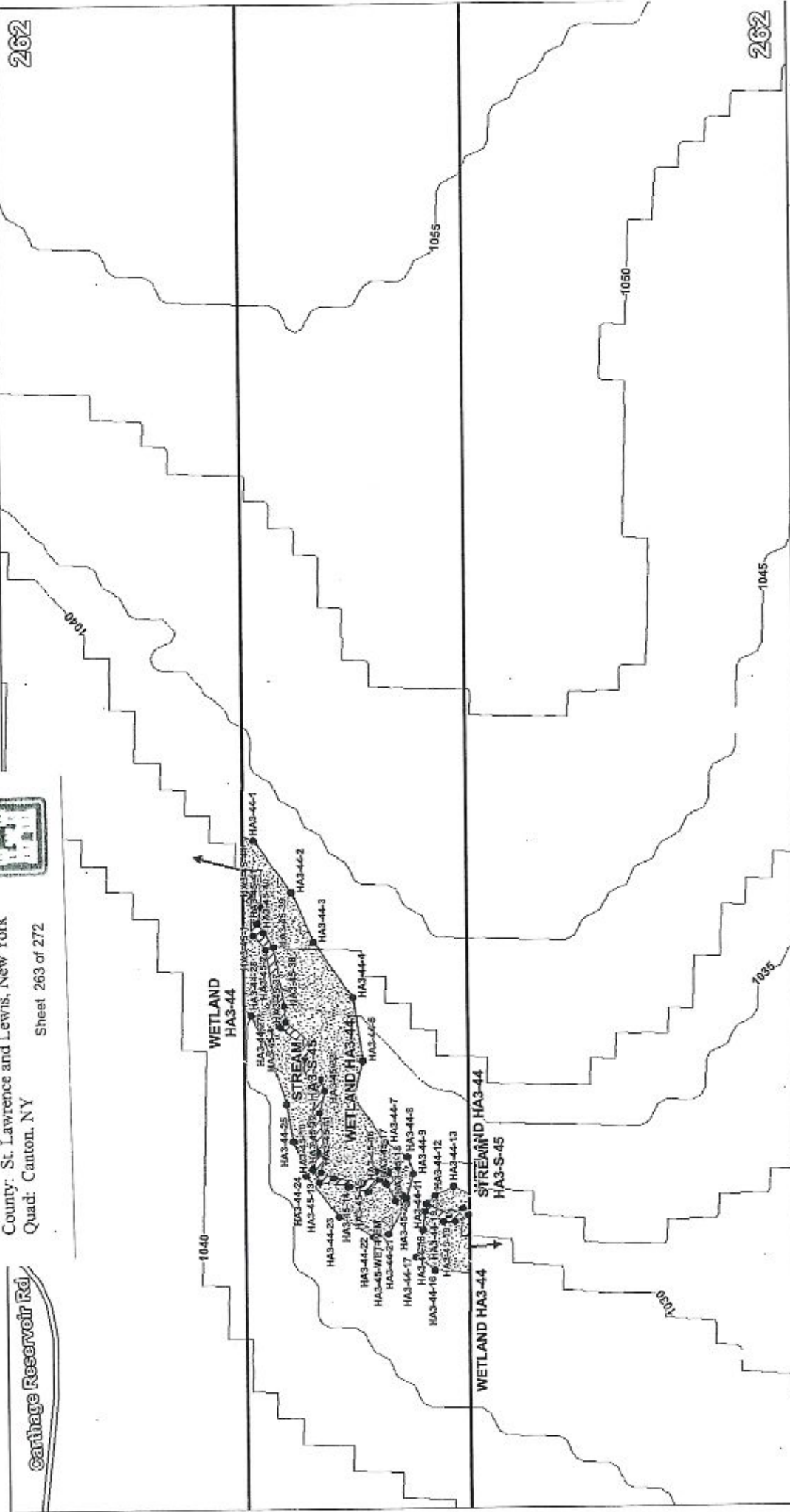
Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1883
 Unit: Feet US

