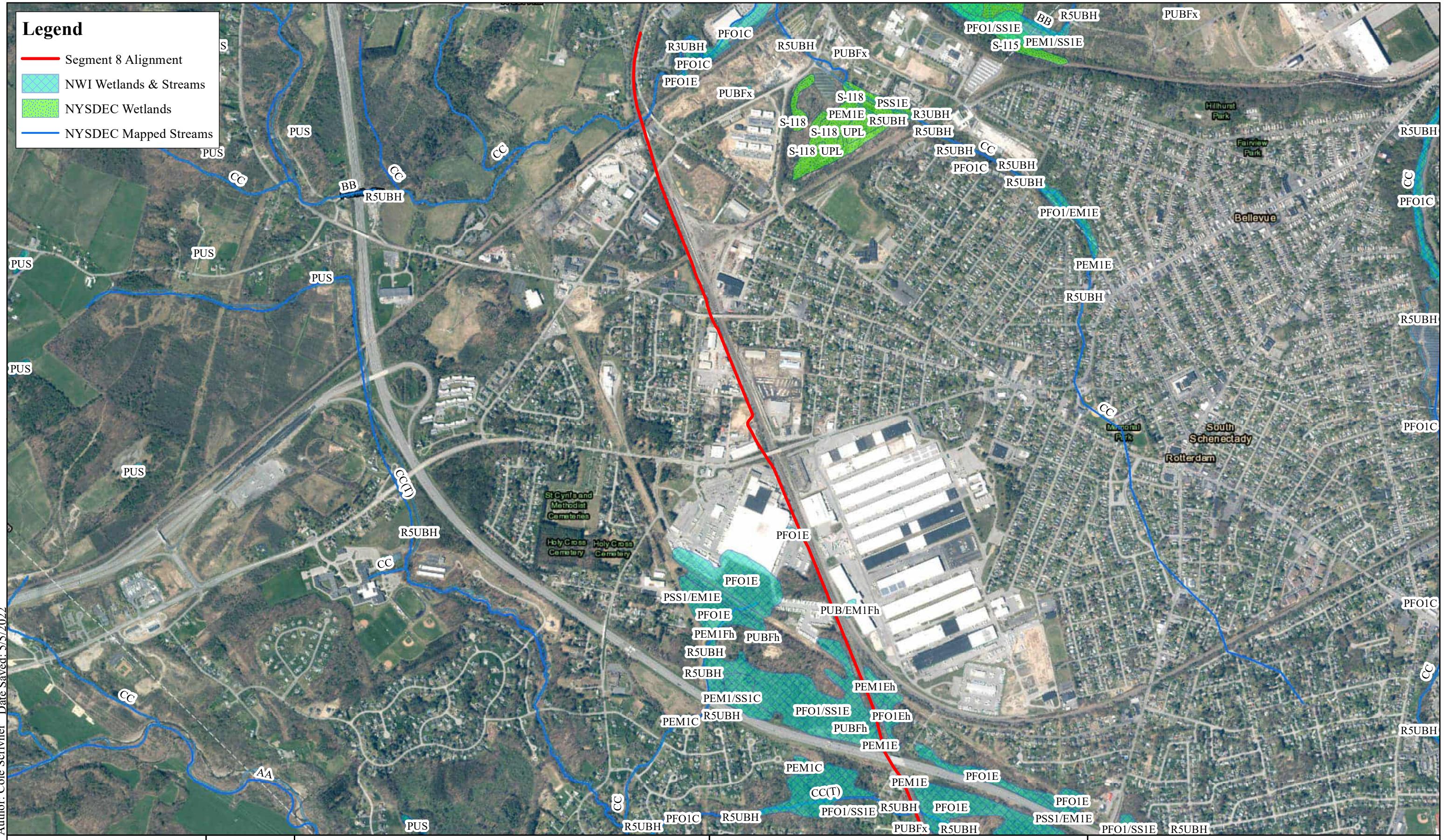


ATTACHMENT 2
NWI & NYSDEC WETLAND & STREAM MAPS



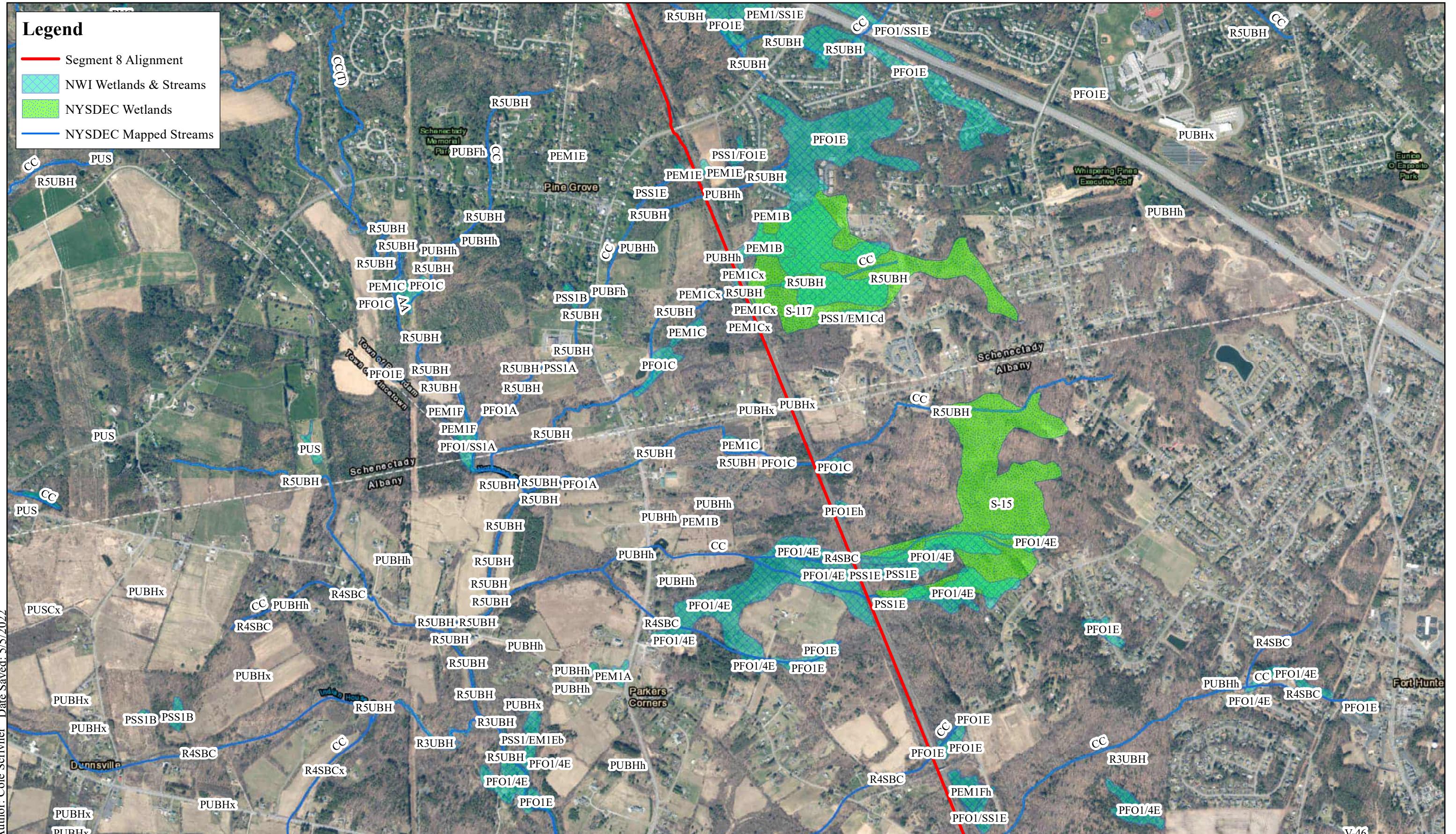
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Page 1 of 7

0 0.5 1 Miles

*Champlain Hudson Power Express
Segment 8 Package 5A Wetland & Stream Map
(NWI and NYSDEC)*

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community.



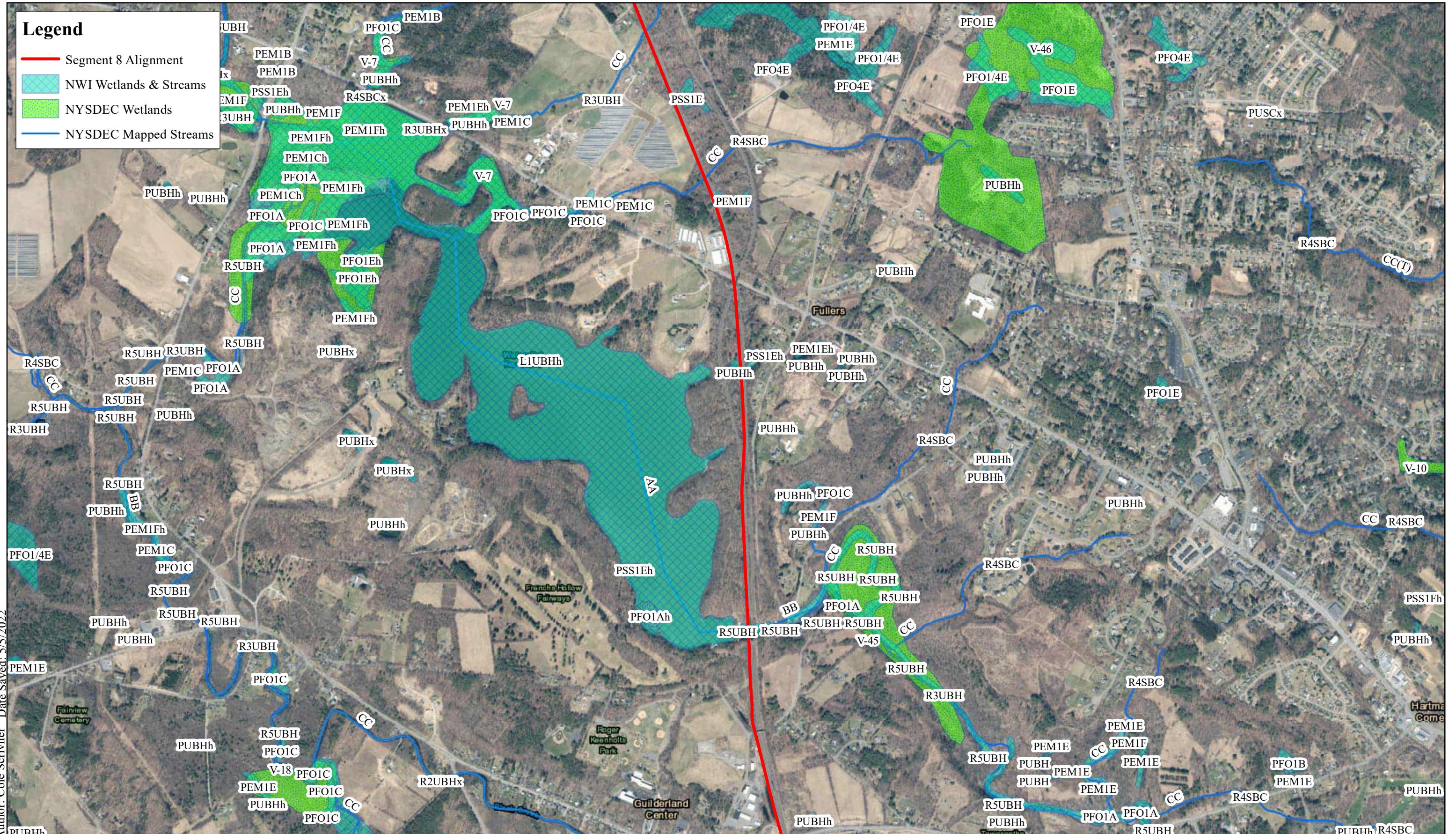
Page 2 of 7



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*Champlain Hudson Power Express
Segment 8 Package 5A Wetland & Stream Map
(NWI and NYSDEC)*

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community.
Wetland layers obtained from USEWS NWI and NYSDEC

