CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 10 (PACKAGE 6) CSX: SELKIRK RAIL YARD BYPASS TO CATSKILL ALBANY & GREENE COUNTY, NEW YORK ISSUED FOR CONSTRUCTION SUBMISSION PLANS









IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					CHANIE	OL A INI LII	ID		۸/۲	DEVD	DECC	K	IEWIT PROJECT NO.
						CHAMPLAIN HUDSON POWER EXPRESS							
					SEGMENT 10 ((PACKAGE 6)	- SE	LKIRK RAIL YA	4RD	BYPASS TO	O CATSKILL		
						COVER SHEET							DRAWING NO.
													G-000
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BV	TK									
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DDAMAL DV	DEGIONED BY	D) /	ADDDOVED DV	T 1.	SCALE			09/29/2023
140.	DAIL	OUDIVITIAL / INLVIOION DESCRIPTION	טט	A1 1	DRAWN BY: AR	DESIGNED BY:	BV	APPROVED BY:	ΙK	REV. NO.	0	SH.NO.	1 OF XXX

	CUEET LIST TADIE
DRAWING	SHEET LIST TABLE
NUMBER	SHEET TITLE
PACKAGE 6	6: GENERAL SHEETS
G-000	COVER SHEET
G-001	SHEET INDEX
G-002	GENERAL NOTES 1 OF 2
G-003	GENERAL NOTES 2 OF 2
G-004 G-005	CSX GENERAL NOTES
G-005	LEGEND AND ABBREVIATIONS PLAN AND PROFILE KEY MAP
G-007	SPLICE, LINK BOX, AND FIBER OPTIC HANDHOLE LOCATION TABLES
G-010	EM&CP TABLES 1 OF 7
G-011	EM&CP TABLES 2 OF 7
G-012	EM&CP TABLES 3 OF 7
G-013	EM&CP TABLES 4 OF 7
G-014	EM&CP TABLES 5 OF 7
G-015	EM&CP TABLES 6 OF 7
G-016	EM&CP TABLES 7 OF 7
G-020	RESTORATION NOTES
	S: PLAN AND PROFILE SHEETS
C-101 C-102	STA. 60000+00.00 TO STA. 60015+00.00 PLAN AND PROFILE STA. 60015+00.00 TO STA. 60030+00.00 PLAN AND PROFILE
C-102	STA. 60030+00.00 TO STA. 60030+00.00 PLAN AND PROFILE STA. 60030+00.00 TO STA. 60045+00.00 PLAN AND PROFILE
C-104	STA. 60045+00.00 TO STA. 60060+00.00 PLAN AND PROFILE
C-105	STA. 60060+00.00 TO STA. 60075+00.00 PLAN AND PROFILE
C-106	STA. 60075+00.00 TO STA. 60090+00.00 PLAN AND PROFILE
C-107	STA. 60090+00.00 TO STA. 60105+00.00 PLAN AND PROFILE
C-108	STA. 60105+00.00 TO STA. 60120+00.00 PLAN AND PROFILE
C-109	STA. 60120+00.00 TO STA. 60135+00.00 PLAN AND PROFILE
C-110	STA. 60135+00.00 TO STA. 60150+00.00 PLAN AND PROFILE
C-111	STA. 60150+00.00 TO STA. 60165+00.00 PLAN AND PROFILE
C-112	STA. 60165+00.00 TO STA. 60180+00.00 PLAN AND PROFILE
C-113 C-114	STA. 60180+00.00 TO STA. 60195+00.00 PLAN AND PROFILE STA. 60195+00.00 TO STA. 60210+00.00 PLAN AND PROFILE
C-114	STA. 60210+00.00 TO STA. 60225+00.00 PLAN AND PROFILE
C-116	STA. 60225+00.00 TO STA. 60240+16.67 PLAN AND PROFILE
C-117	STA. 61240+00.00 TO STA. 61255+00.00 PLAN AND PROFILE
C-118	STA. 61255+00.00 TO STA. 61270+00.00 PLAN AND PROFILE
C-119	STA. 61270+00.00 TO STA. 61285+00.00 PLAN AND PROFILE
C-120	STA. 61285+00.00 TO STA. 61300+00.00 PLAN AND PROFILE
C-121	STA. 61300+00.00 TO STA. 61315+00.00 PLAN AND PROFILE
C-122 C-123	STA. 61315+00.00 TO STA. 61330+00.00 PLAN AND PROFILE STA. 61330+00.00 TO STA. 61345+00.00 PLAN AND PROFILE
C-124	STA. 61345+00.00 TO STA. 61360+00.00 PLAN AND PROFILE
C-125	STA. 61360+00.00 TO STA. 61375+00.00 PLAN AND PROFILE
C-126	STA. 61375+00.00 TO STA. 61390+00.00 PLAN AND PROFILE
C-127	STA. 61390+00.00 TO STA. 61405+00.00 PLAN AND PROFILE
C-128	STA. 61405+00.00 TO STA. 61420+01.37 PLAN AND PROFILE
C-129	STA. 62420+00.00 TO STA. 62435+00.00 PLAN AND PROFILE
C-130	STA. 62435+00.00 TO STA. 62450+00.00 PLAN AND PROFILE
C-131	STA. 62450+00.00 TO STA. 62465+00.00 PLAN AND PROFILE
C-132 C-133	STA. 62465+00.00 TO STA. 62480+00.00 PLAN AND PROFILE
C-134	STA. 62480+00.00 TO STA. 62495+00.00 PLAN AND PROFILE STA. 62495+00.00 TO STA. 62510+00.00 PLAN AND PROFILE
C-135	STA. 62510+00.00 TO STA. 62525+00.00 PLAN AND PROFILE
C-136	STA. 62525+00.00 TO STA. 62540+00.00 PLAN AND PROFILE
C-137	STA. 62540+00.00 TO STA. 62555+00.00 PLAN AND PROFILE
C-138	STA. 62555+00.00 TO STA. 62570+00.00 PLAN AND PROFILE
C-139	STA. 62570+00.00 TO STA. 62585+00.00 PLAN AND PROFILE
C-140	STA. 62585+00.00 TO STA. 62600+00.00 PLAN AND PROFILE
C-141	STA. 62600+00.00 TO STA. 62615+00.00 PLAN AND PROFILE
C-142	STA. 62615+00.00 TO STA. 62630+00.00 PLAN AND PROFILE
C-143	STA. 62630+00.00 TO STA. 62645+00.00 PLAN AND PROFILE
C-144 C-145	STA. 62645+00.00 TO STA. 62660+00.00 PLAN AND PROFILE STA. 62660+00.00 TO STA. 62675+00.00 PLAN AND PROFILE
C-145	STA. 62660+00.00 TO STA. 62675+00.00 PLAN AND PROFILE STA. 62675+00.00 TO STA. 62690+00.00 PLAN AND PROFILE
C-146	STA. 62690+00.00 TO STA. 62705+00.00 PLAN AND PROFILE
C-148	STA. 62705+00.00 TO STA. 62720+00.00 PLAN AND PROFILE
C-149	STA. 62720+00.00 TO STA. 62735+00.00 PLAN AND PROFILE
C-150	STA. 62735+00.00 TO STA. 62750+00.00 PLAN AND PROFILE
C-150A	STA. 62750+00.00 TO STA. 62755+52.48 PLAN AND PROFILE
C-151	STA. 63750+00.00 TO STA. 63765+00.00 PLAN AND PROFILE