0 100 200 Feet

258 259 260 261 262 263 264



Carthage Reservoir Rd



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

↑ Continues Off-Site

Field-Delineated Stream

Field-Delineated Wetland

Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

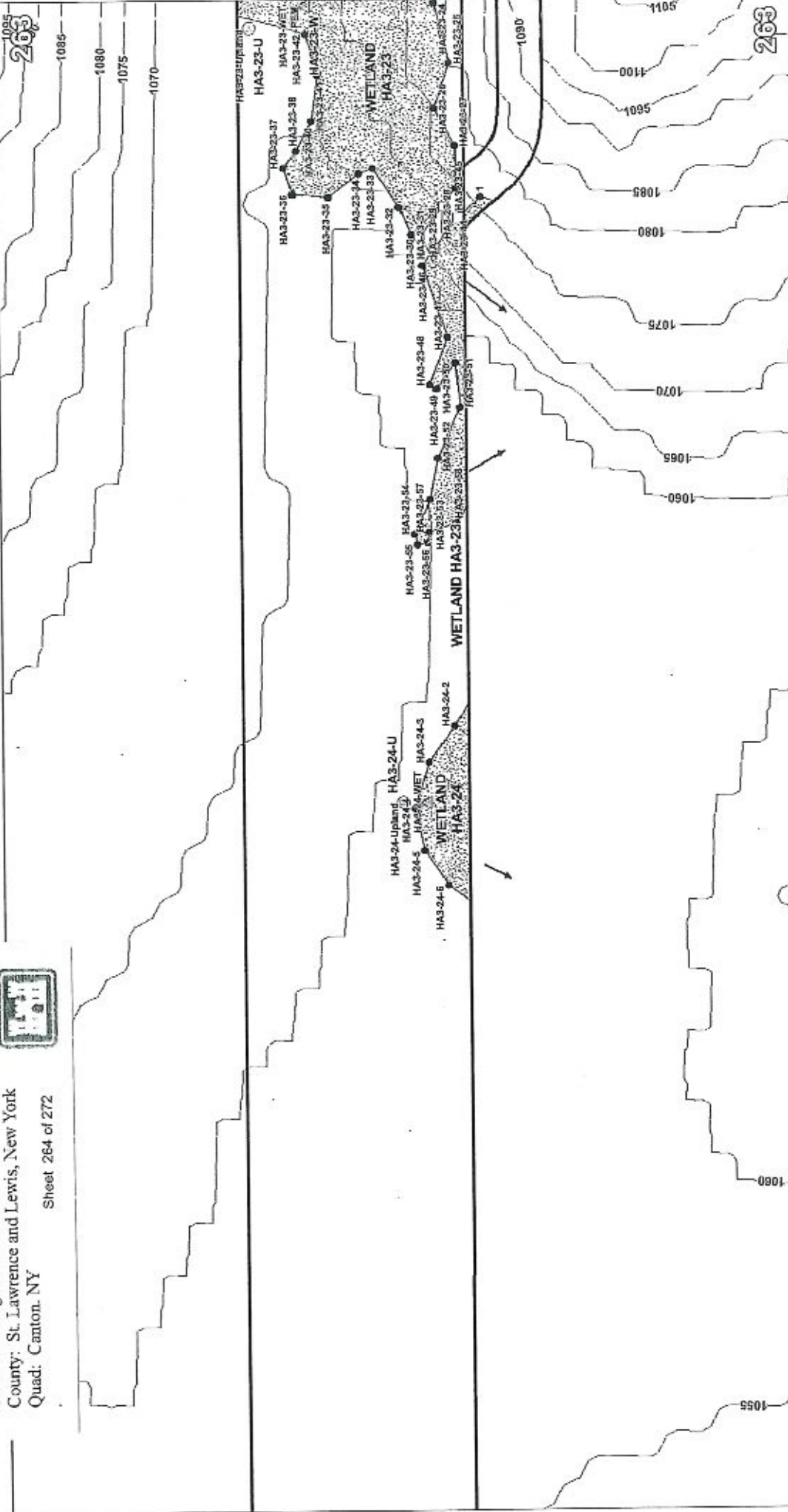
Tile 262 of 271

Coordinate System: State Plane New York, East
 Projected: Transverse Mercator
 Datum: North American 1983
 Units: Feet US