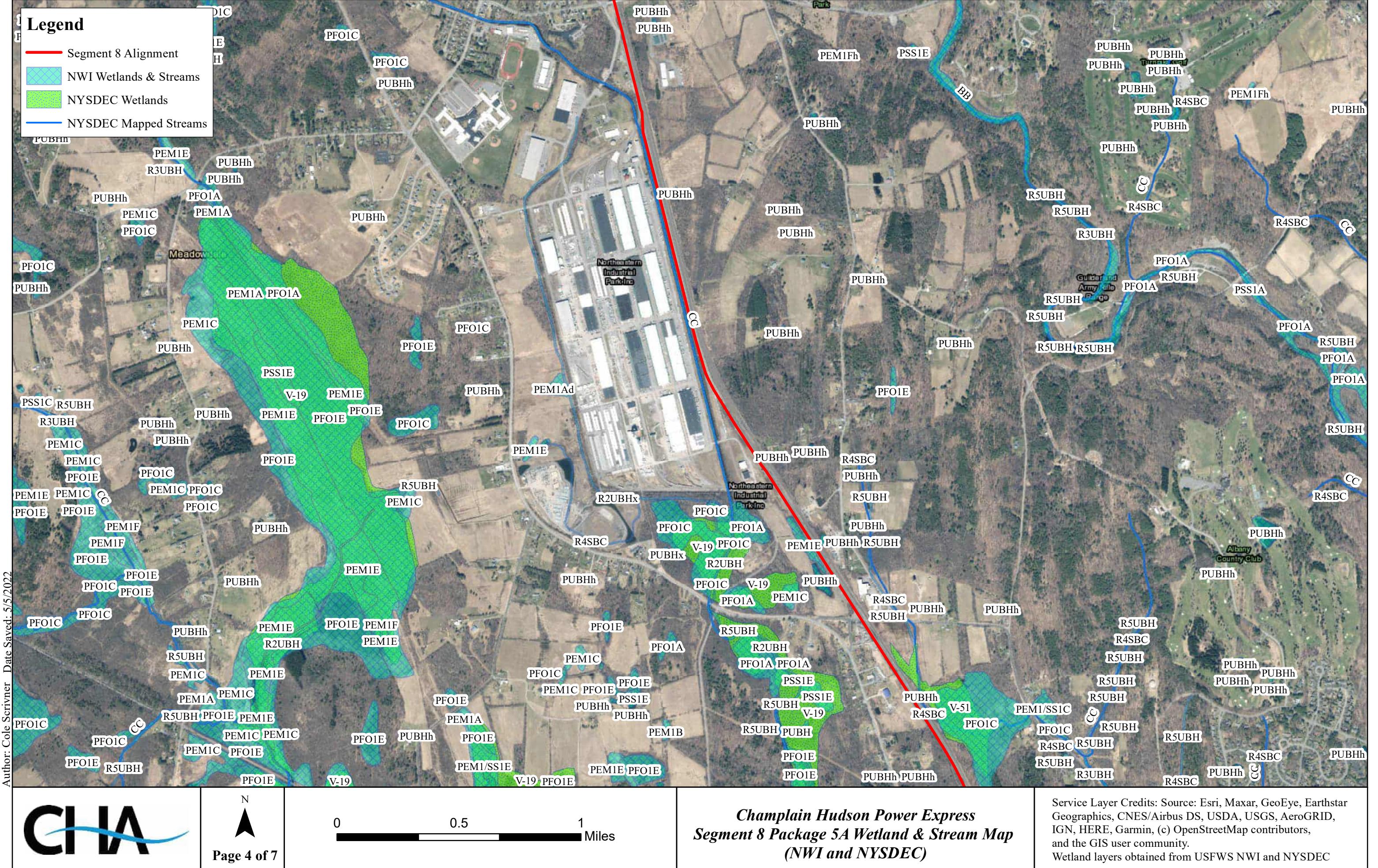


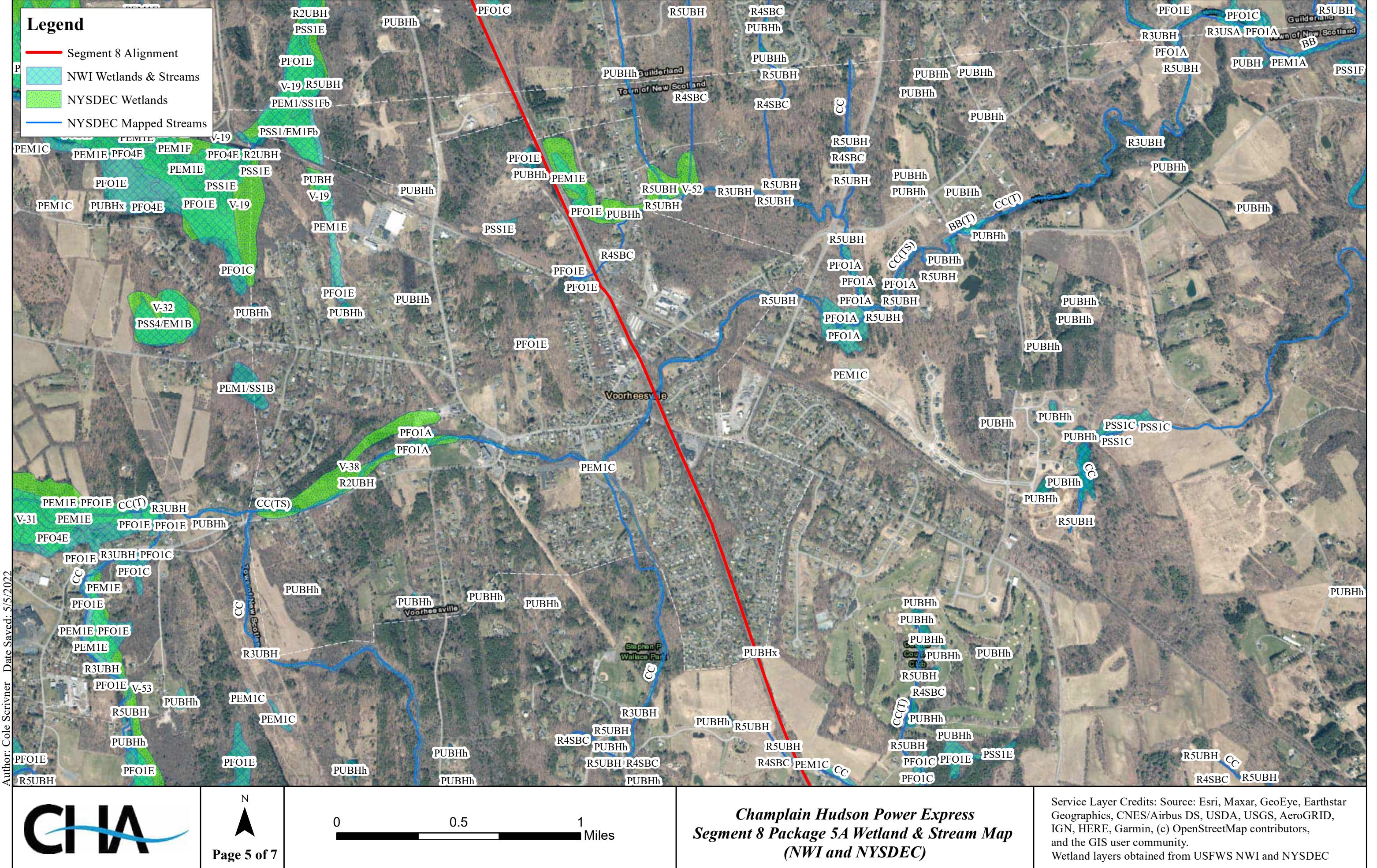
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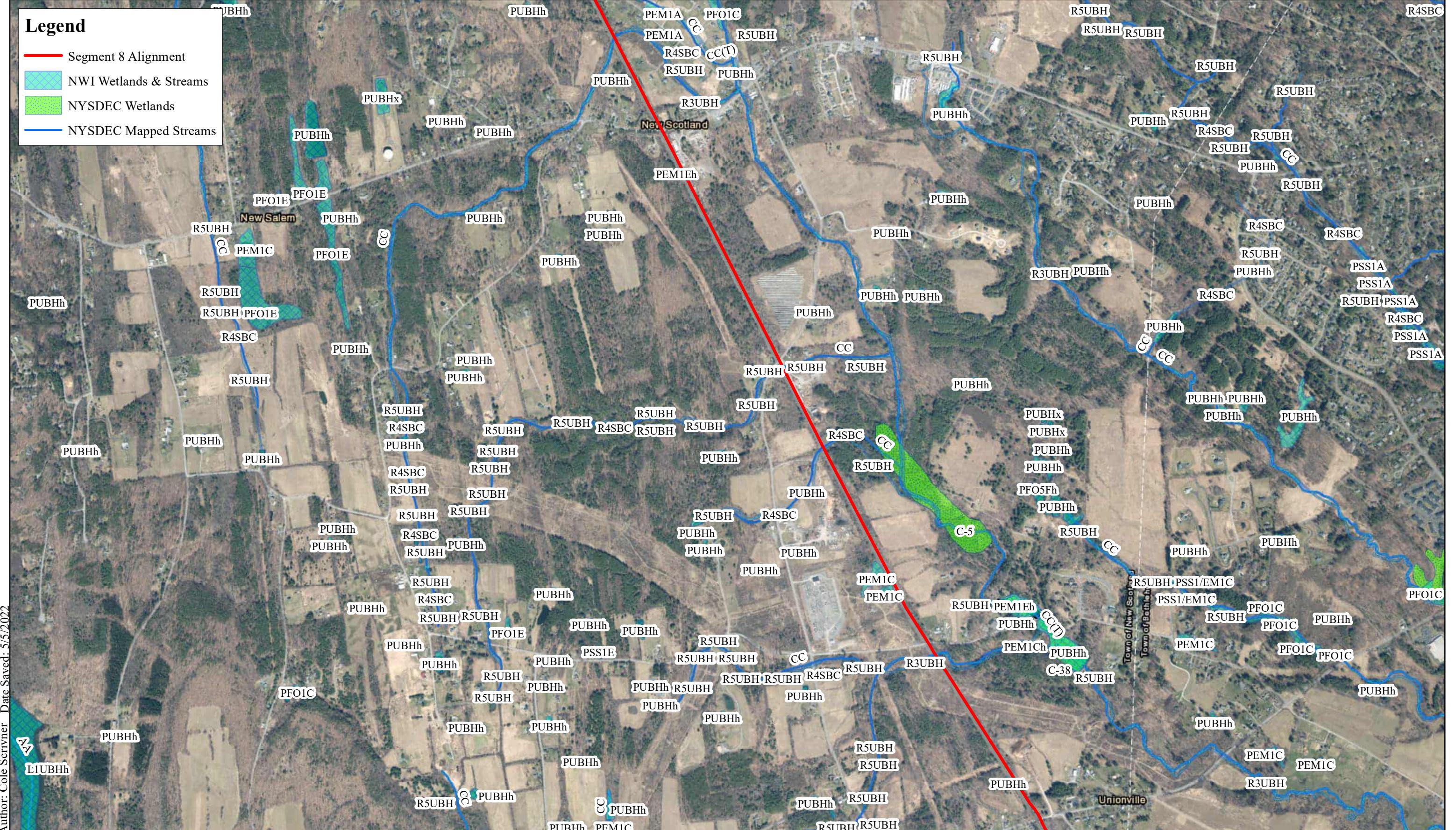
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*Champlain Hudson Power Express
Segment 8 Package 5A Wetland & Stream Map
(NWI and NYSDEC)*

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community.







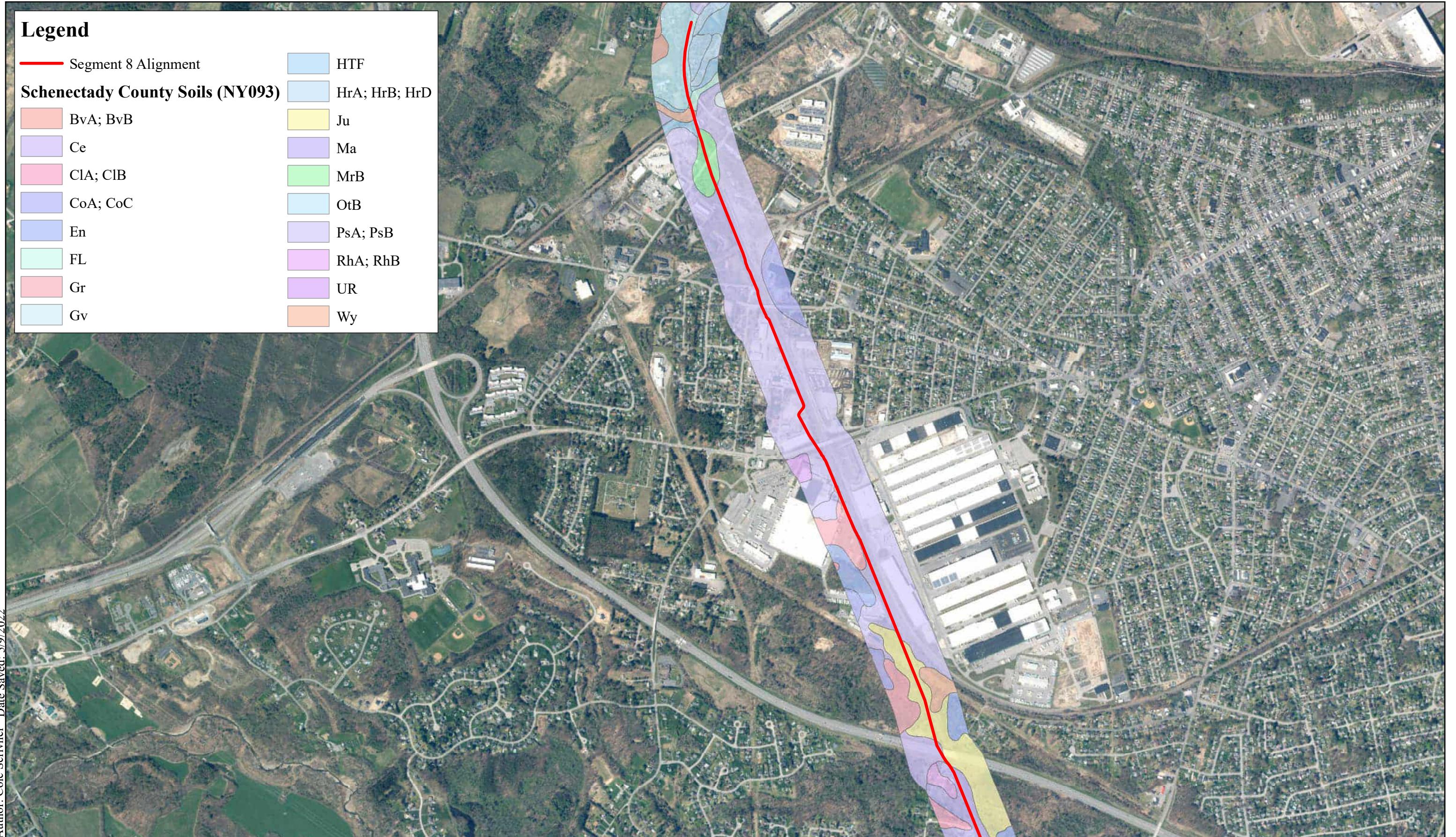
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**Champlain Hudson Power Express
Segment 8 Package 5A Wetland & Stream Map
(NWI and NYSDEC)**

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community.
Wetland layers obtained from USFWS NWI and NYSDEC

**ATTACHMENT 3
NRCS SOIL MAPS**



Author: Cole Scrivner Date Saved: 5/9/2022



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**Champlain Hudson Power Express
Segment 8 Package 5A NRCS Soil Map**

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community. Soil data was obtained from the NRCS.