DRAWING NUMBER	SHEET TITLE
C-152	STA. 63765+00.00 TO STA. 63780+00.00 PLAN AND PROFILE
C-153 C-154	STA. 63780+00.00 TO STA. 63795+00.00 PLAN AND PROFILE STA. 63795+00.00 TO STA. 63810+00.00 PLAN AND PROFILE
C-155	STA. 63810+00.00 TO STA. 63825+00.00 PLAN AND PROFILE
C-156	STA. 63825+00.00 TO STA. 63840+00.00 PLAN AND PROFILE
C-157	STA. 63840+00.00 TO STA. 63855+00.00 PLAN AND PROFILE
C-158	STA. 63855+00.00 TO STA. 63870+00.00 PLAN AND PROFILE
C-159	STA. 63870+00.00 TO STA. 63885+00.00 PLAN AND PROFILE
C-160	STA. 63885+00.00 TO STA. 63900+00.00 PLAN AND PROFILE
C-161	STA. 63900+00.00 TO STA. 63915+00.00 PLAN AND PROFILE
C-162	STA. 63915+00.00 TO STA. 63930+00.00 PLAN AND PROFILE
C-163	STA. 63930+00.00 TO STA. 63945+00.00 PLAN AND PROFILE
C-164	STA. 63945+00.00 TO STA. 63960+00.00 PLAN AND PROFILE
C-165	STA. 63960+00.00 TO STA. 63975+00.00 PLAN AND PROFILE
C-166	STA. 63975+00.00 TO STA. 63990+00.00 PLAN AND PROFILE
C-167	STA. 63990+00.00 TO STA. 64005+00.00 PLAN AND PROFILE
C-168	STA. 64005+00.00 TO STA. 64020+00.00 PLAN AND PROFILE
C-169	STA. 64020+00.00 TO STA. 64035+00.00 PLAN AND PROFILE
C-170	STA. 64035+00.00 TO STA. 64050+00.00 PLAN AND PROFILE
C-171	STA. 64050+00.00 TO STA. 64065+00.00 PLAN AND PROFILE
C-172	STA. 64065+00.00 TO STA. 64080+00.00 PLAN AND PROFILE
C-173	STA. 64080+00.00 TO STA. 64095+00.00 PLAN AND PROFILE
C-174	STA. 64095+00.00 TO STA. 64110+00.00 PLAN AND PROFILE
C-175	STA. 64110+00.00 TO STA. 64113+08.69 PLAN AND PROFILE
PACKAGE 6	S: ACCESS AND CONSTRUCTION STAGING PLANS
C-201	TEMP OFF-SITE ACCESS ROADS (6-01A-RD & 6-01-RD)
C-202	TEMP OFF-SITE ACCESS ROADS (6-02-RD)
C-203	TEMP OFF-SITE ACCESS ROADS (6-03-RD & 6-04-RD)
C-203 C-204	TEMP OFF-SITE ACCESS ROADS (6-4A-RD & 6-05-RD)
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C-205	TEMP OFF-SITE ACCESS ROADS (6-06-RD)
C-206	TEMP OFF-SITE ACCESS ROADS (6-07-RD)
C-207	TEMP OFF-SITE ACCESS ROADS (6-08-RD)
C-208	TEMP OFF-SITE ACCESS ROADS (6-09-RD)
C-209	TEMP OFF-SITE ACCESS ROADS (6-10-RD & 6-11-RD)
C-210	TEMP OFF-SITE ACCESS ROADS (6-12-RD & 6-13-RD)
C-211	TEMP OFF-SITE ACCESS ROADS (6-16-RD)
C-212	TEMP OFF-SITE ACCESS ROADS (6-17-RD)
C-213	TEMP OFF-SITE ACCESS ROADS (6-17A-RD)
C-214	TEMP OFF-SITE ACCESS ROADS (6-17A-RD)
C-214 C-215	TEMP OFF-SITE ACCESS ROADS (6-17A-RD)
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C-216	TEMP OFF-SITE ACCESS ROADS (6-18-RD)
C-217	TEMP OFF-SITE ACCESS ROADS (6-18-RD)
C-218	TEMP OFF-SITE ACCESS ROADS (6-18-RD)
C-219	TEMP OFF-SITE ACCESS ROADS (6-21A-RD)
C-220	TEMP OFF-SITE ACCESS ROADS (6-22-RD)
C-221	TEMP OFF-SITE ACCESS ROADS (6-22A-RD)
C-222	TEMP OFF-SITE ACCESS ROADS (6-22B-RD)
C-223	TEMP OFF-SITE ACCESS ROADS (6-24-RD & 6-25-RD)
C-224	TEMP OFF-SITE ACCESS ROADS (6-26-RD)
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C-225	TEMP OFF-SITE ACCESS ROADS (6-02-RTE & 6-03-RTE)
C-226	TEMP OFF-SITE ACCESS ROUTES (6-04A-RTE & 6-05-RTE)
C-227	TEMP OFF-SITE ACCESS ROUTES (6-06-RTE)
C-228	TEMP OFF-SITE ACCESS ROUTES (6-07-RTE & 6-08-RTE)
C-229	TEMP OFF-SITE ACCESS ROUTES (6-09-RTE)
C-230	TEMP OFF-SITE ACCESS ROUTES (6-10-RTE)
C-231	TEMP OFF-SITE ACCESS ROUTES (6-12-RTE & 6-14-RTE)
C-232	TEMP OFF-SITE ACCESS ROUTES (6-15-RTE)
	5: HDD TRENCHLESS PLANS
C-301	
C-301 C-301A	PROPOSED PLAN AND PROFILE - HDD 91 CONDUIT 1
	PROPOSED PLAN AND PROFILE - HDD 91 CONDUIT 1
C-302	PROPOSED PLAN AND PROFILE - HDD 91.A CONDUIT 1
C-302A	PROPOSED PLAN AND PROFILE — HDD 91.A CONDUIT 1
C-302B	PROPOSED PLAN AND PROFILE — HDD 91.A CONDUIT 2
C-302C	PROPOSED PLAN AND PROFILE — HDD 91.A CONDUIT 2
C-303	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 1
C-303A	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 1
C-303B	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 1

	SHEET LIST TABLE
DRAWING NUMBER	SHEET TITLE
C-303C	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 2
C-303D	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 2
C-303E	PROPOSED PLAN AND PROFILE - HDD 92 & 92.A CONDUIT 2
C-304	PROPOSED PLAN AND PROFILE - HDD 93 CONDUIT 1
C-304A	PROPOSED PLAN AND PROFILE - HDD 93 CONDUIT 1
C-304B	PROPOSED PLAN AND PROFILE - HDD 93 CONDUIT 2
C-304C	PROPOSED PLAN AND PROFILE - HDD 93 CONDUIT 2
C-305	PROPOSED PLAN AND PROFILE - HDD 93.A CONDUIT 1
C-305A	PROPOSED PLAN AND PROFILE - HDD 93.A CONDUIT 2
C-306	PROPOSED PLAN AND PROFILE - HDD 94 CONDUIT 1
C-306A	
C-300A C-307	PROPOSED PLAN AND PROFILE - HDD 94 CONDUIT 2
C-307A	PROPOSED PLAN AND PROFILE - HDD 95 CONDUIT 1
	PROPOSED PLAN AND PROFILE - HDD 95 CONDUIT 1
C-307B	PROPOSED PLAN AND PROFILE — HDD 95 CONDUIT 2
C-307C	PROPOSED PLAN AND PROFILE — HDD 95 CONDUIT 2
C-308	PROPOSED PLAN AND PROFILE - HDD 96.XX CONDUIT 1
C-308A	PROPOSED PLAN AND PROFILE — HDD 96.XX CONDUIT 1
C-308B	PROPOSED PLAN AND PROFILE — HDD 96.XX CONDUIT 2
C-308C	PROPOSED PLAN AND PROFILE — HDD 96.XX CONDUIT 2
C-309	PROPOSED PLAN AND PROFILE - HDD 96.A & 96.B CONDUIT 1
C-309A	PROPOSED PLAN AND PROFILE - HDD 96.A & 96.B CONDUIT 1
C-309B	PROPOSED PLAN AND PROFILE — HDD 96.A & 96.B CONDUIT 2
C-309C	PROPOSED PLAN AND PROFILE - HDD 96.A & 96.B CONDUIT 2
C-310	PROPOSED PLAN AND PROFILE — HDD 97 CONDUIT 1
C-310A	PROPOSED PLAN AND PROFILE — HDD 97 CONDUIT 2
C-311	PROPOSED PLAN AND PROFILE - HDD 97.A CONDUIT 1
C-311A	PROPOSED PLAN AND PROFILE — HDD 97.A CONDUIT 1
C-311B	PROPOSED PLAN AND PROFILE — HDD 97.A CONDUIT 2
C-311C	PROPOSED PLAN AND PROFILE - HDD 97.A CONDUIT 2
C-312	PROPOSED PLAN AND PROFILE - HDD 98 CONDUIT 1
C-312A	PROPOSED PLAN AND PROFILE - HDD 98 CONDUIT 2
C-313	PROPOSED PLAN AND PROFILE - HDD 99 CONDUIT 1
C-313A	PROPOSED PLAN AND PROFILE - HDD 99 CONDUIT 1
C-313B	PROPOSED PLAN AND PROFILE - HDD 99 CONDUIT 2
C-313C	PROPOSED PLAN AND PROFILE - HDD 99 CONDUIT 2
C-314	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 1
C-314A	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 1
C-314B	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 1
C-314C	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 2
C-314D	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 2
C-314E	PROPOSED PLAN AND PROFILE - HDD 99.A CONDUIT 2
C-315	PROPOSED PLAN AND PROFILE - HDD 101 CONDUIT 1
C-315A	PROPOSED PLAN AND PROFILE — HDD 101 CONDUIT 2
C-316	PROPOSED PLAN AND PROFILE - HDD 101.A CONDUIT 1
C-316A	PROPOSED PLAN AND PROFILE - HDD 101.A CONDUIT 2
C-317	
C-317 C-317A	PROPOSED PLAN AND PROFILE — HDD 102 CONDUIT 1 PROPOSED PLAN AND PROFILE — HDD 102 CONDUIT 1
C-317A C-317B	
C-317B C-317C	PROPOSED PLAN AND PROFILE - HDD 102 CONDUIT 2
	PROPOSED PLAN AND PROFILE - HDD 102 CONDUIT 2
C-318	PROPOSED PLAN AND PROFILE - HDD 103 & 104 CONDUIT 1
C-318A	PROPOSED PLAN AND PROFILE - HDD 103 & 104 CONDUIT 1
C-318B	PROPOSED PLAN AND PROFILE - HDD 103 & 104 CONDUIT 2
C-318C	PROPOSED PLAN AND PROFILE - HDD 103 & 104 CONDUIT 2
C-319	PROPOSED PLAN AND PROFILE — HDD 105 CONDUIT 1
C-319A	PROPOSED PLAN AND PROFILE — HDD 105 CONDUIT 2
C-320	PROPOSED PLAN AND PROFILE — HDD 107.A CONDUIT 1
C-320A	PROPOSED PLAN AND PROFILE — HDD 107.A CONDUIT 2
C-321	PROPOSED PLAN AND PROFILE - HDD 108 CONDUIT 1
C-321A	PROPOSED PLAN AND PROFILE - HDD 108 CONDUIT 1
C-321B	PROPOSED PLAN AND PROFILE — HDD 108 CONDUIT 1
C-321C	PROPOSED PLAN AND PROFILE — HDD 108 CONDUIT 2
C-321D	PROPOSED PLAN AND PROFILE - HDD 108 CONDUIT 2
C-321E	PROPOSED PLAN AND PROFILE - HDD 108 CONDUIT 2
C-322	PROPOSED PLAN AND PROFILE - HDD 109 CONDUIT 1
C-322A	PROPOSED PLAN AND PROFILE - HDD 109 CONDUIT 2
C-323	PROPOSED PLAN AND PROFILE - HDD 110 CONDUIT 1
C-323A	PROPOSED PLAN AND PROFILE - HDD 110 CONDUIT 2
C-324	PROPOSED PLAN AND PROFILE — HDD 111 CONDUIT 1
C-324A	PROPOSED PLAN AND PROFILE - HDD 111 CONDUIT 2
	PROPOSED PLAN AND PROFILE - HDD 111.A CONDUIT 1
C-325	