ESRI | WSP | MUSE | MUSE

0 100 200 Feet

259 260 261 262 263 264 265



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

→ Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

Tile 263 of 271

Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

0 100 200 Feet

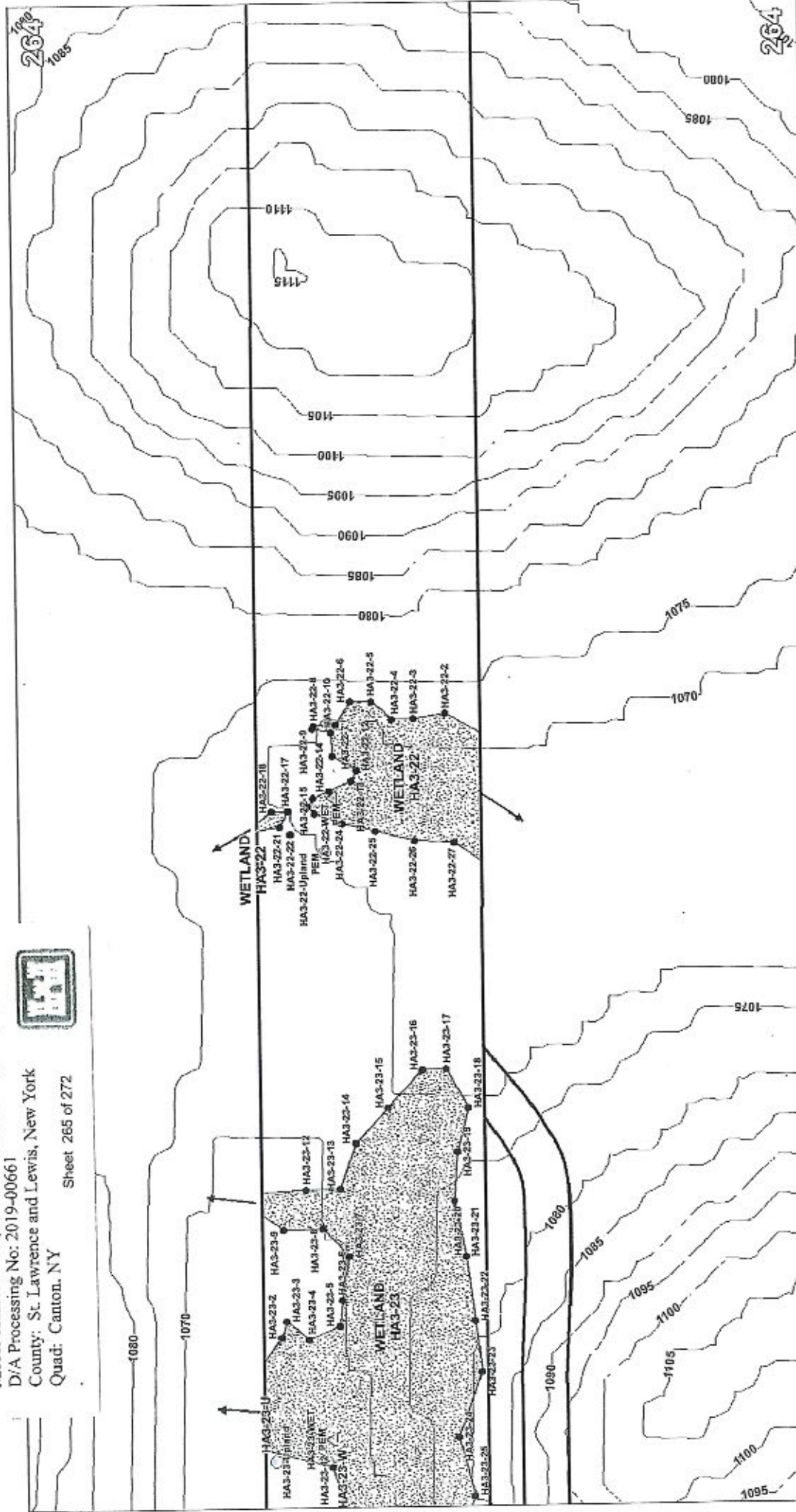
NYPA
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

Sheet 265 of 272



Coordinate System: State Plane New York East
 Projection: Transverse Mercator
 Datum: North American 1983
 Unit: Feet US