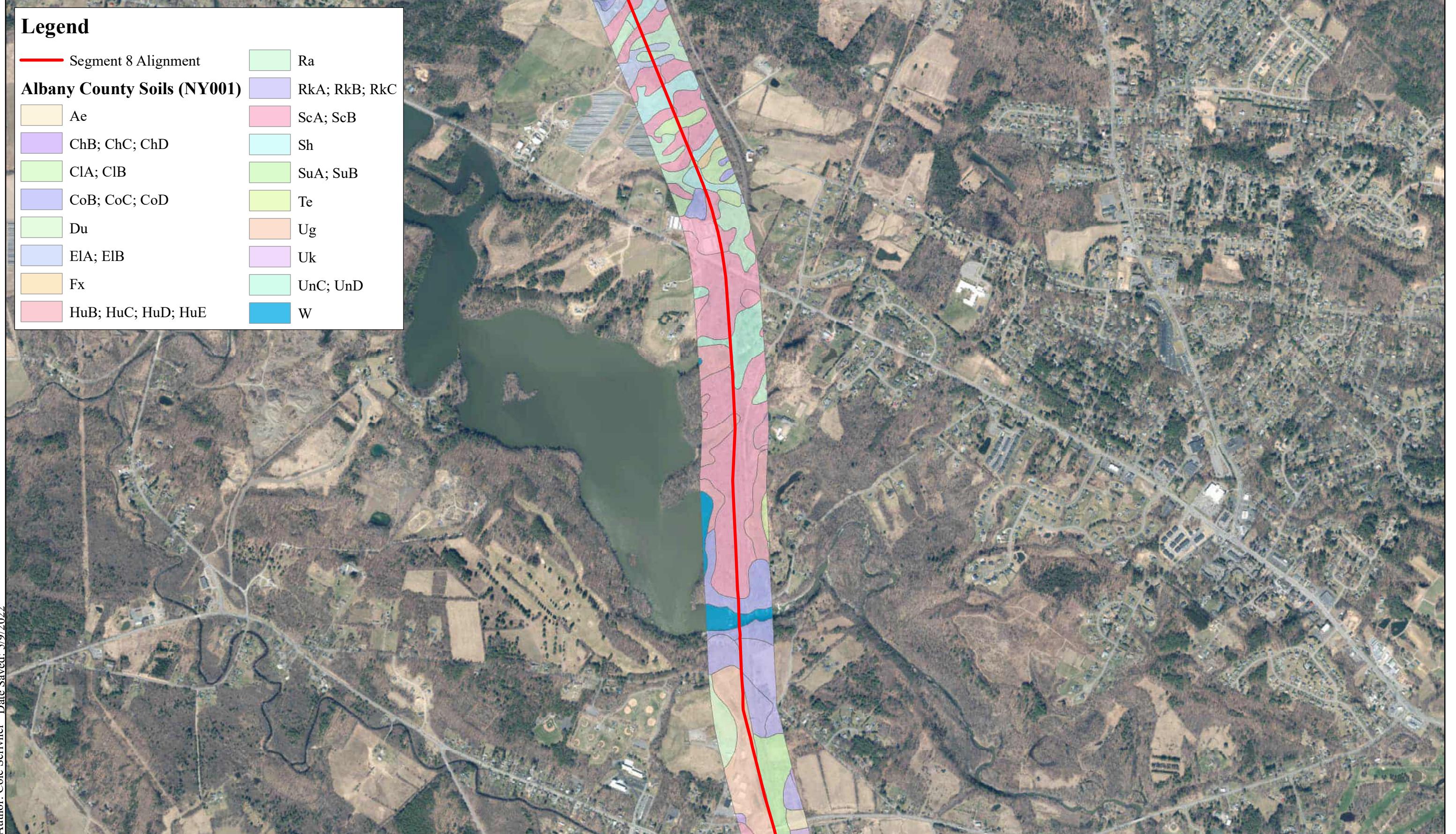


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Champlain Hudson Power Express Segment 8 Package 5A NRCS Soil Map

Service Layer Credits: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community. Soil data was obtained from the NRCS.



Author: Cole Scrivner Date Saved: 5/9/2022

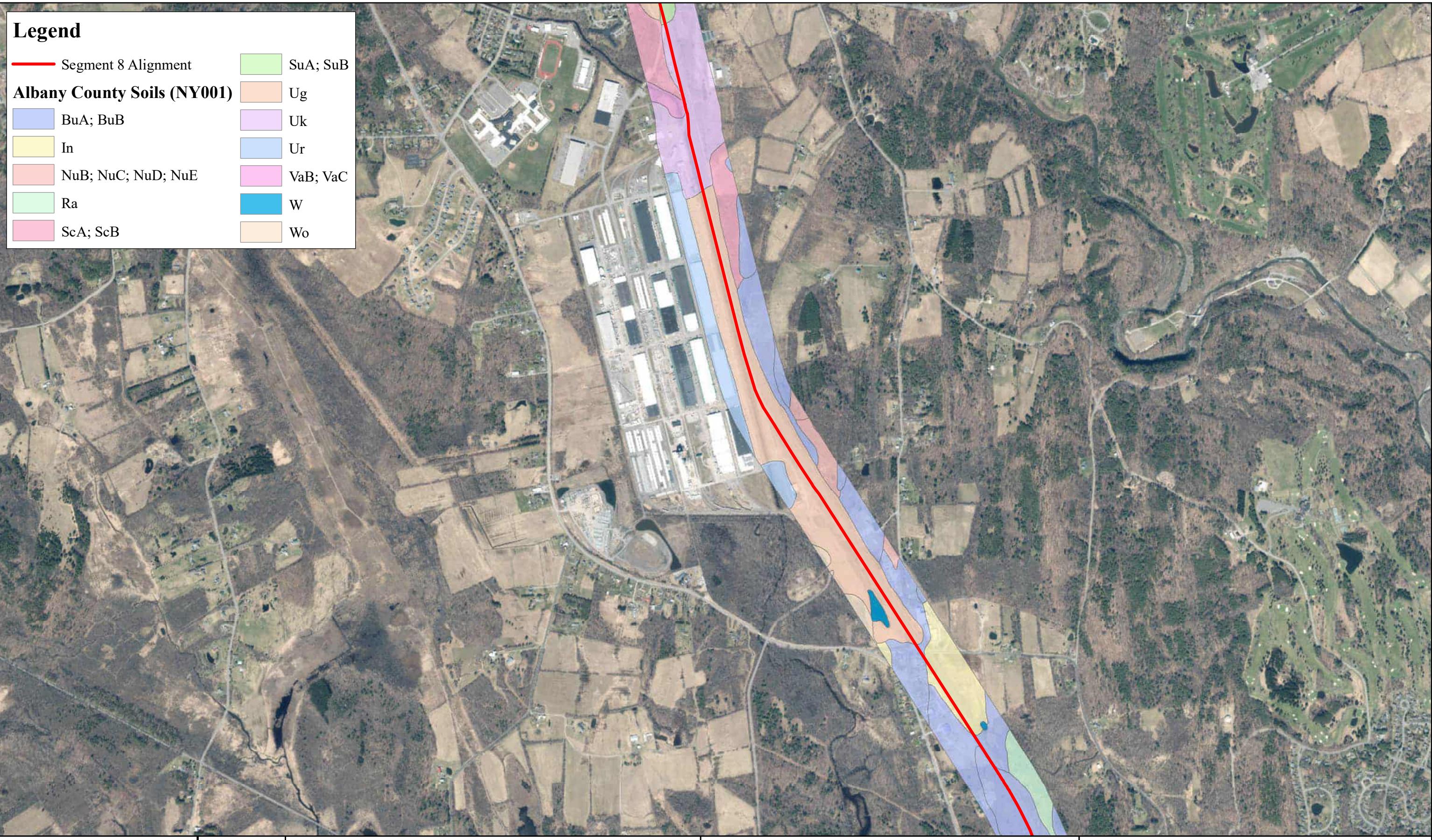


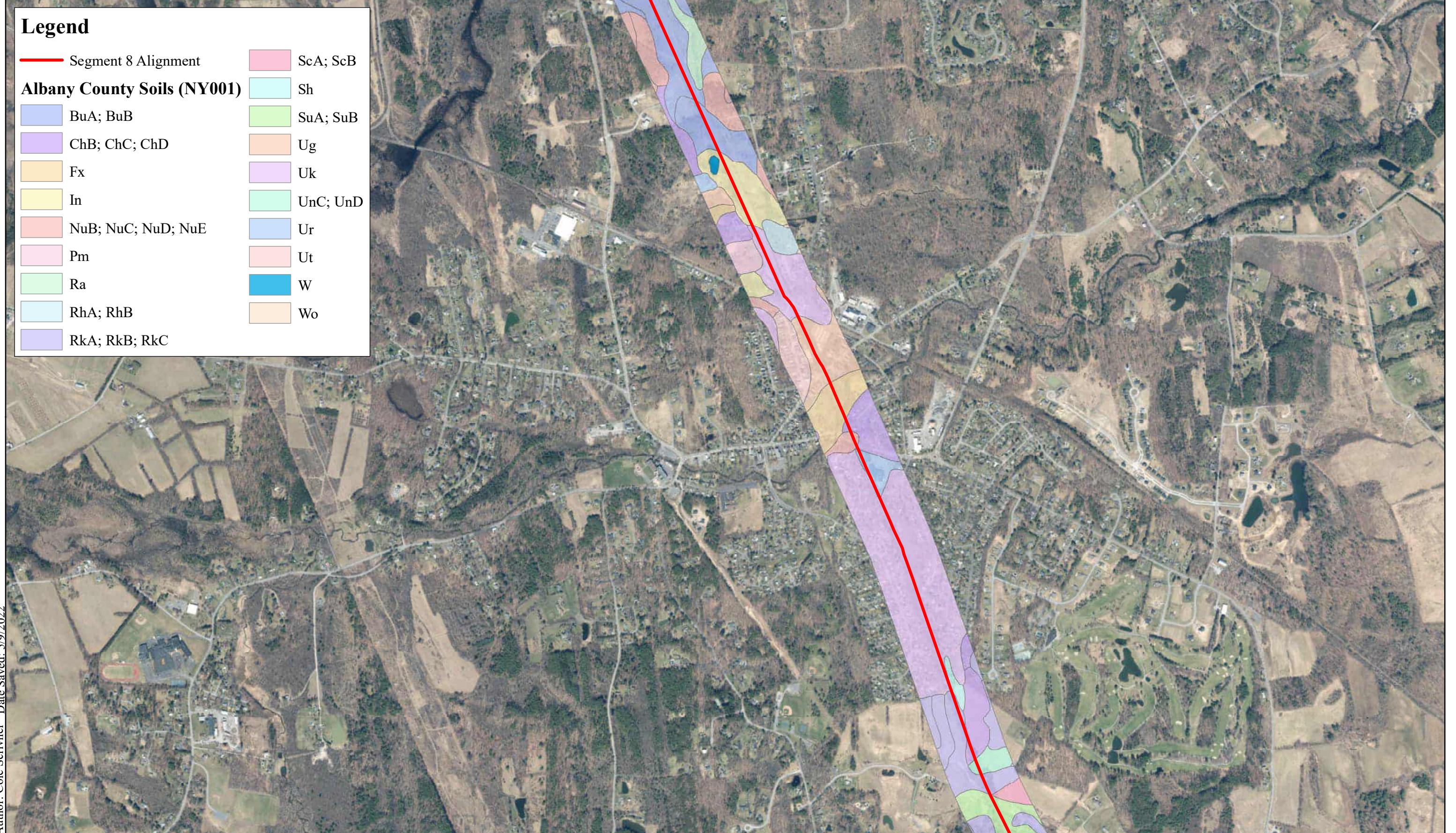
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Author: Cole Scrivner Date Saved: 5/9/2022

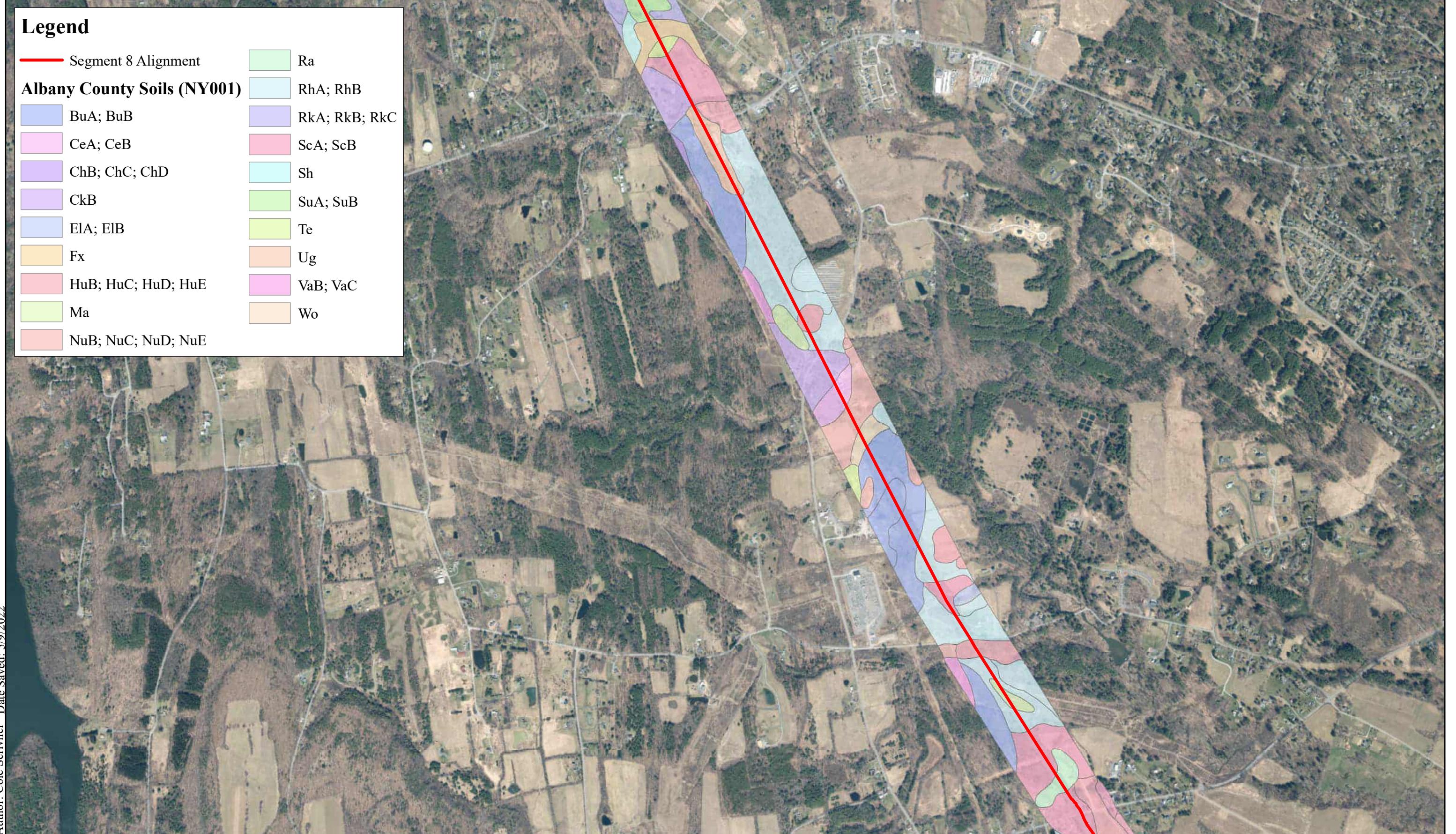


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Author: Cole Scrivner Date Saved: 5/9/2022