	SHEET LIST TABLE
DRAWING NUMBER	SHEET TITLE
C-325A	PROPOSED PLAN AND PROFILE - HDD 111.A CONDUIT 1
C-325B	PROPOSED PLAN AND PROFILE - HDD 111.A CONDUIT 2
C-325C	
	PROPOSED PLAN AND PROFILE - HDD 111.A CONDUIT 2
	6: EROSION AND SEDIMENT CONTROL PLANS
C-400	E&CS KEY PLAN
C-401	STA 60000+00 TO STA 60030+00
C-402	STA 60030+00 TO STA 60060+00
C-403	STA 60060+00 TO STA 60090+00
C-404	STA 60090+00 TO STA 60120+00
C-405	STA 60120+00 TO STA 60150+00
C-406	STA 60150+00 TO STA 60180+00
C-407	STA 60180+00 TO STA 60210+00
C-408	STA 60210+00 TO STA 60240+16.67
C-409	STA 61240+00 TO STA 61270+00
C-410	STA 61270+00 TO STA 61300+00
C-411	STA 61300+00 TO STA 61330+00
C-412	STA 61330+00 TO STA 61360+00
C-413	STA 61360+00 TO STA 61390+00
C-414	STA 61390+00 TO STA 61420+01.37
C-415	STA 62420+00 TO STA 62450+00
C-416	STA 62450+00 TO STA 62480+00
C-417	STA 62480+00 TO STA 62510+00
C-418	STA 62510+00 TO STA 62540+00
C-419	STA 62540+00 TO STA 62570+00
C-420	STA 62570+00 TO STA 62600+00
C-421	STA 62600+00 TO STA 62630+00
C-422	STA 62630+00 TO STA 62660+00
C-423	STA 62660+00 TO STA 62690+00
C-424	STA 62690+00 TO STA 62720+00
C-425	STA 62720+00 TO STA 62750+00
C-425A	STA 62750+00 TO STA 62755+52.48
C-426	STA 63750+00 TO STA 63765+00
C-427	STA 63765+00 TO STA 63795+00
C-428	STA 63795+00 TO STA 63825+00
C-429	STA 63825+00 TO STA 63855+00
C-430	STA 63855+00 TO STA 63885+00
C-431	STA 63885+00 TO STA 63915+00
C-432	STA 63915+00 TO STA 63945+00
C-433	STA 63945+00 TO STA 63975+00
C-434	STA 63975+00 TO STA 64005+00
C-435	STA 64005+00 TO STA 64035+00
C-436	STA 64035+00 TO STA 64065+00
C-437	STA 64065+00 TO STA 64095+00
C-438	STA 64095+00 TO STA 64113+08.69
PACKAGE (6: MAINTENANCE AND PROTECTION OF TRAFFIC PLANS
C-501	WORK ZONE TRAFFIC CONTROL NOTES, LEGEND AND ABBREVIATIONS
C-502	WORK ZONE TRAFFIC CONTROL
C-503	WORK ZONE TRAFFIC CONTROL
C-504	WORK ZONE TRAFFIC CONTROL
C-505	WORK ZONE TRAFFIC CONTROL LAFARGE PRIVATE DRIVE (NORTH) LANE CLOSURE PLAN
0.555	WORK ZONE TRAFFIC CONTROL LAFARGE PRIVATE DRIVE (SOUTH) LANE
C-506	CLOSURE PLAN
C-507	WORK ZONE TRAFFIC CONTROL RAILROAD AVENUE DETOUR
C-508	WORK ZONE TRAFFIC CONTROL BAILEY STREET/SUNSET BOULEVARD DETOL
C-510	WORK ZONE TRAFFIC CONTROL LEEDS ATHENS ROAD DETOUR
	6: DETAILS
C-601	EROSION AND SEDIMENT CONTROL DETAILS
C-602	EROSION AND SEDIMENT CONTROL DETAILS EROSION AND SEDIMENT CONTROL DETAILS
C-603	EROSION AND SEDIMENT CONTROL DETAILS
C-604	EROSION AND SEDIMENT CONTROL DETAILS
C-605	EROSION AND SEDIMENT CONTROL DETAILS
C-611	WETLAND CROSSING DETAILS
C-612	WATERBAR DETAILS
C-613	WETLAND WORKING SURFACE DETAILS
C-614	TYPICAL TEMPORARY SHORING DETAILS
C-621	TRENCHING DETAILS
	CSX CROSSING DETAILS 1 OF 2
C-625	•

	SHEET LIST TABLE
DRAWING NUMBER	SHEET TITLE
C-627	CSX SECURITY GATE DETAIL
C-631	SURFACE RESTORATION DETAILS
PACKAGE 6	6: DETAILS-STRUCTURAL
S-700	SPLICE VAULT PLAN AND ELEVATION
S-701	SPLICE VAULT SECTION AND DETAILS
S-702	SPLICE VAULT ANCHOR AND EMBED DETAILS
S-703	SPLICE VAULT DETAILS
S-705	STRUCTURAL GENERAL NOTES AND ABBREVIATIONS
S-711	FRP LINK BOX HANDHOLES
S-771	FRP COMMUNICATION HANDHOLES
PACKAGE	6: DETAILS-ELECTRICAL
C-801	ABOVE GROUND MARKING DETAILS
C-807	SPLICE VAULT AND CABLE MARKING DETAILS
C-808	TYPICAL OPEN PIT SPLICE SNAKING DETAILS
C-809	OPEN PIT SPLICE GROUNDING DETAILS
PACKAGE	6: DETAILS-COMMUNICATIONS
C-853	OPEN SPLICE W/ FIBER OPTIC HAND HOLE
C-854	FIBER OPTIC HAND HOLE DETAILS
C-855	FIBER OPTIC SPLICE DIAGRAM
PACKAGE	6: DETAILS-UTILITIES
C-901	UTILITY TYPICAL SEPARATION DETAILS
C-902	PACKAGE SPECIFIC CI OWNER'S REQUIREMENTS







IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS SHEET INDEX
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BV	TK	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY: AR DESIGNED BY: BV APPROVED BY: TK REV. NO.

CHAMPLAIN HUDSON POWER EXPRESS EGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL SHEET INDEX

KIEWIT PROJECT NO. 21162

G-001

DRAWING NO.

AS SHOWN DATE 0 SH.NO. 2 OF XXX

2. THE ENGINEER SHALL BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK SHALL NOT VARY FROM THE PLANS WITHOUT THE EXPRESSED APPROVAL OF THE ENGINEER. CHANGES TO THE PLAN SHALL BE DONE IN ACCORDANCE WITH THE EM&CP SECTION 3.2.6.