ESRI SmartView HALLEY

0 100 200 Feet

261 262 263 264 265 266 267

**Appendix D. Aquatic Resource
 Delineation of the
 Moses-Adirondack
 Smart Path Reliability Project**

Tile 264 of 271

Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

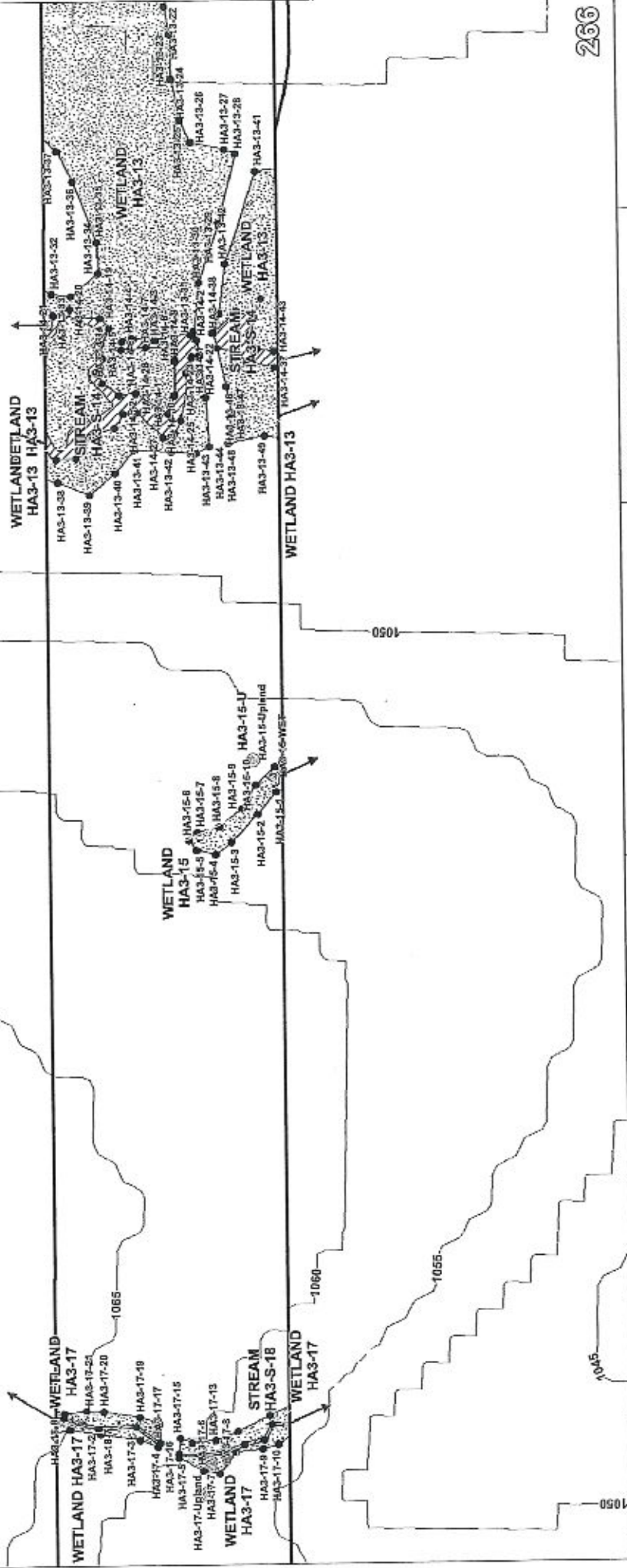
- Continues Off-Site
- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

1

PJD

NYPA **Moses-Adirondack (Smart Path Reliability Project)**

D/A Processing No: 2019-00661
County: St. Lawrence and Lewis, New York
Quad: Canton, NY
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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

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Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



263
264
265
266
267
268



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Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project

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Sample Point	Continues Off-Site	Field-Delineated Stream	Field-Delineated Wetland	Project Area (PA)
○ Upland	↑			
△ Wetland				
● Delineated Flag				
□ Delineated Culvert				