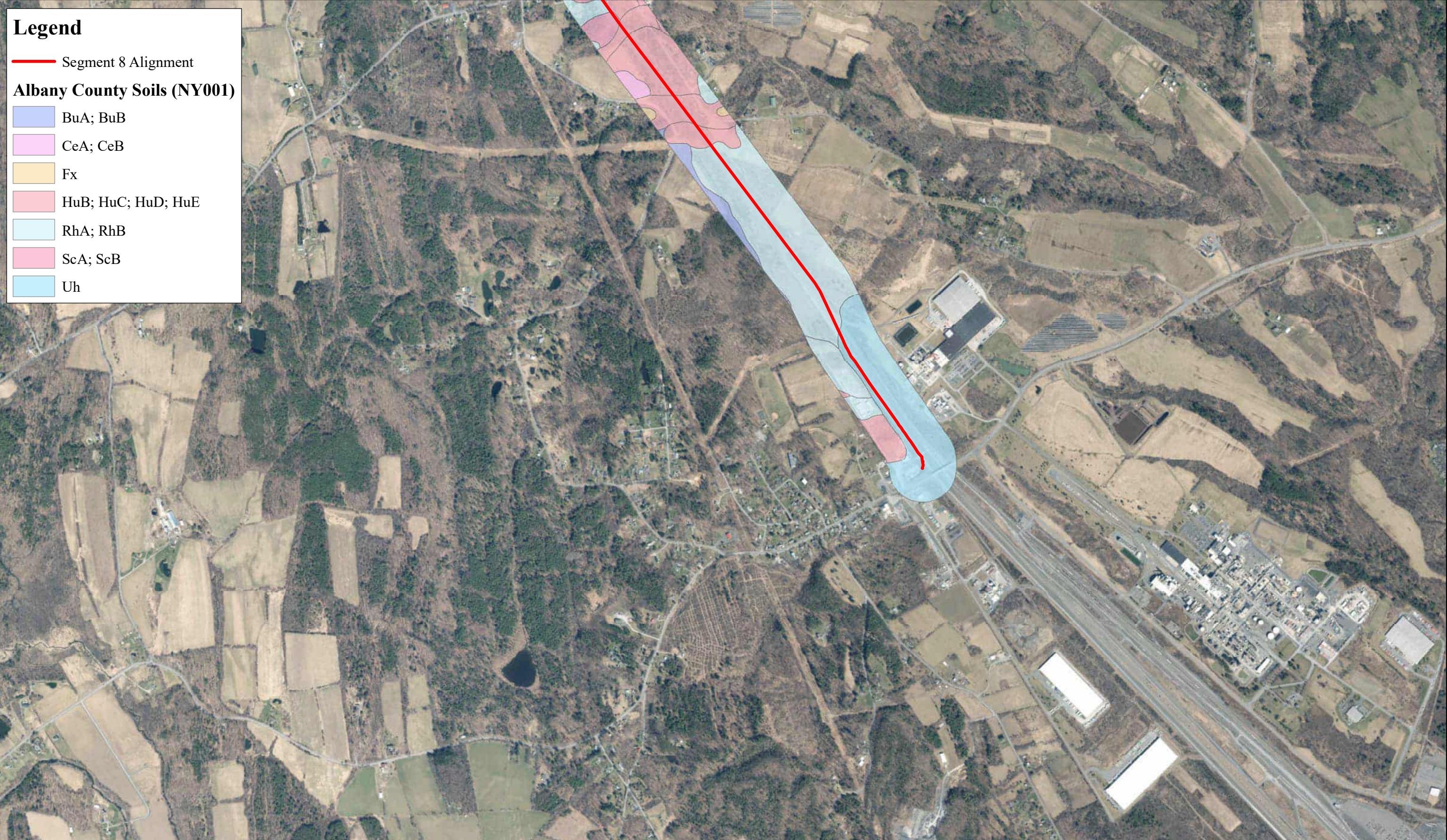


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Miles



ATTACHMENT 4
TABLES

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50069+00 C-105	G-R-B	PFO	None	3,238	USACE	42.786864, -73.993883
50087+00 C-106	G-R-C	PFO	Unnamed Tributary to Hudson River	7,697	USACE	42.781939, -73.991119
50095+00 C-107	P5-DB ³	PEM	None	0	USACE	42.780105, -73.990434
50096+50 C-107	P5-Y ³	PFO	None	0	USACE	42.779638, -73.990189
50103+00 C-107	G-R-D	PEM	Unnamed Tributary to Hudson River (G-R-S-D)	10,566	USACE	42.776656, -73.98825
		PFO		24,950		
50122+00 C-109	G-R-E	PSS	Unnamed Tributary to Hudson River (G-R-S-E)	12,463	USACE	42.772299, -73.985769
50132-30 C-109	P5-V ³	PEM	None	0	USACE	42.773216, -73.986612
50135+00 C-109	G-R-F	PFO	Unnamed Tributary to Hudson River	13,421	USACE	42.770058, -73.984718
50139+00 C-110	G-R-G	PFO	Unnamed Tributary to Hudson River	44,344	USACE	42.767975, -73.983545
50145+00 C-110	CH	PEM	Unnamed Tributary to Hudson River	6,351	USACE	42.766078, -73.982333
		PSS		14,171		
50146+65 C-110	P5-W ³	PFO	Unnamed Tributary to Hudson River	0	USACE	42.767856, -73.984161
50159+00 C-111	GCI ³	PFO	Unnamed Tributary to Hudson River (CS33)	0	USACE	42.767856, -73.984161
50160+00 C-111	CI	PEM	Unnamed Tributary to Hudson River (CS33)	0	USACE	42.763959, -73.981195
		PSS		138		

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50164+00 C-111	CJ	PEM	Unnamed Tributary to Hudson River	13,628	USACE	42.762013, -73.980103
50172+00 C-112	CK	PEM	Unnamed Tributary to Hudson River	8191	USACE	42.757546, -73.977668
		PSS		640		
		PFO		54,739		
50198+00 C-114	L	PEM	Unnamed Tributary to Hudson River	2,818	USACE	42.754019, -73.975687
50203+50 C-114	M	PSS	Unnamed Tributary to Hudson River	1,477	USACE	42.752723, -73.974981
50207+00 C-114	P5-X ³	PEM	Unnamed Tributary to Hudson River	0	USACE	42.752108, -73.974803
		PFO		0		
50211+00 C-115	N	PEM	Unnamed Tributary to Hudson River (S1)	10,076	USACE	42.750686, -73.973911
50230+00 C-116	O	PEM	Unnamed Tributary to Hudson River (S3)	3,952	USACE	42.745944, -73.97122
50233+00 C-116	GPI-99 ³	PSS	Unnamed Tributary to Hudson River (S3)	0	USACE	42.752108, -73.974803
50252+00 C-117	FA-FN ³	PEM	Unnamed Tributary to Hudson River (S4)	0	USACE	42.740373, -73.968397
		PSS		0		
50255+00 C-118	P	PEM	-	3,961	USACE	42.73968, -73.967801

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50258+00 C-118	Q	PEM	-	22,897	USACE	42.7388, -73.967395
50278+00 C-119	R	PEM	-	10,761	USACE	42.733645, -73.964513
50294+30 C-120	P5-B ³	PEM	Unnamed Tributary to Hudson River (P5-S2)	0	USACE	42.738356, -73.967156
50297+00 C-120	P5-A ³	PSS	Unnamed Tributary to Hudson River (P5-S1)	0	USACE	42.737901, -73.966825
50299+50 C-121	S	PEM	-	5,208	USACE	42.728228, -73.961585
50306+50 C-121	P5-Q ³	PEM	Unnamed Tributary to Hudson River	0	USACE	42.726424, -73.960523
50314+00 C-121	P5-D ³	PSS	Unnamed Tributary to Hudson River	0	USACE	42.724799, -73.961215
50316+00 C-122	P5-E ³	PFO	Unnamed Tributary to Hudson River	0	USACE	42.723897, -73.961559
50318+00 C-122	P5-K ³	PEM	Unnamed Tributary to Hudson River	0	USACE	42.723631, -73.961094
50322+50 C-122	P5-L ³	PUB	Unnamed Tributary to Hudson River (S3)	0	USACE	42.722197, -73.960508
		PEM		0		
50324+50 C-122	P5-M ³	PSS	Unnamed Tributary to Hudson River	0	USACE	42.721677, -73.960787
50326+50 C-122	P5-F ³	PEM	-	0	USACE	42.721239, -73.961498
50327+60 C-122	T	PSS	-	896	USACE	42.720686, -73.960301
50331+00 C-123	P5-G ³	PSS	Watervliet Reservoir (Trib. To Hudson River)	0	USACE	42.720425, -73.961353

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50333+00 C-123	P5-H ³	PSS	Watervliet Reservoir (Trib. To Hudson River)	0	USACE	42.719901, -73.961380
50334+00 C-123	P5-I ³	PEM	Watervliet Reservoir (Trib. To Hudson River)	0	USACE	42.718690, -73.961123
50336+00 C-123	P5-Q2 ³	PEM	Unnamed Tributary to Hudson River	0	USACE	42.718147, -73.959815
50339+00 C-123	P5-J ³	PEM	Watervliet Reservoir (Trib. To Hudson River)	0	USACE	42.718430, -73.960627
50343+00 C-123	U	PFO	Watervliet Reservoir (Trib. To Hudson River)	10,815	USACE	42.677289, -73.934003
50352+00 C-124	V	PFO	Watervliet Reservoir (Trib. To Hudson River)	13,590	USACE	42.714135, -73.96019
50366+50 C-125	W	PEM	-	631	USACE	42.71004, -73.960025
50375+00 C-126	X	PEM	-	2,503	USACE	42.707791, -73.959709
50378+50 C-126	Y	PEM	-	1,929	USACE	42.706804, -73.959448
50386+00 C-126	Z	PEM	-	16,677	USACE	42.704431, -73.958701
		PUB		17,442	USACE	
50397+00 C-127	AA	PEM	-	13,522	USACE	42.701599, -73.957584
50421+00 C-129	detention basin w/wetland	PEM	-	0	Assumed non-jurisdictional	42.695781, -73.956265
50468+00 C-132	G-R-A	PEM	Black Creek (G-R-S-A) (Trib. To Hudson River)	105,631	USACE NYSDEC (V-19)	42.680281, -73.947463
		PFO		5,173		

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50503+00 C-134	CA	PEM	Unnamed Tributary to Hudson River	51,412	USACE	42.673428, -73.941334
50523+00 C-135	DA	PEM	-	25,501	USACE	42.670416, -73.938762
50541+00 C-137	P5-S ³	PFO	-	0	USACE	42.666023, -73.935790
50546+00 C-137	P5-T ³	PFO	-	0	USACE	42.665455, -73.935559
50554+00 C-137	EA	PEM	-	51,722	USACE	42.66157, -73.93306
50579+00 C-139	FA-AM	PSS	Unnamed Tributary to Hudson River (AL)	1,858	USACE	42.656748, -73.930076
50580+50 C-139	FA-AK	PEM	Unnamed Tributary to Hudson River (AL)	3,584	USACE	42.656329, -73.929794
50646+00 C-144	FA-AC	PEM	-	2,862	USACE	42.640086, -73.920188
50665+25 C-145	FA-Z	PEM	Unnamed Tributary to Hudson River (AA)	1,392	USACE	42.635126, -73.917494
50676+50 C-146	FA-W	PEM	Unnamed Tributary to Hudson River (V)	5,721	USACE	42.63275, -73.915941
50700+00 C-147	CS	PEM	Unnamed Tributary to Hudson River (CS3)	6,405	USACE	42.623504, -73.909444
50742+00 C-150		PFO		96,011		
50761+00 C-151	CR	PEM	Unnamed Tributary to Hudson River	12,624	USACE & NYSDEC (C-5)	42.615945, -73.904253
50764+00 C-151		PFO		9,669		
	CQ ³	PEM	-	-	-	-
	CP	PEM	Vloman Kill	8,498	USACE & NYSDEC (C-5)	42.611309, -73.900947

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50765+00 C-152	CO	PEM	-	2,675	USACE	42.610803, -73.900777
50768+50 C-152	EDR L	PSS	-	299	USACE	42.610355, -73.900345
50769+00 C-152	CN	PEM	Vloman Kill	8,610	USACE & NYSDEC (C-5)	42.610046, -73.900088
50772+75 C-152	CM	PEM	Vloman Kill	2,181	USACE & NYSDEC (C-5)	42.609328, -73.899471
50777+00 C-152	EDR K	PEM	-	4,000	USACE	42.608074, -73.89873
50796+00 C-154	EDR I	PFO	Unnamed Tributary to Hudson River	2,170	USACE	42.603802, -73.894971
50800+00 C-154	EDR H	PSS	Unnamed Tributary to Hudson River	1,404	USACE	42.602871, -73.894204
		PFO		2,759		
50830+00 C-156	P5A-B ³	PFO	Unnamed Tributary to Hudson River	0	USACE	42.595559, -73.887259
50834+50 C-156	EDR G	PEM	Unnamed Tributary to Hudson River (EDR STB)	2,424	USACE	42.595194, -73.886696
50835+00 C-1	P5-O ³	PSS	Unnamed Tributary to Hudson River	0	USACE	42.595014, -73.887470
50841+00 C-157	P5-N ³	PEM	Unnamed Tributary to Hudson River (P5-S5)	0	USACE	42.593637, -73.885883
		PSS		0		
50856+00 C-158	P5-A ³		Unnamed Tributary to Hudson River	0	USACE	
50870+00 C-159	P5-P ³	PSS	Unnamed Tributary to Hudson River (P5-S5)	0	USACE	-
50841+00	EDR F	PEM	-	19,516	USACE	42.591502, -73.883282

Table 4-1
Summary of Wetlands Within the Project Corridor¹

Approximate Station & Dwg. No.	Wetland ID	Cowardin Classification ²	Associated Water Course	Area w/in JD Limits Square Feet (sf)	USACE & NYSDEC Jurisdiction	Coordinates (lat., long)
50861+00	EDR E	PEM	-	3,281	USACE	42.588817, -73.880553
50862+00	EDR D	PSS	Unnamed Tributary to Hudson River	7,405	USACE	42.588786, -73.879985
50867+00	EDR C	PEM	Unnamed Tributary to Hudson River	6,753	USACE	42.587397, -73.87912
50874+00	EDR B	PEM	Unnamed Tributary to Hudson River	0	USACE	42.579734, -73.874209
50889+50 C-160	EDR A	PEM	-	0	USACE	42.583008, -73.8752 49
50895+00 C-160	P5-C ³	PEM	Unnamed Tributary to Hudson River (P5-S5)	0	USACE	42.580982, -73.874049
50897+00 C-160	A-1	PEM	Unnamed Tributary to Hudson River	11,301	USACE	42.580431, -73.873516

¹ Wetlands identified include both wetlands that are directly crossed by the overland transmission cable corridor as well as wetlands that are adjacent to the Project Corridor that were delineated during field surveys.