- 3. THE CONTRACTOR SHALL RESTORE LAWNS, DRIVEWAYS, CULVERTS, SIGNS AND OTHER PUBLIC OR PRIVATE PROPERTY DAMAGED OR REMOVED TO AT LEAST AS GOOD A CONDITION AS BEFORE BEING DISTURBED AS DETERMINED BY THE ENGINEER.
- 4. THE CONTRACTOR AND/OR CERTIFICATE HOLDER SHALL BE RESPONSIBLE FOR OBTAINING AND INCURRING THE COST OF ALL CONSTRUCTION PERMITS, INSPECTIONS, CERTIFICATES, ETC. AND SHALL COMPLY WITH ALL REQUIRED PERMITS.
- 5. ALL WORK SHALL BE DONE IN STRICT COMPLIANCE WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES, STANDARDS, ORDINANCES, RULES, AND REGULATIONS.
- 6. ALL PROPOSED UTILITIES AND APPURTENANCES TO BE CONSTRUCTED IN COMPLIANCE WITH THE LOCAL MUNICIPALITIES' CODES AND REGULATIONS GOVERNING THE INSTALLATION OF SUCH UTILITIES.
- 7. THE ENGINEER RESERVES THE RIGHT TO EXAMINE ANY WORK DONE ON THIS PROJECT AT ANY TIME TO DETERMINE THE CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OF THIS PROJECT.
- 8. THE CONTRACTOR SHALL PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER. SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED LAND SURVEYOR.
- 9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE ALL PLAN SHEETS.
- 10. THE CONTRACTOR SHALL:
 - A. VERIFY ALL CONDITIONS IN THE FIELD PRIOR TO COMMENCEMENT OF WORK AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES. B. EXAMINE THE SITE AND INCLUDE IN HIS WORK THE EFFECT OF ALL EXISTING CONDITIONS ON THE WORK.

C. PROVIDE AND INSTALL ALL MATERIALS AND PERFORM ALL WORK IN ACCORDANCE WITH RECOGNIZED GOOD STANDARD PRACTICE.

- 11. ALL TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING SHALL BE DONE IN ACCORDANCE WITH THE LATEST REVISIONS OF NEW YORK STATE INDUSTRIAL CODE RULE 23 AND OSHA REGULATIONS FOR CONSTRUCTION. SHEET PILING SHALL BE DESIGNED AND SEALED BY A NEW YORK STATE PROFESSIONAL ENGINEER. WHERE WITHIN RAIL ROAD ROW, ANY EXCAVATION AND SHORING SHALL BE DESIGNED TO MINIMUM CSX AND AREMA REQUIREMENTS.
- 12. CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING AND THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK IN CONFORMANCE WITH REFERENCE SECTION 4.4.6 DEWATERING METHODS IN THE EM&CP. CONTRACTOR SHALL MAINTAIN EXISTING SITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION UNLESS OTHERWISE SHOWN ON THE PLANS.
- 13. MAINTAIN FLOW FOR ALL EXISTING UTILITIES.
- 14. ALL FRAMES/COVERS WITHIN PAVED AREAS SHALL HAVE THE TOPS SET FLUSH WITH THE EXISTING PAVEMENT GRADE. IN LANDSCAPED AREAS, ALL FRAMES SHALL BE 0.1' ABOVE GRADE.
- 15. TEMPORARY PAVEMENT SHALL BE PLACED WITHIN 48 HOURS OF COMPLETION OF BACKFILL OPERATIONS WITHIN THE EXISTING PAVEMENT LIMITS.
- 16. CONTRACTOR SHALL MAINTAIN ALL TRAFFIC IN ALL AREAS IN ACCORDANCE WITH THE NYSDOT MANUAL OF UNIFORM TRAFFIC CONTROL
- 17. ALL EXCAVATIONS SHALL BE PROTECTED AT THE END OF EACH WORK DAY PER OSHA AND NYSDOT REQUIREMENTS.
- 18. WITHIN NYSDOT ROW AND TOWN/COUNTY ROADS, ALL OPEN EXCAVATIONS TO BE PROTECTED BY CONCRETE BARRIERS OR BE COVERED BY A STEEL PLATE, 3/4" THICK MINIMUM. A SINGLE PLATE SHOULD COVER THE ENTIRE EXCAVATION AND HAVE ENOUGH BEARING ON SURROUNDING SURFACES TO SUPPORT A VEHICLE.
- 19. CONTRACTOR SHALL TAKE CARE TO PREVENT DAMAGE TO EXISTING UTILITIES. UTILITIES DAMAGED BY CONTRACTOR SHALL BE IMMEDIATELY REPAIRED BY CONTRACTOR AT THE CONTRACTOR'S EXPENSE. IF DURING EXCAVATION PREVIOUSLY DAMAGED UTILITIES ARE UNCOVERED. CONTRACTOR SHALL DOCUMENT THE DAMAGE AND REPORT DAMAGE TO THE APPROPRIATE OWNER.
- 20. DEPTH OF BURY FOR EXISTING CABLED UTILITIES FIBER / ELECTRICAL / TELECOM AND WATERLINES UNKNOWN. ASSUMED DEPTH OF BURY FOR CABLED UTILITIES IS 30" UNLESS OTHERWISE SHOWN. ASSUMED DEPTH OF BURY FOR WATERLINES IS 5' UNLESS OTHERWISE SHOWN.
- 21. CONTRACTOR TO COORDINATE ALL DRIVEWAY CROSSINGS WITH THE PROPERTY OWNERS PRIOR TO EXCAVATING. ACCESS TO ALL DRIVEWAYS FOR THE RESIDENTS AND COMMERCIAL PROSPERITIES, WILL NEED TO BE MAINTAINED DURING THE PROJECT. ALL EXCAVATIONS IN THE ENTRANCES/DRIVEWAYS WILL NEED TO BE BACKFILLED AT THE END OF EACH WORKDAY. OR STEEL PLATES SHALL BE INSTALLED TO ALLOW ACCESS DURING CONSTRUCTION. REFER TO THE EM&CP FOR EMERGENCY ACCESS MANAGEMENT PLAN.
- 22. ALL WORK WITHIN AGRICULTURAL LANDS WILL BE PERFORMED IN COMPLIANCE WITH APPLICABLE NEW YORK STATE DEPARTMENT OF AGRICULTURE AND MARKETS (NYSDAM) GUIDANCE INCLUDING "NYSDAM GUIDELINES FOR CONSTRUCTION MITIGATIONS FOR AGRICULTURAL LANDS IN AGRICULTURAL AREAS". RESTORATION WORK WILL FOLLOW APPLICABLE SECTIONS OF NYSDAM GUIDANCE "FERTILIZING LIME. AND SEEDING RECOMMENDATIONS FOR RESTORATION OF CONSTRUCTION PROJECTS ON FARMLAND IN NYS".
- 23. WORKING IN WETLANDS: IN GENERAL, STOCKPILING IN WETLANDS AND GRADING WETLAND SOILS FOR ANY ROADS, WORK AREAS, OR PADS IS PROHIBITED. IN ORDER TO ACHIEVE DESIGN GRADES FOR CONSTRUCTION OPERATIONS, EITHER 1) TIMBER MATTING WILL BE LAYERED (STACKED), OR 2) TOPSOIL WILL BE STRIPPED AND STOCKPILED OUTSIDE OF WETLAND AREAS, GEOTEXTILE FABRIC WILL BE PLACED UNDER FILL PER EM&CP REQUIREMENTS AND APPROVED DETAILS. THE CONTOURS SHOWN WITHIN WETLAND AREAS IN THESE PLANS DEPICT THE DIFFERENCE BETWEEN EXISTING AND PROPOSED ELEVATIONS AND ARE NOT INTENDED TO REPRESENT STOCKPILING IN WETLANDS OR GRADING EXISTING WETLAND SOILS. FOR SPECIFIC REQUIREMENTS FOR WORKING IN WETLAND AREAS INCLUDING REQUIREMENTS FOR EXCAVATION AND STOCKPILING, REFER TO EM&CP SECTION 4.4.3 AND 9.1.2.
- 24. AS CONSTRUCTION, OPERATIONAL, AND SAFETY REQUIREMENTS ALLOW; THE CONTRACTOR HAS THE OPTION TO REDUCE IMPACTS (INCLUDING WITHIN WETLAND AREAS) BY 1) REDUCING THE AREA OF TIMBER MATTING, WORK AREAS, OR ACCESS ROADS DEPICTED IN THESE PLANS, AND 2) INCREASING THE LONGITUDINAL AND TRANSVERSE SLOPES OF ROADS AND WORK AREAS.
- 25. SERVICE CONNECTIONS TO BE FIELD LOCATED PRIOR TO CONSTRUCTION.
- 26. FENCES IMPACTED BY CONSTRUCTION WILL BE REPLACED IN KIND. IF A DIFFERENT AGREEMENT IS REACHED WITH THE FENCE OWNER, DPS WILL BE INFORMED.