NYPA

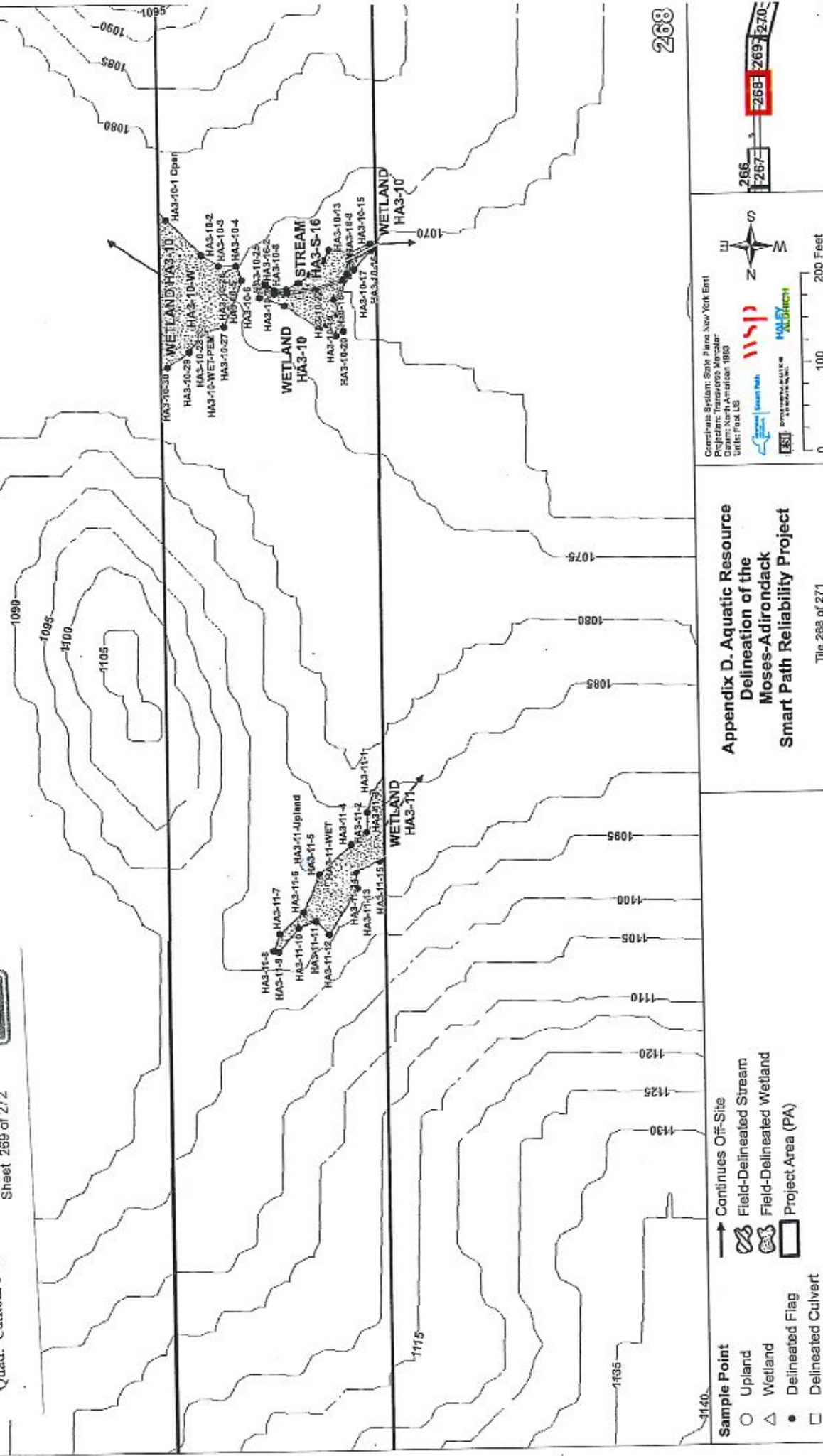
NYPA ... (Smart Path Reliability Project)

DOI Processing No: 2019-00661

D/A Processing NO: 2013-0000.

County, Canton NY
Quad: Canton NY

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**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Control-act System: Sals Plane New York East
 Pajdanc Transverses Mercator
 Datum: North American 1983



200 Feet

Sample Point	Continues Off-Site
○ Upland	→
△ Wetland	 Field-Delineated Swamp
● Delineated Flag	 Field-Delineated Wetland
□ Delineated Culvert	 Project Area (PA)