² Cowardin et al. 1979 categories include: Palustrine Emergent (PEM), Palustrine Forested (PFO), Palustrine Scrub-Shrub (PSS) and palustrine unconsolidated bottom (PUB).

³ Wetland boundaries on the plans in Attachment 5 are approximate, based on field delineation, but have not been surveyed. These wetlands will be surveyed and mapped prior to construction.

Table 4-2
Summary of Waterbodies within the Project Corridor

Approximate Station & Dwg. No.	Waterbody Name	NYSDEC Classification	Waterbody Field ID & NYSDEC Regulation	Flow Status	Substrate	Width (ft.) ¹	Depth (ft.) ¹	Length w/in JD Boundary	Coordinates (lat., long)
50014+00 C-101	Poentic Kill	B/B	S1A 876-99	Perennial	Cobble-gravel/boulders	35	3	0	42.800847, -74.001055
50110+60 C-108	Unnamed Tributary to Hudson River	Unmapped	G-R-S-D	Intermittent	Cobble-gravel/silt/sand	30	5	35	42.776221, -73.988055
50125+50 C-109	Unnamed Tributary to Hudson River	C/C(T)	G-R-S-E 863-688	Perennial	Silt	25	3	32	42.772545, -73.985929
50160+50 C-111	Unnamed Tributary to Hudson River	C/C	CS33 863-686	Intermittent	Mineral soil/silt	5	1	21	42.763729, -73.981032
50219+20 C-115	Unnamed Tributary to Hudson River	C/C	S1 863-686	Perennial	Silt	5	1	92	42.748849, -73.97294
50225+35 C-116	Unnamed Tributary to Hudson River	C/C	S2 863-686	Intermittent	Cobble-gravel	6	2	95	42.747301, -73.972106
50230+25 C-116	Unnamed Tributary to Hudson River	Unmapped	S3	Intermittent	Silt	7	0.5	62	42.745939, -73.971283
50251+10 C-117	Unnamed Tributary to Hudson River	C/C	S4 863-684	Intermittent	Cobble-gravel/silt	6	1	76	42.740713, -73.968417
50270+50 C-119	Unnamed Tributary to Hudson River	C/C	S5 863-684	Perennial	Silt	30	1	147	42.735724, -73.965764

50281+90 C-119	Unnamed Tributary to Hudson River	Unmapped	S6	Intermittent	Silt	15	2	34	42.73281, -73.964014
50294+15 C-120	Unnamed Tributary to Hudson River	Unmapped	P5-S2	Perennial	Cobble-gravel	9	1.5	0	42.738356, -73.967156
50296+70 C-120	Unnamed Tributary to Hudson River	C/C	P5-S1 863-684	Intermittent	Cobble-gravel	5.5	2	0	42.737901, -73.966825
50321+50 C-122	Unnamed Tributary to Hudson River	Unmapped	P5-SD	Intermittent	Cobble-gravel/mineral	4	1	0	42.722448, -73.960761
50363+00 C-125	Normans Kill	B/B	Normans Kill 863-638	Perennial	Bedrock/Cobble-gravel	200	6	103	42.711423, -73.959913
50412+50 C-128	Unnamed Tributary to Hudson River	Unmapped	P5-S4	Perennial	Mineral	2.5	0.5	0	42.697547, -73.957013
50414+50 C-128	Black Creek	C/C	G-R-S-A 863-669	Perennial	Cobble-gravel/silt	30	3	3,883	42.692282, -73.954718
50475+60 C-132	Unnamed Tributary to Hudson River	Unmapped	G-R-S-B	Intermittent	Silt	2	0.5	67	42.681639, -73.948538
50488+75 C-133	Unnamed Tributary to Hudson River	Unmapped	G-R-S-C	Intermittent	Silt	2	0.5	41	42.678851, -73.946041
50581+15 C-139	Unnamed Tributary to Hudson River	C/C	AL 863-655	Intermittent	Cobble-gravel/silt	14	2.5	50	42.656575, -73.929989
50583+50 C-139	Unnamed Tributary to Hudson River	Unmapped	AJ	Intermittent	Cobble-gravel/silt	4	1	72	42.656016, -73.929564
50601+50 C-141	Vly Creek	C/C(TS)	AG 863-651.1	Perennial	Cobble-gravel/silt	40	3.5	73	42.651301, -73.926245

50664+50 C-145	Unnamed Tributary to Hudson River	C/C	AA 863-588	Intermittent	Cobble- gravel/silt	7	1.5	183	42.635162, -73.917665
50676+00 C-146	Unnamed Tributary to Hudson River	C/C	V 863-588	Perennial	Cobble- gravel/silt	12	1	58	42.632517, -73.915798
50678+00 C-146	Unnamed Tributary to Hudson River	Unmapped	U	Intermittent	Cobble- gravel/silt	3	1	1,100	42.631037, -73.914777
50689+20 C-146	Unnamed Tributary to Hudson River	Unmapped	T	Intermittent	Cobble- gravel/silt	6	1.5	52	42.629612, -73.913746
50692+25 C-147	Unnamed Tributary to Hudson River	Unmapped	Y	Intermittent	Silt	4	1	106	42.628834, -73.913279
50717+60 C-148	Unnamed Tributary to Vloman Kill	Unmapped	CS3	Intermittent	Silt	6	0.5	81	42.622698, -73.908905
50732+60 C-149	Unnamed Tributary to Hudson River	C/C	CS2 863-588	Intermittent	Cobble- gravel	10	1	22	42.618989, -73.906534
50746+20 C-150	Unnamed Tributary to Hudson River	C/C	CS1 863-588	Intermittent	Cobble- gravel/silt	4	1	64	42.615744, -73.904125
50781+65 C-153	Unnamed Tributary to Hudson River	C/C	EDR STE 863-588	Perennial	Silt/cobble -gravel, sand	8	1	33	42.607205, -73.897843
50815+75 C-155	Unnamed Tributary to Hudson River	Unmapped	EDR STD	Perennial	Silt/cobble -gravel	5	1	69	42.599343, -73.890904
50818+15 C-156	Unnamed Tributary to Hudson River	C/C	EDR STC 863-588	Perennial	Silt/cobble -gravel	5	1	53	42.598564, -73.890077

50832+90 C-156	Unnamed Tributary to Hudson River	C/C	EDR STB 863-588	Perennial	Silt/cobble -gravel, sand	20	2	127	42.595301, -73.886726
50834+40 C-156	Unnamed Tributary to Hudson River	C/C	P5-S6 863-588	Intermittent	Silt	5	1	0	42.599306, -73.891176
50850+00 C-157	Unnamed Tributary to Hudson River	Unmapped	P5-S5	Perennial	Cobble- gravel/min eral	4	0.5	0	42.586767, -73.879520
50857+75	Unnamed Tributary to Hudson River	Unmapped	P5A-S1	Intermittent	Boulder- cobble- gravel/min eral	4	1	0	—
50875+50	Unnamed Tributary to Hudson River	Unmapped	EDR STA	Perennial	Cobble- gravel	3	0.5	0	42.58215, -73.874067

Bankfull width and bankfull depth measurements are approximate.

Table 4-3
Soil Description Summary

County	Soil Name	Symbol	% Slopes	Hydric (y/n)	Drainage Class
<i>Hydric Soils</i>					
Albany	Allis silt loam	Ae	0-3	Y	Poorly Drained
Albany	Birdsall mucky silt loam	Br	0-2	Y	Very Poorly Drained
Schenectady	Cheektowaga	Ce	0-3	Y	Very Poorly Drained
Albany	Fluvaquents-Udifluvents complex, frequently flooded	Fx	0-3	Y	Poorly Drained
Albany	Granby loamy fine sand	Gr	0-2	Y	Very Poorly Drained
Schenectady	Granby loamy fine sand	Gr	0-3	Y	Poorly Drained
Albany	Ilion silt loam	In	0-3	Y	Poorly Drained
Schenectady	Junius loamy fine sand	Ju	0-3	Y	Poorly Drained
Albany	Madalin silt loam	Ma	0-3	Y	Poorly Drained
Schenectady	Madalin silty clay loam	Ma	0-3	Y	Poorly Drained
Albany	Raynham very fine sandy loam	Ra	0-3	Y	Poorly Drained
Albany	Shaker fine sandy loam	Sh	0-3	Y	Poorly Drained
Albany	Wayland soils complex, non-calcareous substratum	Wo	0-3	Y	Poorly Drained
Schenectady	Wayland soils complex	Wy	0-3	Y	Poorly Drained

Table 4-3
Soil Description Summary

Non-hydric Soils					
County	Soil Name	Symbol	% Slopes	Hydric (y/n)	Drainage Class
Albany	Burdett silt loam	BuA	0-3	N	Somewhat Poorly Drained
Albany	Burdett silt loam	BuB	3-8	N	Somewhat Poorly Drained
Albany	Castile gravelly loam	CeA	0-3	N	Moderately Well Drained
Albany	Castile gravelly loam	CeB	3-8	N	Moderately Well Drained
Albany	Chenango channery silt loam, fan	CkB	3-8	N	Well Drained
Albany	Chenango gravelly silt loam, loamy substratum	ChB	3-8	N	Well Drained
Albany	Chenango gravelly silt loam, loamy substratum, rolling	ChC	8-15	N	Well Drained
Albany	Chenango gravelly silt loam, loamy substratum, hilly	ChD	15-25	N	Well Drained
Albany/Schenectady	Claverack loamy fine sand	CIA	0-3	N	Moderately Well Drained
Albany/Schenectady	Claverack loamy fine sand	CIB	3-8	N	Moderately Well Drained
Schenectady	Colonie loamy fine sand	CoA	0-3	N	Well Drained
Albany	Colonie loamy fine sand	CoB	3-8	N	Well Drained
Albany	Colonie loamy fine sand, rolling	CoC	8-15	N	Somewhat Excessively Drained

Table 4-3
Soil Description Summary

County	Soil Name	Symbol	% Slopes	Hydric (y/n)	Drainage Class
Schenectady	Colonie loamy fine sand	CoC	3-15	N	Well Drained
Albany	Colonie loamy fine sand, hilly	CoD	15-25	N	Somewhat Excessively Drained
Albany	Cosad	Cs	0-3	N	Somewhat Poorly Drained
Albany	Dumps	Du	-	-	-
Albany	Elmridge fine sandy loam	EIA	0-3	N	Moderately Well Drained
Albany	Elmridge fine sandy loam	EIB	0-3	N	Moderately Well Drained
Schenectady	Elnora loamy fine sand	En	0-3	N	Moderately Well Drained
Albany	Elnora loamy fine sand	EnA	0-3	N	Moderately Well Drained
Albany	Elnora loamy fine sand	EnB	3-8	N	Moderately Well Drained
Schenectady	Howard soils, very steep	HTF	25-70	N	Well Drained
Schenectady	Hudson silty clay loam	HuB	3-8	N	Moderately Well Drained
Schenectady	Hudson silty clay loam	HuC	8-15	N	Moderately Well Drained
Albany	Hudson silt loam	HuB	3-8	N	Moderately Well Drained
Albany	Hudson silt loam	HuC	8-15	N	Moderately Well Drained
Albany	Hudson silt loam, hilly	HuD	15-25	N	Moderately Well Drained

Table 4-3
Soil Description Summary

County	Soil Name	Symbol	% Slopes	Hydric (y/n)	Drainage Class
Albany	Hudson silt loam	HuE	25-45	N	Moderately Well Drained
Schenectady	Mardin gravelly silt loam	MrB	3-8	N	Moderately Well Drained
Albany	Nunda silt loam	NuB	3-8	N	Moderately Well Drained
Albany	Nunda silt loam	NuC	8-15	N	Moderately Well Drained
Albany	Nunda silt loam	NuD	15-25	N	Moderately Well Drained
Albany	Nunda silt loam	NuE	25-35	N	Moderately Well Drained
Albany	Pits, gravel	Pm	-	-	-
Albany	Pits, quarry	Pn	-	-	-
Schenectady	Plainfield loamy sand	PsA	0-3	N	Excessively Drained
Schenectady	Plainfield loamy sand	PsB	3-10	N	Excessively Drained
Albany/Schenectady	Rhinebeck silty clay loam	RhA	0-3	N	Somewhat Poorly Drained
Albany/Schenectady	Rhinebeck silty clay loam	RhB	3-8	N	Somewhat Poorly Drained
Albany	Riverhead fine sandy loam	RkA	0-3	N	Well Drained
Albany	Riverhead fine sandy loam	RkB	3-8	N	Well Drained
Albany	Riverhead fine sandy loam	RkC	8-15	N	Well Drained
Albany	Scio silt loam	ScA	0-3	N	Moderately Well Drained

Table 4-3
Soil Description Summary

County	Soil Name	Symbol	% Slopes	Hydric (y/n)	Drainage Class
Albany	Scio silt loam	ScB	3-8	N	Moderately Well Drained
Albany	Stafford loamy fine sand	St	0-3	N	Somewhat Poorly Drained
Albany	Sudbury fine sandy loam	SuA	0-3	N	Moderately Well Drained
Albany	Sudbury fine sandy loam	SuB	3-8	N	Moderately Well Drained
Albany	Teel silt loam	Te	0-3	N	Moderately Well Drained
Albany	Udorthents, clayey-Urban land complex	Uh	0-8	-	Moderately Well Drained
Albany	Udorthents, loamy	Ug	0-8	-	Moderately Well Drained
Albany	Udorthents, loamy-Urban land complex	Uk	0-8	-	Well Drained
Albany	Unadilla silt loam	UnC	8-15	N	Well Drained
Albany	Unadilla silt loam	UnD	15-25	N	Well Drained
Albany	Urban land	Ur	-	N	-
Schenectady	Urban land-Colonie complex	UR	0-3	N	Well Drained
Albany	Urban land-Udorthents complex	Ut	0-8	-	Moderately Well Drained
Albany	Valois gravelly loam	VaB	3-8	N	Well Drained
Albany	Valois gravelly loam	VaC	8-15	N	Well Drained

ATTACHMENT 5
WETLANDS AND WATERBODIES DELINEATION MAPPING

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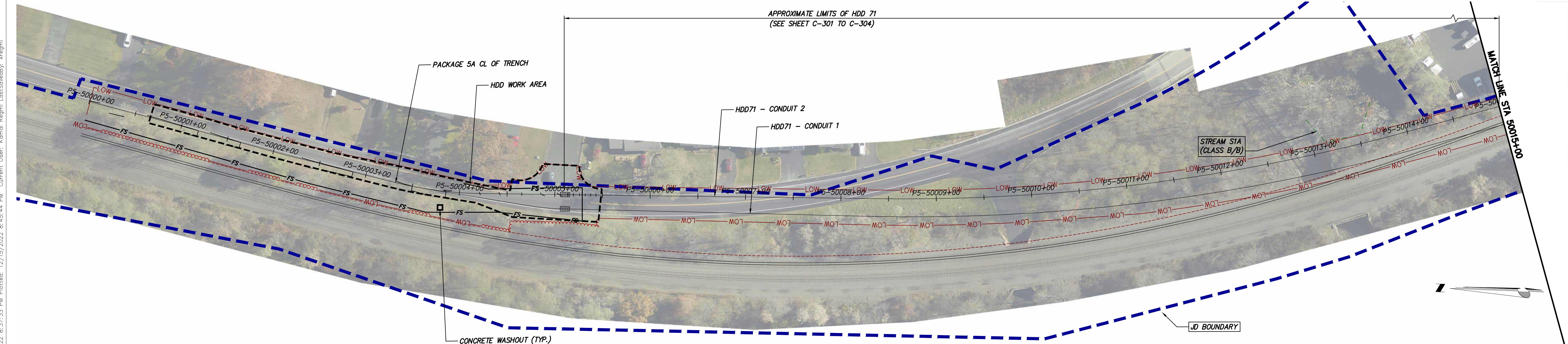
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E&SC KEY PLAN
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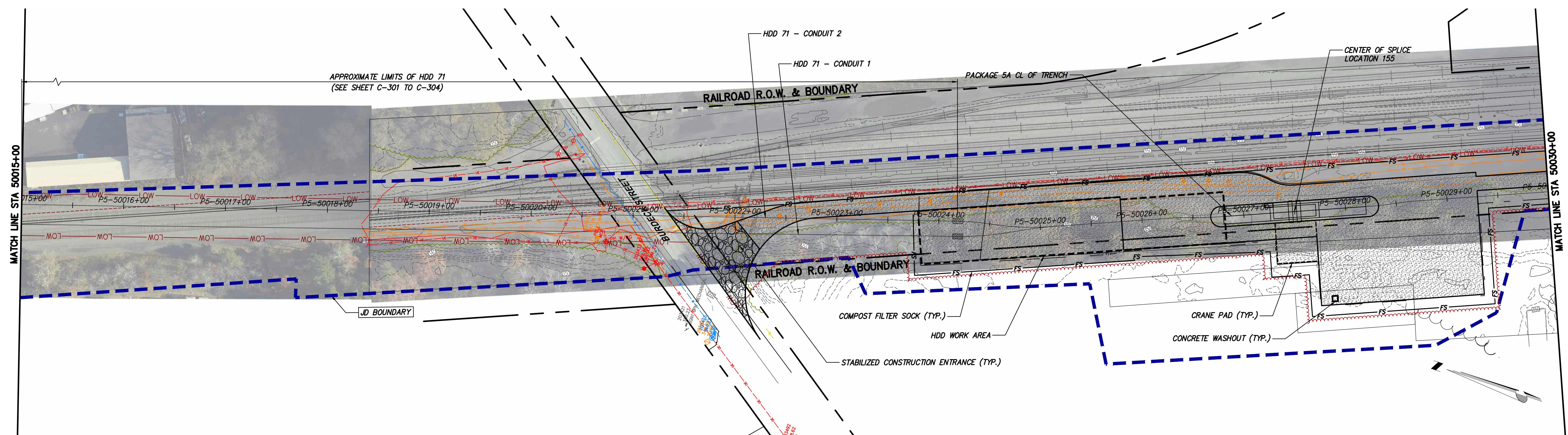
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STA. 50000+00 TO STA. 50015+00 PLAN VIEW

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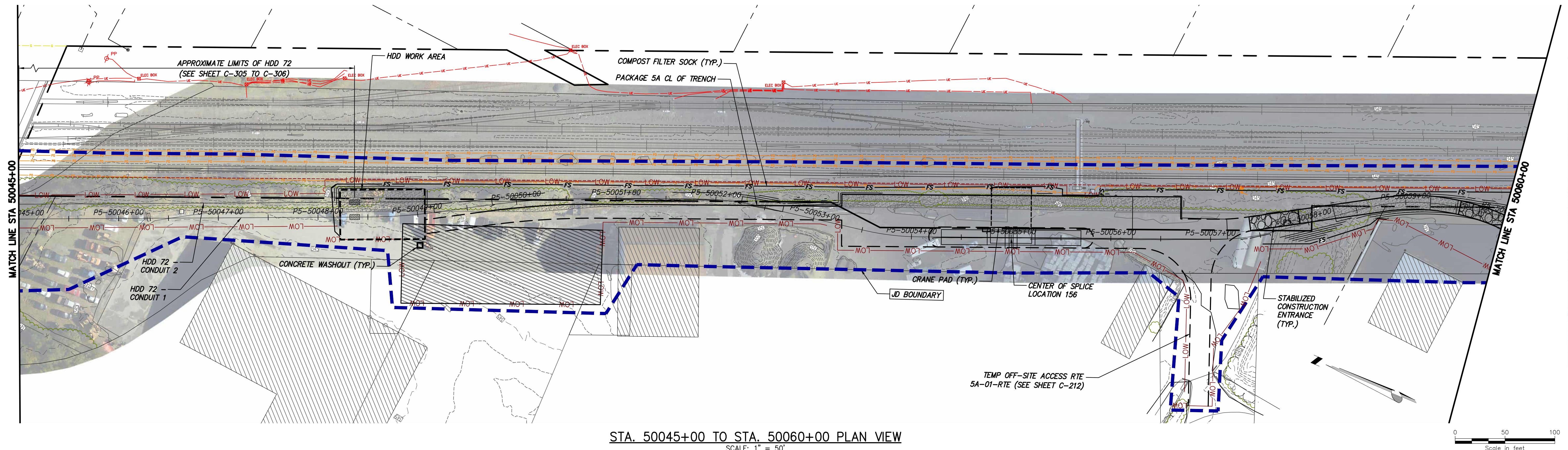
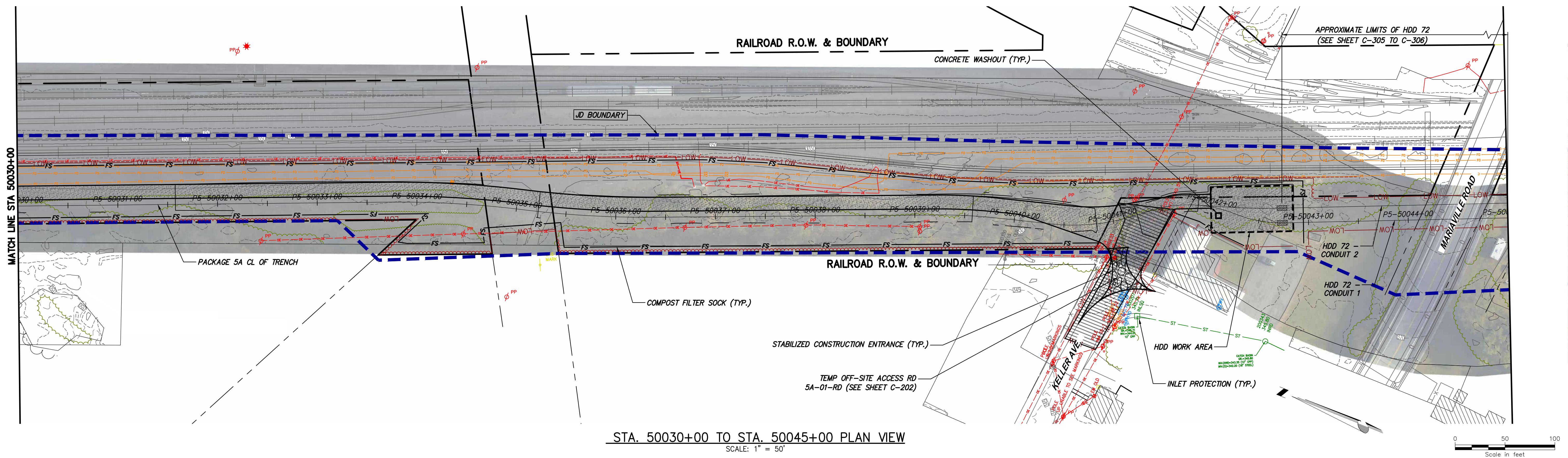
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Scale in feet



STA. 50015+00 TO STA. 50030+00 PLAN VIEW

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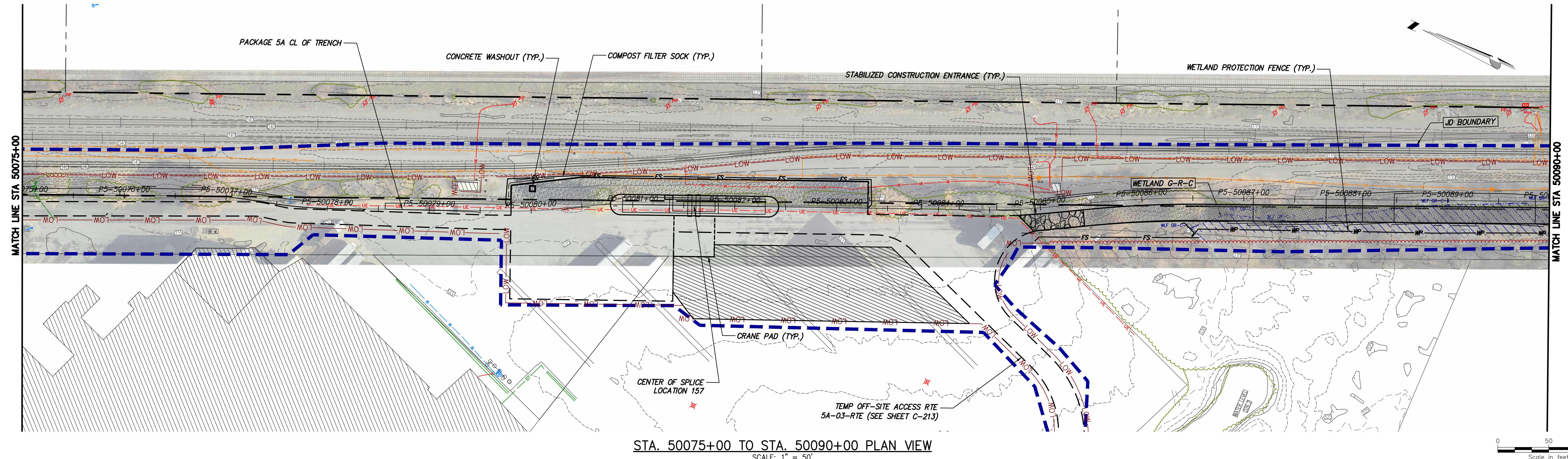
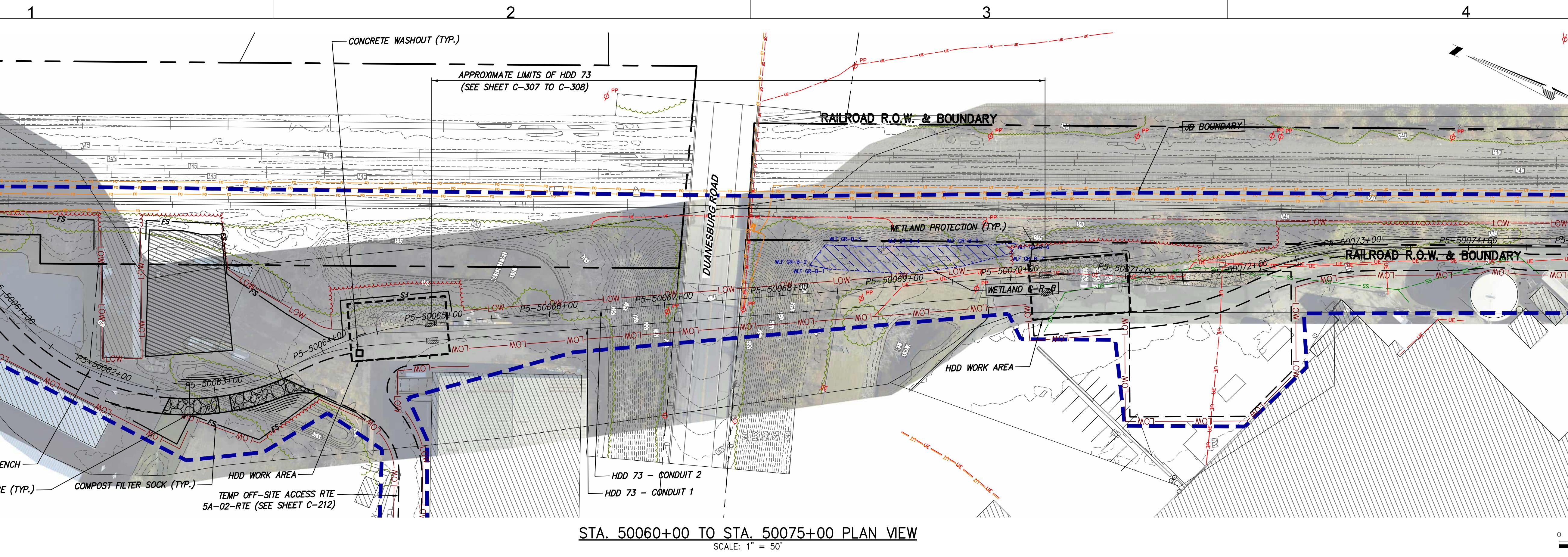
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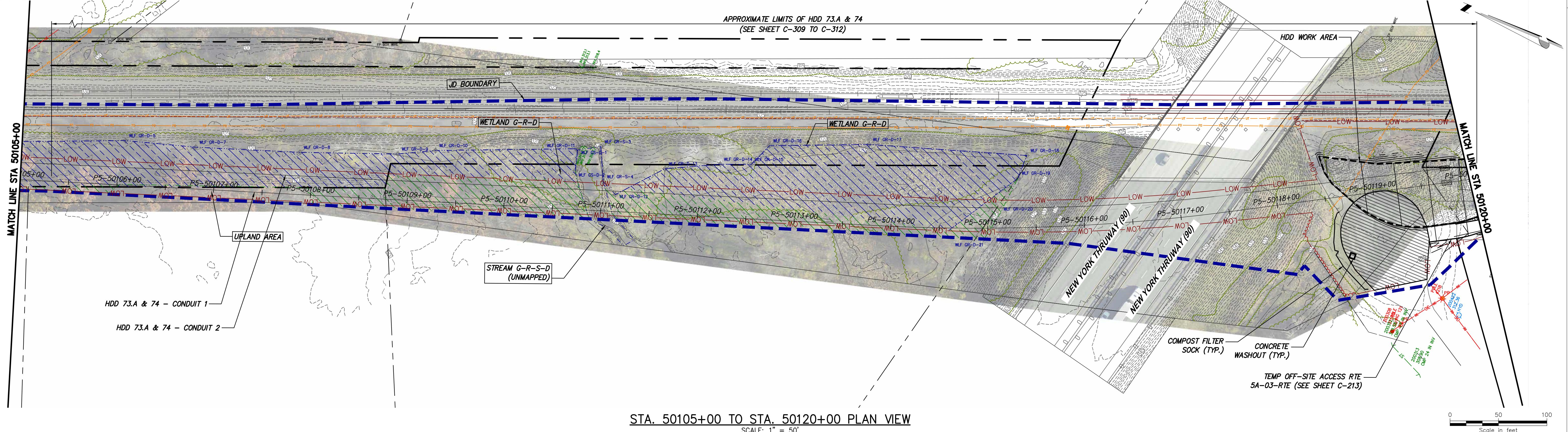
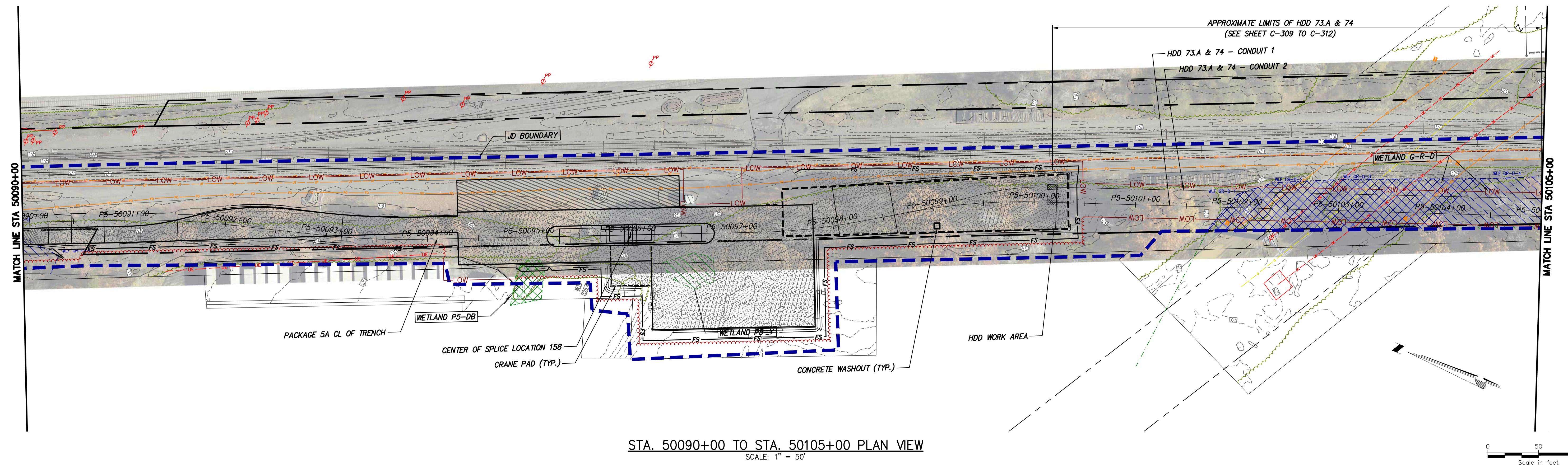