PJD

NYPA Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

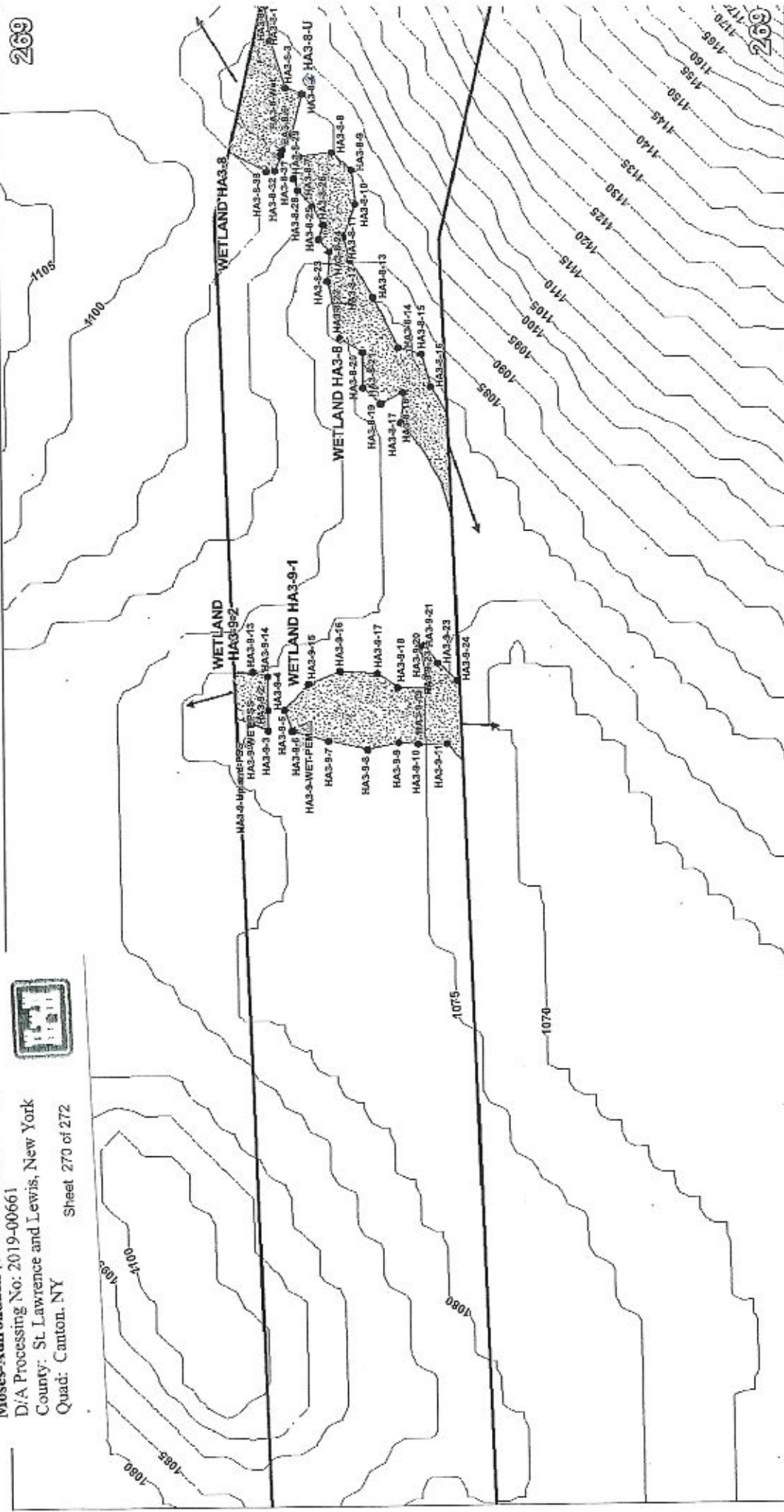
County: St Lawrence and Lewis, New York

Quad: Canton, NY

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269



Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

**Appendix D. Aquatic Resource
Delineation of the
Moses-Adirondack
Smart Path Reliability Project**

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Dorchester Systems State Plaza New York East
Project No: 2019-00661
Date: 10/15/2019
Unit: Feet US