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THEIR SIGNATURE, THE DATE OF SUCH ALTERATION
SPECIFIC DESCRIPTION OF THE ALTERATION

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM
EROSION AND SEDIMENT CONTROL PLAN
STA. 50030+00 TO STA. 50060+00

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The logo for CHPE (Champlain Hudson Power Express) features a stylized blue 'C' enclosed in a circle on the left, followed by the letters 'HPE' in large, bold, blue capital letters.

K Engineering and Land Surveying, P

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM
EROSION AND SEDIMENT CONTROL PLAN
STA 50090±00 TO 50120±00

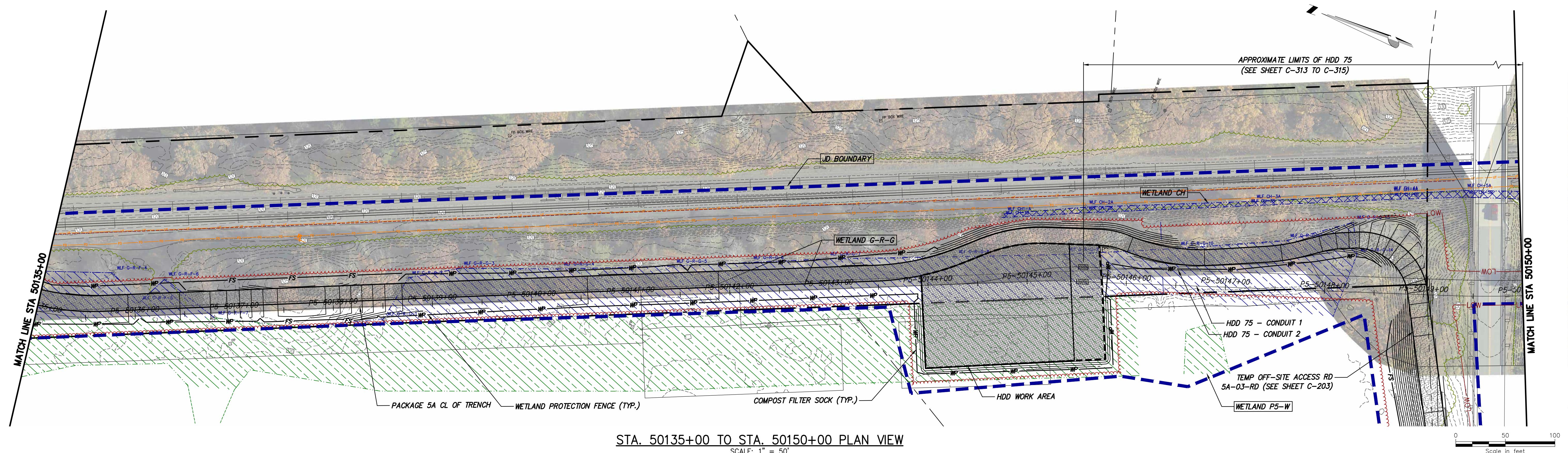
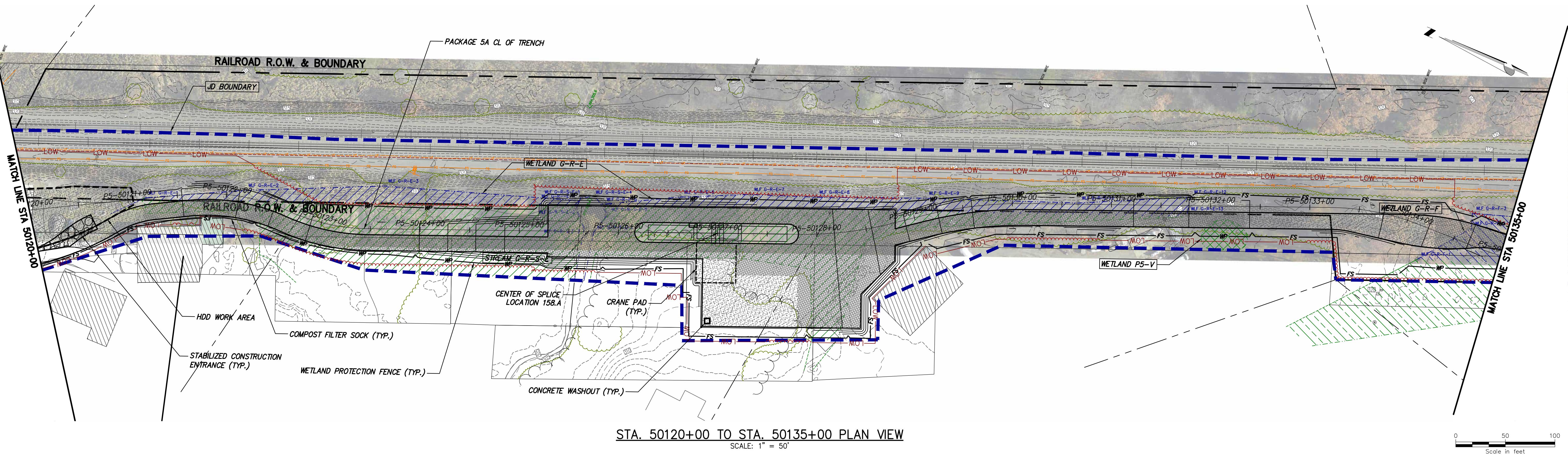
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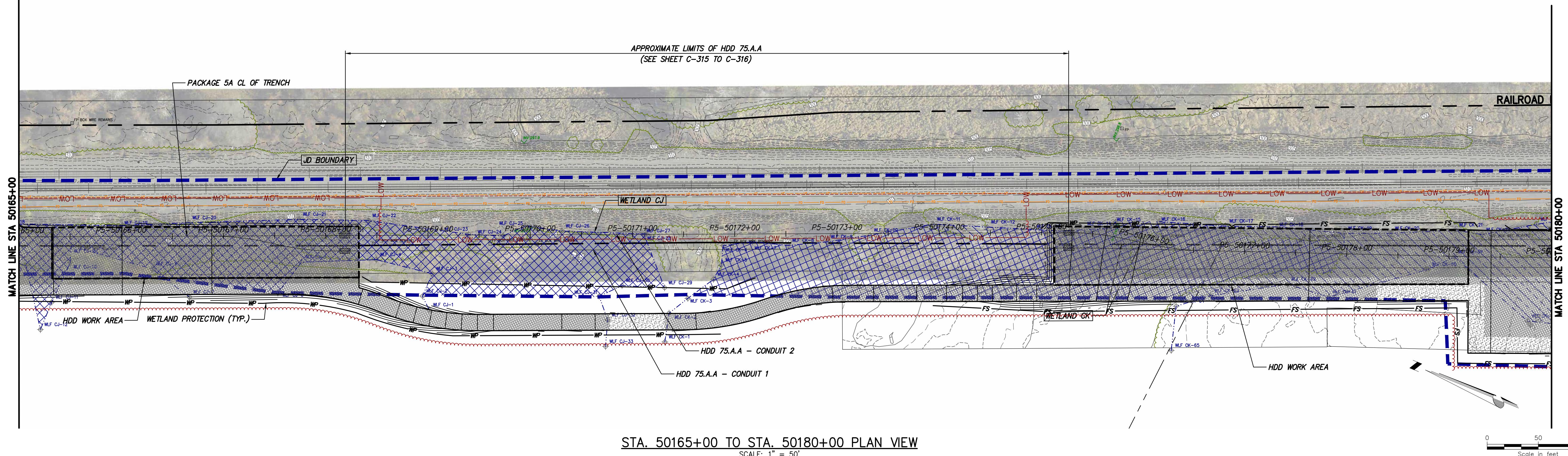
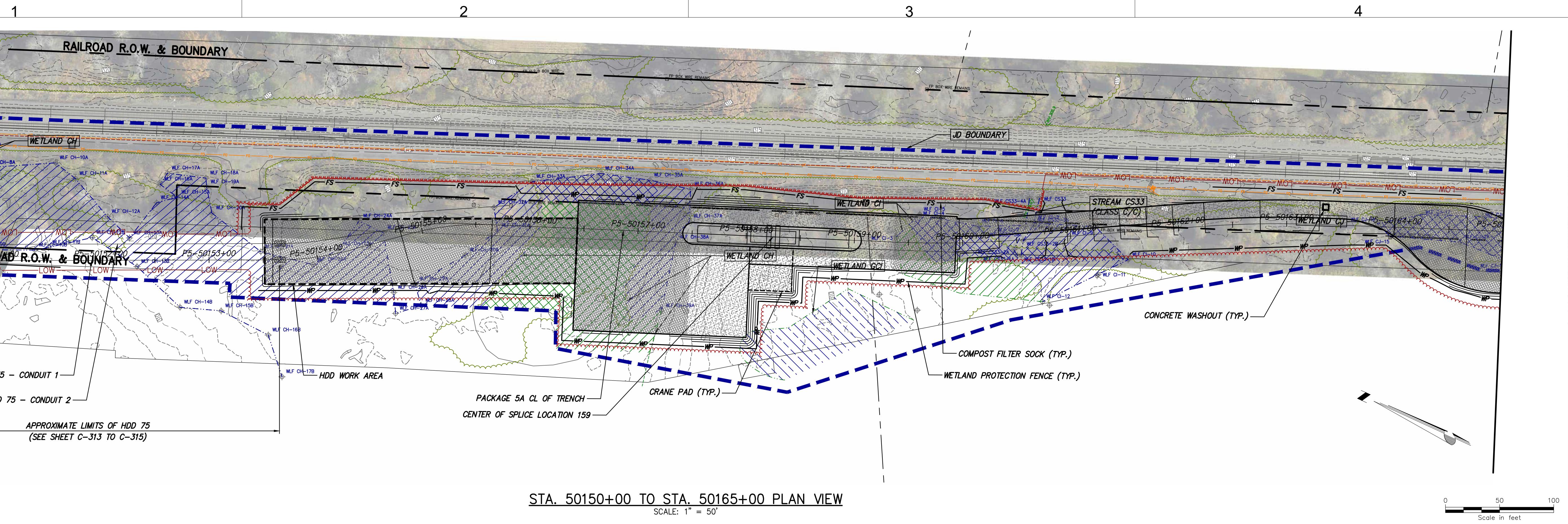
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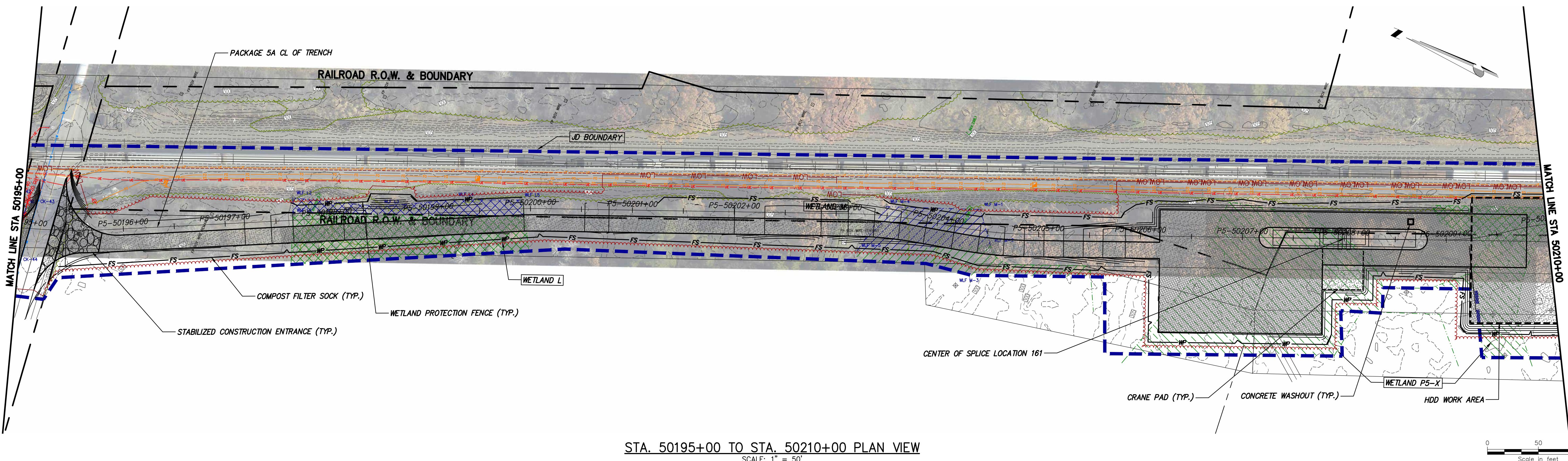
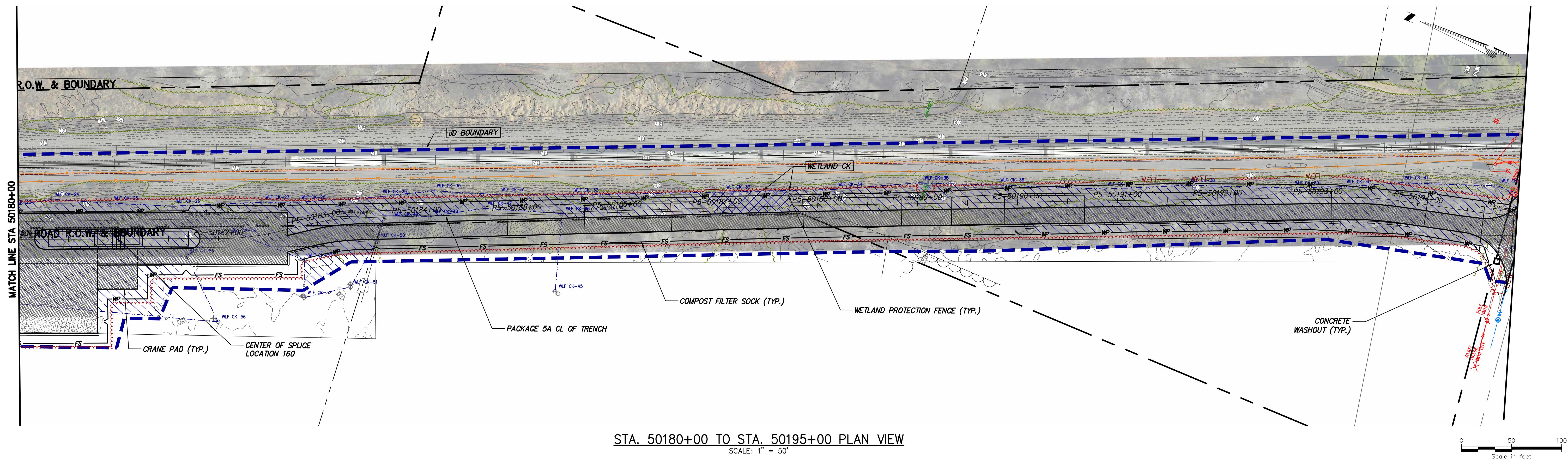
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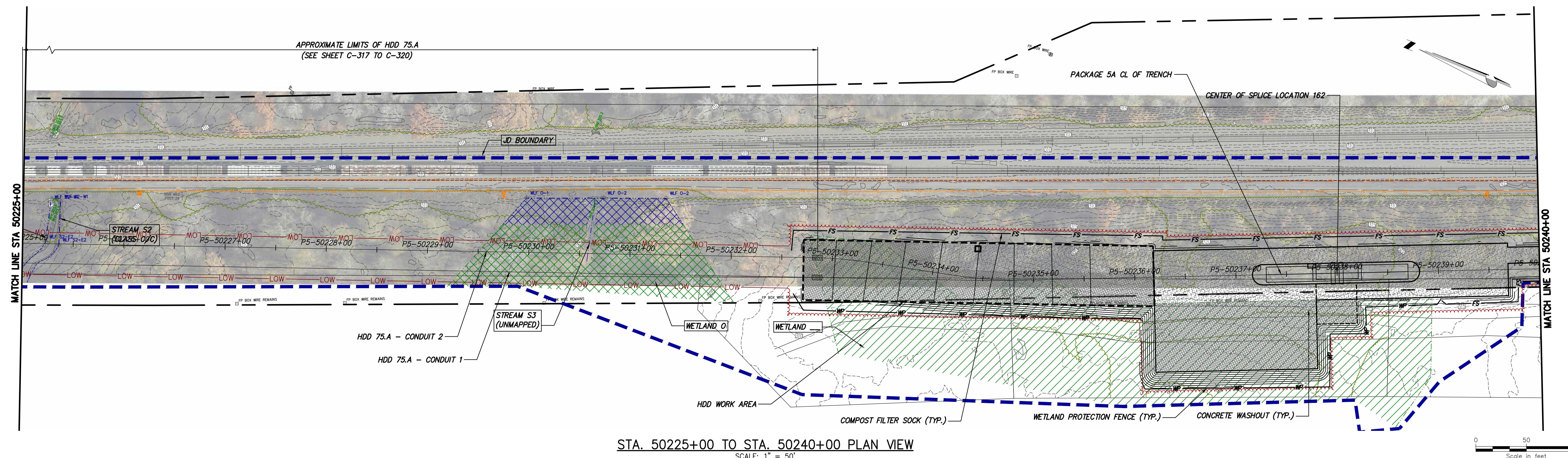
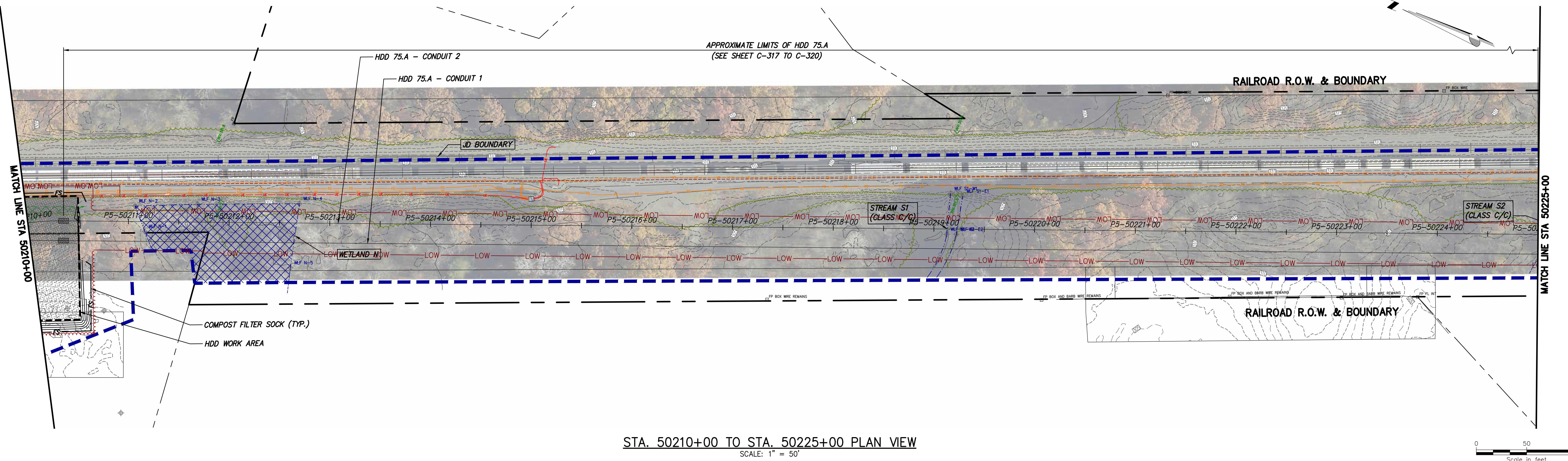




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SEGMENT 8 (PACKAGE 5A) - CSX: ROTTERDAM - BETHLEHEM
EROSION AND SEDIMENT CONTROL PLAN
STA. 50180+00 TO STA. 50210+00**

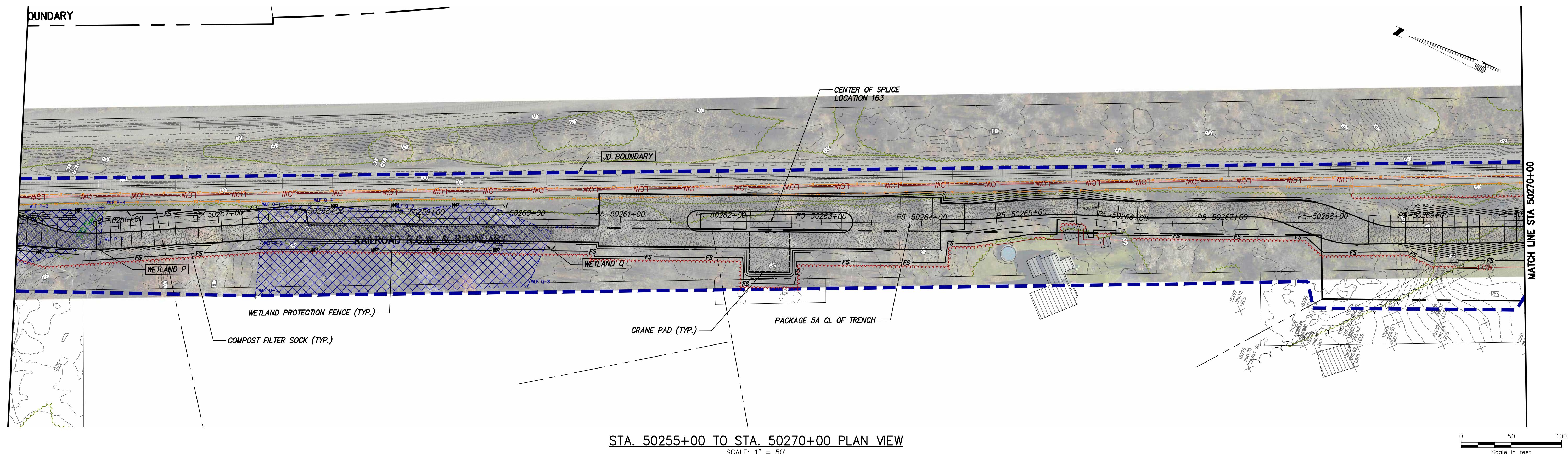
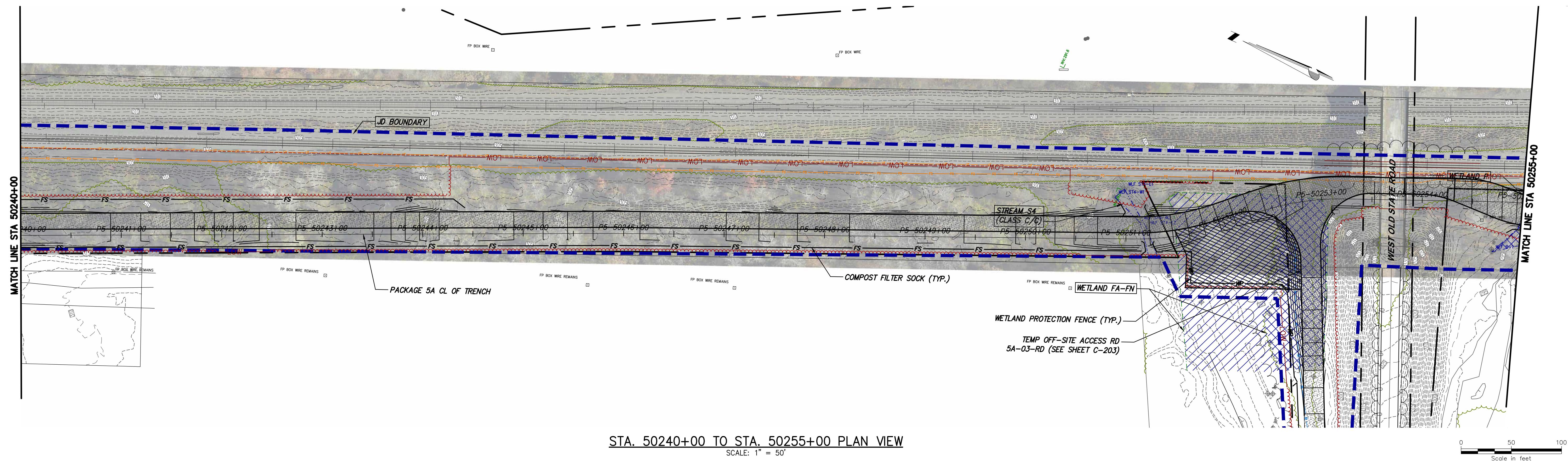
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EROSION AND SEDIMENT CONTROL PLAN
STA. 50210+00 TO STA. 50240+00

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EROSION AND SEDIMENT CONTROL PLAN
STA. 50240+00 TO STA. 50270+00

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