wsp

Wetland Services
UNIVERSITY OF ALABAMA
Wetland Services

N
W
E
S

0 100 200 Feet

NYPA

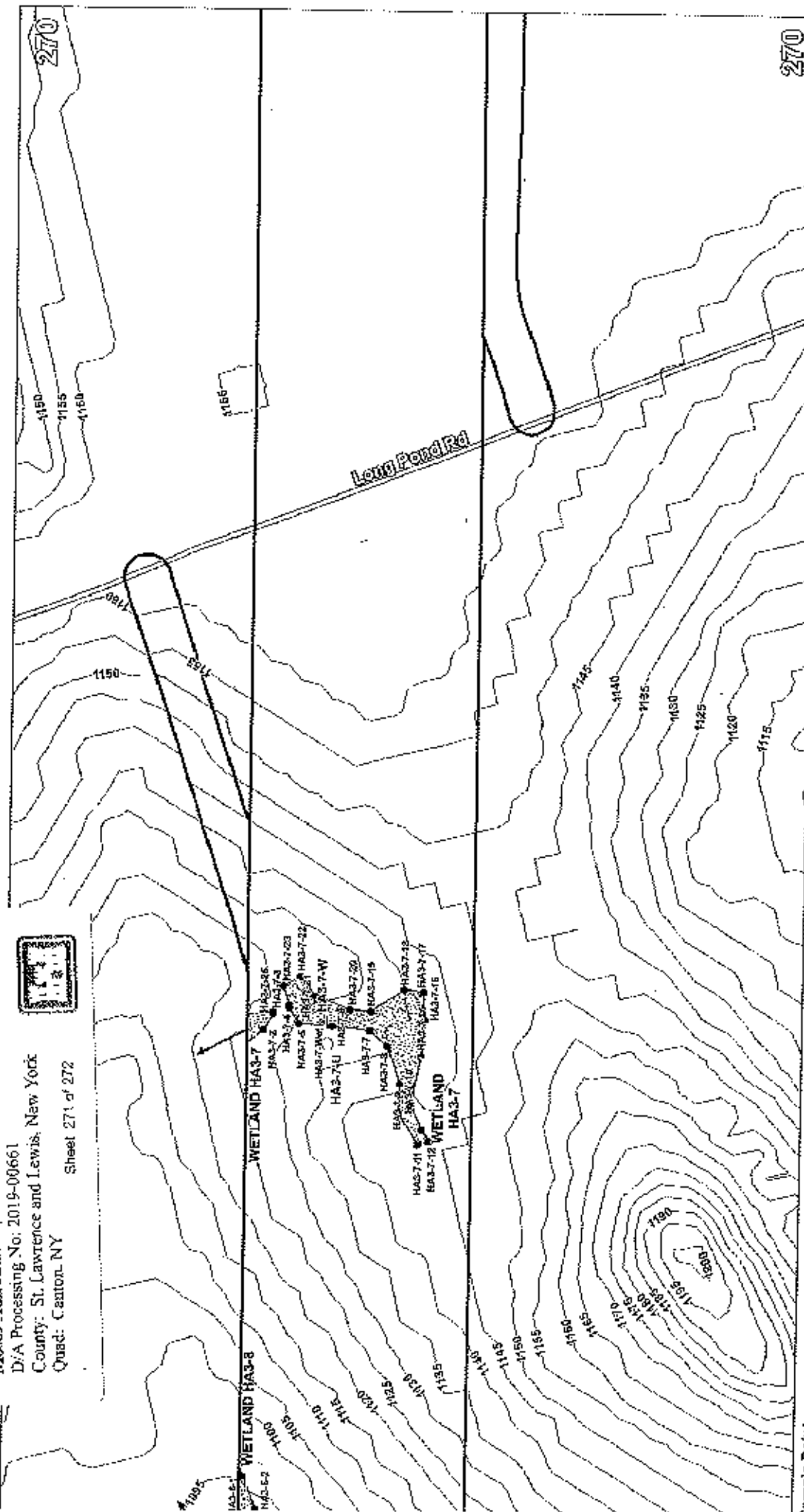
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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Sample Point

- Upland
- △ Wetland
- Delineated Flag
- Delineated Culvert

→ Continues Off-Site

- Field-Delineated Stream
- Field-Delineated Wetland
- Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Title 270 of 271

Coordinate System: State Plane New York Zone
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US



NYPA PJD

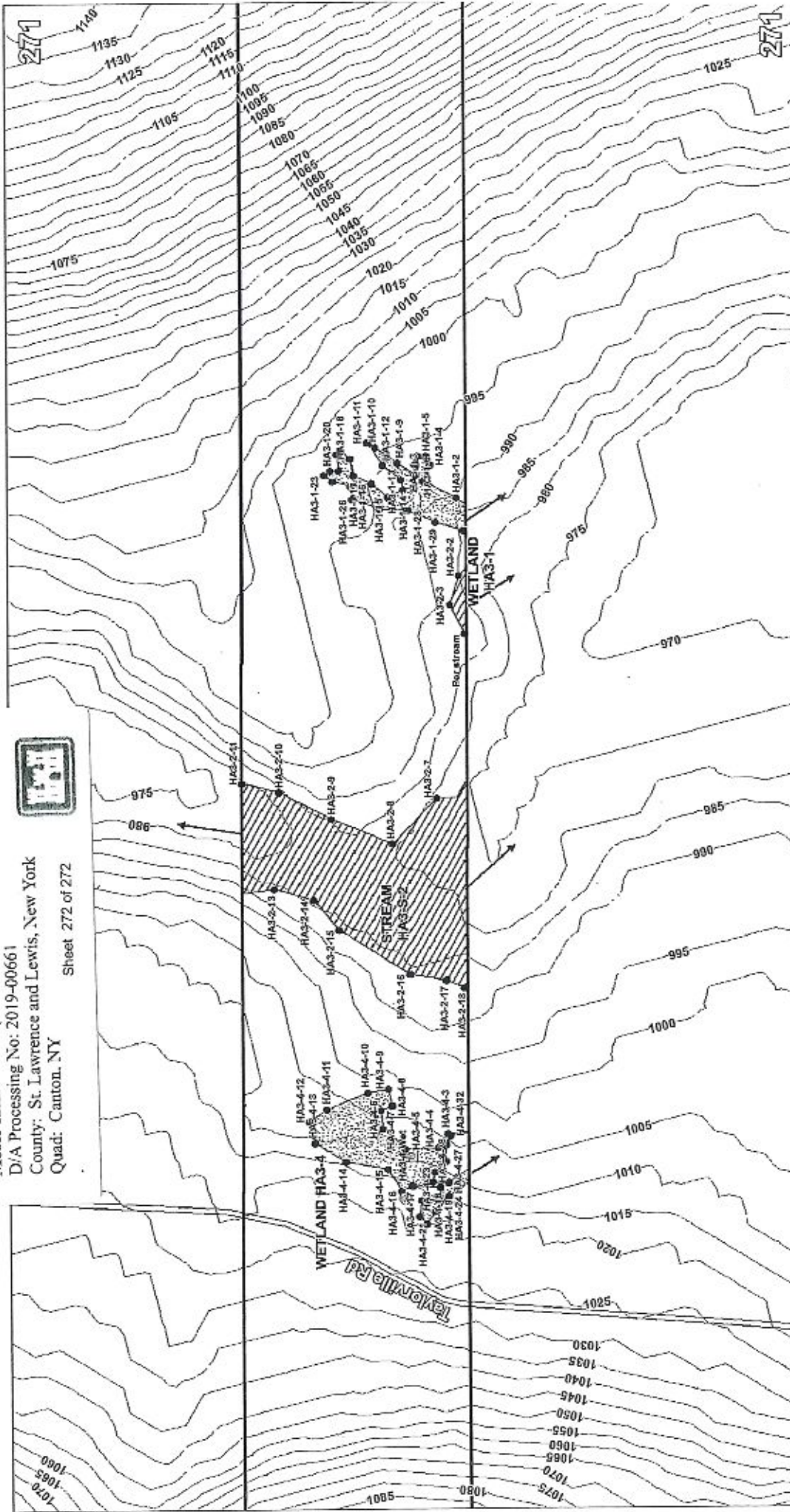
Moses-Adirondack (Smart Path Reliability Project)

D/A Processing No: 2019-00661

County: St. Lawrence and Lewis, New York

Quad: Canton, NY

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- Sample Point**
- Upland
 - △ Wetland
 - Delineated Flag
 - Delineated Culvert
- Continues Off-Site**
- Field-Delineated Stream
 - Field-Delineated Wetland
 - Project Area (PA)

Appendix D. Aquatic Resource Delineation of the Moses-Adirondack Smart Path Reliability Project

Tile 271 of 271

Coordinate System: State Plane New York East
Projection: Transverse Mercator
Datum: North American 1983
Units: Feet US

WSP
Watershed Services, Inc.

HALEY
HALEY & ALDRICH

USDA
United States Department of Agriculture

USFWS
United States Fish and Wildlife Service

0 100 200 Feet