EROSION CONTROL NOTES:

- 1. SEE C-400 SERIES OF SHEETS FOR EROSION AND SEDIMENT CONTROL SHEETS.
- 2. LAND DISTURBING ACTIVITIES SHALL NOT COMMENCE UNTIL APPROVAL TO DO SO HAS BEEN RECEIVED BY GOVERNING AUTHORITIES.
- 3. THE GENERAL CONTRACTOR SHALL STRICTLY ADHERE TO THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND THE EM&CP DOCUMENTS DURING CONSTRUCTION OPERATIONS.
- 4. NO LAND CLEARING OR GRADING SHALL BEGIN UNTIL ALL PERIMETER EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED. (WETLAND PROTECTION FENCE, SILT FENCE, COMPOST FILTER SOCK, AND STABILIZED CONSTRUCTION ENTRANCE)
- 5. SITE DISTURBANCE SHALL NOT EXCEED FIVE (5) ACRES OF SOIL AT ANY ONE TIME WITHOUT PRIOR WRITTEN AUTHORIZATION FROM NYSDEC DIVISION OF WATER.
- 6. ALL EXPOSED AREAS SHALL BE SEEDED AND MULCHED AS SPECIFIED WITHIN 14 DAYS OF FINAL GRADING. "IN AREAS WHERE SOIL DISTURBANCE ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED, THE APPLICATION OF SOIL STABILIZATION MEASURES MUST BE INITIATED BY THE END OF THE NEXT BUSINESS DAY AND COMPLETED WITHIN FOURTEEN (14) DAYS FROM THE DATE THE CURRENT SOIL DISTURBANCE ACTIVITY CEASED."
- 7. INACTIVE PORTIONS OF THE SITE ARE TO BE SEEDED AND MULCHED AS SPECIFIED WITHIN 14 DAYS. "FOR DISTURBED WETLAND AND SENSITIVE AREAS, AREA TO BE RESTORED IN ACCORDANCE WITH THE EM&CP".
- 8. AREAS TO BE SEEDED MUST BE FREE OF LARGE ROCKS AND DEBRIS, AND SEEDED WITHIN 24 HOURS OF DISTURBANCE, OR SCARIFICATION OF THE SOIL SURFACE WILL BE NECESSARY PRIOR TO SEEDING.
- 9. MULCH SHALL BE APPLIED IN CONJUNCTION WITH SEEDING AND APPLIED AT THE RATE OF 90 LBS PER 1000 SQUARE FEET. MULCH SHALL BE REAPPLIED AS NECESSARY.
- 10. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EVERY SEVEN (7) DAYS OR MORE FREQUENTLY IF REQUIRED. ALL MAINTENANCE REQUIRED BY INSPECTION SHALL COMMENCE WITHIN 24 HOURS AND BE COMPLETED WITHIN 48 HOURS OF
- 11. THIS PLAN SHALL NOT BE CONSIDERED ALL INCLUSIVE AS THE GENERAL CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT SOIL SEDIMENT FROM LEAVING THE SITE.
- 12. CONSTRUCTION ROAD STABILIZATION SHALL FOLLOW THE NEW YORK STATE STANDARDS FOR EROSION AND SEDIMENT CONTROL ("BLUE BOOK"), PAGE 2.23. CONSTRUCTION ROADS SHALL BE LOCATED TO REDUCE EROSION POTENTIAL, MINIMIZE IMPACT ON EXISTING SITE RESOURCES, AND MAINTAIN OPERATIONS IN A SAFE MANNER.
- 13. GENERAL CONTRACTOR SHALL COMPLY WITH ALL STATE AND LOCAL ORDINANCES THAT APPLY.
- 14. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY FOLLOWING SITE INSPECTION. THE SWPPP AND/OR ENVIRONMENTAL INSPECTOR HAS THE AUTHORITY TO REQUIRE ADDITIONAL EROSION CONTROL MEASURES IF THE INSPECTOR DEEMS NECESSARY.
- 15. GENERAL CONTRACTOR SHALL BE RESPONSIBLE TO TAKE WHATEVER MEANS NECESSARY TO ESTABLISH PERMANENT SOIL STABILIZATION.
- 16. AT THE END OF EACH WORK DAY DISTURBED SOILS ARE TO BE REGRADED TO DRAIN INTO THE TEMPORARY DIVERSION SWALES AND DISCHARGES FROM DEWATERING ACTIVITIES ARE TO BE DIRECTED TO A VEGETATED AREA. WATER WILL BE PUMPED FROM DEWATERING OPERATIONS INTO PORTABLE SEDIMENT TANKS OR COMMERCIAL SEDIMENT FILTER BAGS TO SETTLE SUSPENDED SILT MATERIAL PRIOR TO DISCHARGE. DIRECT DISCHARGE OF SEDIMENT LADEN WATER TO STATE AND/OR FEDERALLY REGULATED STREAMS AND STORMWATER SYSTEMS WILL BE AVOIDED.
- 17. ONCE THE CONSTRUCTION ACTIVITIES ARE COMPLETE, ALL DISTURBED VEGETATED AREAS SHALL BE TOPSOILED, SEEDED, AND STABILIZED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY, EROSION CONTROL DEVICES WILL REMAIN IN PLACE UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED. SOIL STABILIZATION MEASURES SHALL CONFORM WITH THE MOST CURRENT VERSION OF THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL ("BLUE BOOK"). PERMANENT SEED MIX WILL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
- 18. CONCRETE WASHOUTS DEPICTED ON PLANS ARE FOR REFERENCE ONLY. CONTRACTOR TO FIELD LOCATE WASHOUTS AS NECESSARY. FIELD LOCATED WASHOUTS SHALL BE LOCATED CONSTRUCTED IN ACCORDANCE WITH THE EM&CP AND SHALL BE A MINIMUM OF 100' FROM ADJACENT WETLANDS AND 200' FROM ANY EXISTING WELLS.
- 19. FOR SITES WHERE CONSTRUCTION ACTIVITIES TEMPORARILY CEASE IN THE WINTER, TEMPORARY AND PERMANENT SOIL STABILIZATION MEASURES WILL BE INSTALLED WITHIN 7 DAYS FROM THE DATE THE SOIL DISTURBING ACTIVITY CEASED. IF THE GROUND IS COVERED BY SIGNIFICANT AMOUNTS OF SNOW, WINTER RYE SHOULD BE USED FOR STABILIZATION (90-LBS PER ACRE).
- 20. MEASURES USED FOR DUST CONTROL SHALL FOLLOW THE NEW YORK STATE STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL ("BLUE BOOK") FOR DUST CONTROL, PAGE 2.25. ONLY PLAIN WATER WILL BE USED FOR DUST SUPPRESSION.

HDD PLAN & PROFILE NOTES:

- 1. UNLESS NOTED OTHERWISE ON C-300 SERIES HDD PLAN AND PROFILES, EACH SITE INCLUDES TWO HDD BORES. BOTH BORES INCLUDE A 10" DIAMETER HDPE OR 8" FPVC CONDUIT FOR A HVDC ELECTRICAL TRANSMISSION CABLE. ONE OF THE BORES WILL ALSO INCLUDE A 3" CONDUIT BUNDLED IN THE PULLBACK BUNDLE FOR A TELECOMMUNICATION LINE.
- 2. MINIMUM HORIZONTAL SPACING BETWEEN CONDUIT 1 AND CONDUIT 2 SHALL BE MAINTAINED AT THE DESIGN LOCATION AND WITHIN SPECIFIED TOLERANCE AS DETERMINED BY ELECTRICAL ENGINEERING ON BEHALF OF THE OWNERS. IN CONSTRUCTION, THE HORIZONTAL SPACING SHALL BE CONTROLLED AND MAINTAINED SUCH THAT THE AS-BUILT SPACING SHALL NEVER BE CLOSER THAN THE SPECIFIED HORIZONTAL SPACING PRESENTED ON THE INDIVIDUAL HDD SHEET.
- 3. MAXIMUM VERTICAL DEPTH OF CONDUIT 1 AND CONDUIT 2 SHALL BE MAINTAINED AT THE DESIGN LOCATION AND WITHIN SPECIFIED TOLERANCE AS DETERMINED BY ELECTRICAL ENGINEERING ON BEHALF OF THE OWNERS.
- 4. HDD CONTRACTOR SHALL COORDINATE WITH OVERHEAD ELECTRIC OWNER/OPERATOR TO HAVE TEMPORARY PROTECTIVE SLEEVES INSTALLED ON OVERHEAD POWER LINES THAT CROSS THE ACCESS OR WORKING AREA OF THE WORK SITE.
- 5. SPT N-VALUES SHOWN ON THE C-300 SERIES DRAWINGS ARE NOT CORRECTED FOR SAMPLER SIZE OR HAMMER ENERGY. REFERENCE BORING LOGS AND GEOTECHNICAL REPORTS FOR ADDITIONAL INFORMATION.
- 6. HDD ENTRY PITS ARE SUBJECT TO RELOCATION WITHIN 5-FEET OF DESIGNED ENTRY POINT ON PLANS AND REMAIN WITHIN THE CONFINES OF THE SPECIFIED HDD WORK AREA.
- 7. HDD EXIT PITS ARE SUBJECT TO RELOCATION WITHIN 10-FEET OF DESIGNED EXIT POINT ON PLANS AND REMAIN WITHIN THE CONFINES OF THE SPECIFIED HDD WORK AREA.
- 8. HDD CONDUIT PIPE ASSEMBLY AND PULLBACK DIRECTION ARE SUBJECT TO CHANGE.
- 9. ALL BURIED UTILITY DEPTHS ARE APPROXIMATE. PRIOR TO ANY HDD CONSTRUCTION, EXCAVATION, EXPLORATORY BORING, OR UTILITY LOCATE EXCAVATION, CONTRACTOR MUST CONTACT 811, OBTAIN A PERMIT, MAINTAIN THE PERMIT CURRENT UNTIL CONTRACTOR WORK TASK HAS BEEN COMPLETED AND ABIDE BY ALL STATE EXCAVATION REQUIREMENTS. REPORT ALL CONFLICTING UTILITIES THAT REQUIRE MODIFICATION TO THE HDD DESIGN TO THE ENGINEER WITHIN 12 HOURS OF THE DISCOVERY.
- 10. THE MINIMUM SEPARATION DISTANCE FROM THE CLOSEST PROXIMITY OF ANY EXISTING SUBSURFACE UTILITY SHALL NOT BE LESS THAN 120 INCHES AS MEASURED FROM THE OUTSIDE EDGE OF THE UTILITY TO THE OUTSIDE EDGE OF THE FULLY CONSTRUCTED HDD BORE PATH UNLESS GREATER SEPARATION IS SHOWN ON THE C-300 SERIES DRAWINGS.
- 11. ALL COORDINATES REFERENCE NEW YORK STATE PLANE FOR THE APPROPRIATE ZONE AND ELEVATIONS REFERENCE NAD83. MEASUREMENTS ARE IN FEET.
- 12. SITE BOUNDRIES, ENVIRONMENTAL BARRIER LOCATION, AND ENTRY & EXIT LOCATIONS SHALL BE STAKED FOR THE HDD DRILLING TEAM TO REFERENCE DURING CONSTRUCTION.
- 13. HDD CONTRACTOR SHALL PROVIDE AN AS-BUILT PLAN AND PROFILE OF THE PILOT BORE PATH INDICATING COMPLIANCE WITH PROJECT SPECIFICATIONS AND FOR APPROVAL PRIOR TO INITIATING REAMING OPERATIONS. PROVIDE ACTUAL ENTRY & EXIT COORDINATES AND ELEVATIONS ON THE AS-BUILT PLAN.
- 14. HDD CONTRACTOR TO PLACE A MECHANICAL TEMPORARY CAP ON EACH END OF THE INSTALLED CONDUITS THAT WILL BE SUFFICIENT TO PROTECT THE INSTALLATION FROM DAMAGE OR INTRUSION OF WATER OR OTHER DETRITAL MATERIAL INTO THE CONDUITS. DUCT TAPE OR PLASTIC BAGS ARE NOT ACCEPTABLE AS A MECHANICAL TEMPORARY CAP.
- 15. THE TELECOMMUNICATIONS CONDUIT/CASING SHALL BE BUNDLED WITH THE CONDUIT INTENDED TO CARRY THE NEGATIVE CONDUCTOR. THE HDD CONTRACTOR SHALL BORE AND PULL BACK THE NEGATIVE CONDUIT AND BUNDLE PRIOR TO THE POSITIVE CONDUIT. IF THE COMMUNICATIONS CONDUIT FAILS OR IS OTHERWISE COMPROMISED IN PULL BACK, HDD CONTRACTOR SHALL NOTIFY THE ELECTRICAL ENGINEER TO FACILITATE APPROVALS AND SUBSEQUENT RECOMMENDATIONS REGARDING REROUTE OF THE COMMUNICATION CONDUIT/CASING AND THE AS-BUILT REQUIREMENTS NEEDED. THE TELECOMMUNICATIONS CONDUIT MAY THEN BE BUNDLED WITH THE POSITIVE CONDUCTOR CONDUIT FOR THE SECOND PULLBACK.

DISTURBANCE NOTES:

- 1. THE PROPOSED DISTURBANCE FOR THE TRENCH WILL BE LIMITED TO THE WIDTH OF THE TRENCH SECTIONS DEPICTED ON C-621 INCLUDING THE OPTION TO BENCH OR SLOPE TRENCH WHERE SPACE IS AVAILABLE AND TRENCH IS NOT LOCATED IN A ROADWAY OR IN PAVEMENT.
- 2. TEMPORARY ACCESS AND WORK AREAS DEPICTED IN THESE PLANS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CHARACTER TO THE EXTENT PRACTICABLE, UNLESS DOING SO WOULD INTERFERE WITH THE SAFE OR RELIABLE OPERATION AND MAINTENANCE OF THE PROJECT. RESTORATION ACTIVITIES MAY VARY WITH THE SPECIFIC AREA TO BE RESTORED BUT WILL CONSIST PREDOMINANTLY OF RESTORING TOPOGRAPHY TO ORIGINAL GRADIENTS AND RESEEDING EXCAVATED AREAS OVER THE TRENCH AS IDENTIFIED IN THE DETAIL SHEETS AND THE EMCP NARRATIVE.



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IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL I ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT ND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION DB | APP | DRAWN BY: SUBMITTAL / REVISION DESCRIPTION

SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL **GENERAL NOTES 1 OF 2**

DESIGNED BY:

CHAMPLAIN HUDSON POWER EXPRESS

APPROVED BY:

KIEWIT PROJECT NO. 21162

> DRAWING NO. G-002

> > 3 OF XXX

- THE CIVIL ENGINEER OF RECORD (EOR) LICENSED PROFESSIONAL ENGINEER SEAL AND SIGNATURE ON THE PLAN AND PROFILE KEY MAP SHEET, SPLICE LOCATION TABLE SHEET, PLAN AND PROFILE SHEETS, TEMP OFF-SITE ACCESS ROADS SHEETS, AND TEMP OFF-SITE ACCESS ROUTES SHEETS IS LIMITED TO THE SCOPE OF DESIGN AS OUTLINED BELOW:
 - A. THE CIVIL EOR DESIGN SCOPE INCLUDES THE FOLLOWING:
 - a. HORIZONTAL AND VERTICAL GEOMETRY OF THE TRENCH AND CONDUITS
 - b. GEOMETRIC DESIGN OF TEMPORARY ROADS AND WORK AREAS
 - 1. THESE PLANS DEPICT THE GENERAL LAYOUT AND GRADING EXTENTS OF THE ROADS AND WORK AREAS. GEOMETRIC INFORMATION FOR TEMPORARY ROADS AND WORK AREAS IS NOT SHOWN IN THESE PLANS AND WILL BE AVAILABLE UPON REQUEST IN EXCEL OR CIVIL 3D 2020 DIGITAL FORMAT.
- 2. THE CIVIL EOR IS NOT RESPONSIBLE FOR THE ELECTRICAL DESIGN DEPICTED IN THESE PLANS.
- A. THE CERTIFICATE HOLDER (CHPE LLC) IS RESPONSIBLE FOR THE FOLLOWING ELECTRICAL DESIGN DEPICTED ON THESE PLANS INCLUDING THE FOLLOWING:
- a. DESIGN ASSOCIATED WITH THE ELECTRICAL TRANSMISSION LINE AND APPURTENANCES INCLUDING BUT NOT LIMITED TO PUBLIC SAFETY CONSIDERATIONS AND RISK ASSESSMENT(S); MATERIAL SELECTION; AND INTERFERENCE, THERMAL, AND STRAY CURRENT EFFECTS.
- b. DESIGN OF THE HVDC (HIGH VOLTAGE DIRECT CURRENT) CABLE, FIBER OPTIC CABLE, SPLICE CONNECTIONS, AND CABLE POLARITY
- c. CONDUIT SPACING (SEPARATION BETWEEN THE CABLES AND CONDUITS, AND OTHER CLEARANCE REQUIREMENTS FOR THE CABLE OR CONDUIT); DETERMINING MINIMUM OR MAXIMUM DEPTH OF COVER FOR THE CONDUITS OR CABLE; AND MATERIAL SELECTION OF TRENCH BACKFILL OR CONDUIT
- B. THE CIVIL EOR IS ADDITIONALLY NOT RESPONSIBLE FOR THE FOLLOWING DESIGN:
- a. CABLE PULLING FORCE CALCULATIONS OR INSTALLATION OF CABLES INCLUDING CABLE PULLING DIRECTION
- b. VERIFYING ACTUAL (3-DIMENSIONAL) CABLE LENGTHS FOR PURPOSES OF ORDERING MATERIALS
- c. ANY RISK ASSESSMENTS RELATED TO THE ELECTRICAL DESIGN INCLUDING THOSE NOTED IN THE CERTIFICATE HOLDER (CHPE LLC) RESPONSIBILITIES ABOVE
- d. ACCURACY OF SURVEY OR WETLAND DELINEATION INFORMATION DEPICTED IN THESE PLANS
- THE MAJORITY OF STORM WATER MANAGEMENT AND EROSION & SEDIMENT CONTROL DESIGN IS INCLUDED IN THE EROSION AND SEDIMENT CONTROL PLANS AND DETAILS; THE REMAINDER IS INCLUDED IN THE TEMP OFF-SITE ACCESS ROAD PLANS AND WILL BE SEALED BY BOTH THE CIVIL AND DRAINAGE EOR. THE CIVIL EOR DESIGN SCOPE IS DEFINED IN NOTES 1 AND 2 ABOVE; THE DRAINAGE EOR IS RESPONSIBLE FOR STORM WATER MANAGEMENT AND EROSION & SEDIMENT CONTROL DESIGN INCLUDED IN THE TEMP OFF-SITE ACCESS ROAD PLANS.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE MINIMUM ALLOWABLE BENDING RADIUS OF THE CONDUITS MEETS THE MANUFACTURER'S REQUIREMENTS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO IMPLEMENT SAFETY MEASURES AND/OR AN OPERATIONAL SAFETY PLAN DURING CONSTRUCTION TO PROTECT PERSONNEL AND VEHICLES FROM STEEP SLOPES OR HAZARDS ADJACENT TO ROADS AND WORK AREAS. THIS DESIGN PROVIDES TEMPORARY ACCESS AND WORK AREAS FOR CONSTRUCTION OPERATIONS FOR LOW-SPEED CONSTRUCTION TRAFFIC WITHIN A SITE THAT IS RESTRICTED FROM PUBLIC ACCESS.
- A. THESE PLANS DO NOT INCLUDE COMPREHENSIVE ROADSIDE SAFETY MEASURES OR HARDWARE, INCLUDING BUT NOT LIMITED TO: BARRIERS, GUARDRAIL, SIGNING, GATES, DELINEATORS, AND SAFETY BERMS.
- B. ACCESS ROADS ARE DESIGNED FOR A DESIGN SPEED OF 15 MPH FOR CRUSHED ROCK SURFACING (GRAVEL/AGGREGATE SURFACING). IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE VEHICLES ARE ADEQUATELY EQUIPPED FOR ROAD CONDITIONS, AND ROADS ARE ADEQUATELY MAINTAINED FOR SAFETY.
- C. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE STABILITY OF AND/OR SETBACKS FROM STEEP SLOPES, SHORING, AND WALLS ADJACENT TO VEHICULAR TRAFFIC OR NEAR PLACEMENT OF CONSTRUCTION EQUIPMENT (OR MATERIALS) AS DETERMINED BY A GEOTECHNICAL ENGINEER.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM EXISTING STRUCTURES, PIPES, ROADS, ROUTES, OR OTHER PAVED AREAS ARE ADEQUATE FOR CONSTRUCTION TRAFFIC AND VEHICLE LOADING.
- AS DESCRIBED IN THE EM&CP DOCUMENTS, THE DESIGN HEREIN IS BASED ON GRADES BEING RESTORED TO PRE-CONSTRUCTION CONDITIONS AFTER CONSTRUCTION HAS BEEN COMPLETED.

NATIONAL GRID NOTES

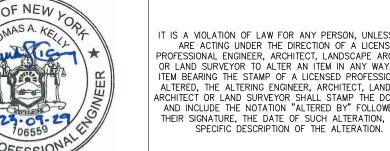
- THE CONTRACTOR SHALL OBSERVE AND ABIDE BY THE APPLICABLE POWER LINE SAFETY REGULATIONS 29 C.F.R. § 1926.1406
- THE CONTRACTOR SHALL TRAIN EMPLOYEES WORKING AS DEDICATED SPOTTERS IN ACCORDANCE WITH 29 C.F.R. § 1926.1408(G)(2).
- CONSTRUCTION UNDER TRANSMISSION LINES REQUIRES A DEDICATED SPOTTER, AS APPLICABLE.
- THE CONTRACTOR SHALL SUBMIT QUALIFIED INDIVIDUALS' RESUMES TO NATIONAL GRID.
- A NATIONAL GRID GAS REPRESENTATIVE SHALL BE ON SITE WHILE CONSTRUCTION ACTIVITIES OCCUR NEAR NATIONAL GRID GAS PIPELINE CROSSINGS.
- THE CONTRACTOR SHALL EXPOSE NATIONAL GRID PIPELINES COMPLETELY (360-DEGREE VIEW OF THE PIPELINE) AT EACH CROSSING LOCATION AND LEAVE THE PIPELINE EXPOSED WHILE ANY HDD PASSES BELOW NATIONAL GRID'S PIPELINE.

CO-SEALING NOTE: THE CIVIL ENGINEER OF RECORD, THOMAS A. KELLY, IS SEALING FOR THE "CIVIL NOTES" PORTION OF THIS PLAN SHEET. THE UTILTIES ENGINEER OF RECORD, MIKE REHIS WHEELER, IS SEALING FOR THE "NATIONAL GRID NOTES" PORTION OF THIS PLAN SHEET.









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	│ CHAMPLAIN HUDSON POWER EXPRESS │	_
	SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL	_
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	GENERAL NOTES 2 OF 2	

BV TK

09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION

DATE SUBMITTAL / REVISION DESCRIPTION

DRAWING NO. G-003

KIEWIT PROJECT NO.

21162

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AS SHOWN DATE DB APP DRAWN BY: AR DESIGNED BY: BV APPROVED BY: TK REV. NO.

2. INTERFERENCE WITH CSX OPERATION

- 2.a. CHPE LLC OR ITS CONTRACTOR SHALL ARRANGE AND CONDUCT ITS WORK SO THAT THERE WILL BE NO INTERFERENCE WITH CSX OPERATIONS, INCLUDING, BUT NOT LIMITED TO: TRAIN, SIGNAL, TELEPHONE AND TELEGRAPHIC SERVICES, OR DAMAGE TO CSX'S PROPERTY, OR TO POLES, WIRES, AND OTHER FACILITIES OF TENANTS ON CSX'S PROPERTY OR RIGHT—OF—WAY. CHPE LLC OR ITS CONTRACTOR SHALL STORE MATERIALS SO AS TO PREVENT TRESPASSERS FROM CAUSING DAMAGE TO TRAINS, OR CSX PROPERTY. WHENEVER WORK IS LIKELY TO AFFECT THE OPERATIONS OR SAFETY OF TRAINS, AN APPROVAL OF THE METHOD OF WORK BY CSXT OR ITS REPRESENTATIVE SHALL NOT RELIEVE CHPE LLC OR ITS CONTRACTOR FROM LIABILITY IN CONNECTION WITH SUCH WORK.
- 2.b. IF CONDITIONS ARISING FROM OR IN CONNECTION WITH THE PROJECT REQUIRE THAT IMMEDIATE AND UNUSUAL PROVISIONS BE MADE TO PROTECT TRAIN OPERATIONS OR CSX'S PROPERTY, CHPE LLC OR ITS CONTRACTOR SHALL MAKE SUCH PROVISION IN COORDINATION WITH CSXT OR ITS REPRESENTATIVE. IF THE CSX REPRESENTATIVE DETERMINES THAT SUCH PROVISIONS IS INSUFFICIENT, CSX MAY, AT THE EXPENSE OF CHPE LLC OR ITS CONTRACTOR, REQUIRE OR PROVIDE SUCH PROVISION AS MAY BE DEEMED NECESSARY, OR CAUSE THE WORK TO CEASE IMMEDIATELY.
- 2.c. SHOULD WORK ACTIVITIES BE REQUIRED WITHIN CSX PROPERTY OR RIGHT—OF—WAY, THE CONTRACTOR SHALL REQUEST CSX TO LOCATE ANY BURIED UTILITIES OR FACILITIES (AIR LINES, WELLS, ETC.). A WRITTEN REQUEST SHALL BE DELIVERED TO THE CSX REPRESENTATIVE AT LEAST FIVE (5) DAYS IN ADVANCE. THE TRADITIONAL "ONE CALL" UTILITY LOCATE SERVICES ARE NOT RESPONSIBLE FOR LOCATING ANY CSX UNDERGRADE UTILITIES OR FACILITIES. IT IS THE RESPONSIBILITY OF THE CHPE LLC OR ITS CONTRACTOR TO COORDINATE WITH CSXT OR ITS REPRESENTATIVE TO LOCATE ANY UNDERGRADE CSXT UTILITIES OR FACILITIES. DIG SAFE' PROCEDURES ARE TO BE FOLLOWED CONSISTENT WITH THE EM&CP NARRATIVE REPORT IN ADDITION TO THE ABOVE CSX UTILITY REQUIREMENTS.
- INSURANCE:

THE CONTRACTOR SHALL NOT BE PERMITTED TO WORK ON, OR HAVE POTENTIAL TO FOUL, CSX PROPERTY OR RIGHT-OF-WAY UNTIL IT HAS COMPLIED WITH THE FOLLOWING CONDITIONS:

- 3.a. NOTIFY CSX IN WRITING OF THE DATE THAT IT INTENDS TO COMMENCE WORK ON THE PROJECT. SUCH NOTICE MUST BE RECEIVED BY CSX AT LEAST TEN (10) BUSINESS DAYS IN ADVANCE OF THE DATE CHPE LLC OR ITS CONTRACTOR PROPOSES TO BEGIN WORK ON CSX PROPERTY. THE NOTICE MUST REFER TO THIS AGREEMENT BY DATE. IF FLAGGING SERVICE IS REQUIRED, SUCH NOTICE SHALL BE SUBMITTED AT LEAST THIRTY (30) BUSINESS DAYS IN ADVANCE OF THE DATE SCHEDULED TO COMMENCE THE WORK.
- 3.b. OBTAIN AUTHORIZATION FROM THE CSX REPRESENTATIVE TO BEGIN WORK ON CSX PROPERTY. ONCE AUTHORIZATION IS GIVEN, CHPE LLC OR CONTRACTOR SHALL PROVIDE A DETAILED SCHEDULE TO INCLUDE MEANS AND METHODS FOR REVIEW, COMMENT AND/OR APPROVAL PRIOR TO COMMENCEMENT OF WORK. CSX WILL IN TURN PROVIDE DIRECTION REGARDING SPECIFIC CONDITIONS WITH WHICH IT MUST COMPLY.
- 3.c. OBTAIN FROM CSX THE NAMES, ADDRESSES AND TELEPHONE NUMBERS OF CSX'S PERSONNEL WHO MUST RECEIVE NOTICE UNDER PROVISIONS IN THE AGREEMENT. WHERE MORE THAN ONE INDIVIDUAL IS DESIGNATED, THE AREA OF RESPONSIBILITY OF EACH SHALL BE SPECIFIED.
- 4. WORK FOR THE BENEFIT OF THE CONTRACTOR:
- 4.a. UNLESS OTHERWISE AGREED UPON, CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COSTS AND PERMIT REQUIREMENTS FOR RELOCATION OR MODIFICATION OF EXISTING THIRD PARTY FACILITIES AND MAY REQUIRE AN EM&CP CHANGE.
- 4.b. SHOULD CHPE LLC OR CONTRACTOR DESIRE ANY CHANGES IN ADDITION TO THE ABOVE, THEN IT SHALL MAKE SEPARATE ARRANGEMENTS WITH CSX FOR SUCH CHANGES TO BE ACCOMPLISHED AT THE CHPE LLC OR CONTRACTOR'S EXPENSE.
- 5. HAUL ACROSS RAILROAD:
- 5.a. IF CHPE LLC OR CONTRACTOR DESIRES ACCESS ACROSS CSX PROPERTY OR TRACKS AT OTHER THAN AN EXISTING AND OPEN PUBLIC ROAD CROSSING IN OR INCIDENT TO CONSTRUCTION OF THE PROJECT, THE CHPE LLC OR CONTRACTOR MUST FIRST OBTAIN THE PERMISSION OF CSX AND SHALL EXECUTE AN AGREEMENT, WHEREIN CHPE LLC OR CONTRACTOR AGREES TO BEAR ALL COSTS AND LIABILITIES RELATED TO SUCH ACCESS.
- 5.b. TEMPORARY CONSTRUCTION HAUL ROADS ACROSS CSX TRACKS WILL REQUIRE A SEPARATE APPLICATION AND PAYMENT TO CSX PROPERTY SERVICES. AGREEMENT EXTENSIONS REQUIRE ADDITIONAL PAYMENT. ACTUAL COST IS VARIABLE AND PROJECT SPECIFIC
- 5.c. CHPE LLC AND CONTRACTOR SHALL NOT CROSS CSX'S PROPERTY AND TRACKS WITH VEHICLES OR EQUIPMENT OF ANY KIND OR CHARACTER, EXCEPT AT SUCH CROSSING OR CROSSINGS AS MAY BE PERMITTED PURSUANT TO THIS SECTION.
- 6. COOPERATION AND DELAYS
- 6.a. CHPE LLC OR CONTRACTOR SHALL ARRANGE A SCHEDULE WITH CSX FOR ACCOMPLISHING STAGE CONSTRUCTION INVOLVING WORK BY CSX. IN ARRANGING ITS SCHEDULE, CHPE LLC OR CONTRACTOR SHALL ASCERTAIN, FROM CSX, THE LEAD TIME REQUIRED FOR ASSEMBLING CREWS AND MATERIALS AND SHALL MAKE DUE ALLOWANCE THEREFORE.
- 6.b. CHPE LLC OR CONTRACTOR MAY NOT CHARGE ANY COSTS OR SUBMIT ANY CLAIMS AGAINST CSX FOR HINDRANCE OR DELAY CAUSE BY RAILROAD TRAFFIC; WORK DONE BY CSX OR OTHER DELAY INCIDENT TO OR NECESSARY FOR SAFE MAINTENANCE OF RAILROAD TRAFFIC; OR FOR ANY DELAYS DUE TO COMPLIANCE WITH THESE SPECIAL PROVISIONS.
- 6.c. CHPE LLC AND CONTRACTOR SHALL COOPERATE WITH OTHERS PARTICIPATING IN THE CONSTRUCTION OF THE PROJECT TO THE END THAT ALL WORK MAY BE CARRIED ON TO THE BEST ADVANTAGE.
- 6.d. CHPE LLC AND CONTRACTOR UNDERSTAND AND AGREE THAT CSX DOES NOT ASSUME ANY RESPONSIBILITY FOR WORK PERFORMED BY OTHERS IN CONNECTION WITH THE PROJECT. CHPE LLC AND CONTRACTOR FURTHER UNDERSTAND AND AGREE THAT THEY SHALL HAVE NO CLAIM WHATSOEVER AGAINST CSX FOR ANY INCONVENIENCE, DELAY OR ADDITIONAL COST INCURRED BY CHPE LLC OR CONTRACTOR ON ACCOUNT OF OPERATIONS BY OTHERS.

- 7. STORAGE OF MATERIALS AND EQUIPMENT:
- 7.a. CHPE LLC AND CONTRACTOR SHALL NOT STORE THEIR MATERIALS OR EQUIPMENT ON CSX'S PROPERTY OR WHERE THEY MAY POTENTIALLY INTERFERE WITH CSX'S OPERATIONS, UNLESS CHPE LLC OR CONTRACTOR HAS RECEIVED CSX REPRESENTATIVE'S PRIOR WRITTEN PERMISSION. CHPE LLC AND CONTRACTOR UNDERSTAND AND AGREE THAT CSX WILL NOT BE LIABLE FOR ANY DAMAGE TO SUCH MATERIALS AND EQUIPMENT FROM ANY CAUSE AND THAT CSX MAY MOVE, OR REQUIRE CHPE LLC OR CONTRACTOR TO MOVE, SUCH MATERIAL AND EQUIPMENT AT CHPE LLC'S OR CONTRACTOR'S SOLE EXPENSE. TO MINIMIZE THE POSSIBILITY OF DAMAGE TO THE RAILROAD TRACKS RESULTING FROM THE UNAUTHORIZED USE OF EQUIPMENT, ALL GRADING OR OTHER CONSTRUCTION EQUIPMENT THAT IS LEFT PARKED NEAR THE TRACKS UNATTENDED BY WATCHMEN SHALL BE IMMOBILIZED TO THE EXTENT FEASIBLE SO THAT IT CANNOT BE MOVED BY UNAUTHORIZED PERSONS.
- 8. CONSTRUCTION PROCEDURES

GENERAL

- 8.a. CONSTRUCTION WORK ON CSX PROPERTY SHALL BE SUBJECT TO CSX'S INSPECTION AND APPROVAL.
- 8.b. CONSTRUCTION WORK ON CSX PROPERTY SHALL BE IN ACCORD WITH CSX'S CONSTRUCTION SUBMISSION CRITERIA, LATEST EDITION AND CSX'S WRITTEN OUTLINE OF SPECIFIC CONDITIONS AND WITH THESE SPECIAL PROVISIONS.
- 8.c. CONTRACTOR SHALL OBSERVE THE TERMS AND RULES OF THE CSX SAFE WAY MANUAL, WHICH CHPE LLC AND CONTRACTOR SHALL BE REQUIRED TO OBTAIN FROM CSX, AND IN ACCORD WITH ANY OTHER INSTRUCTIONS FURNISHED BY CSX OF CSX'S REPRESENTATIVE. FAILURE TO COMPLY WITH THE TERMS OF THE AGREEMENT AND CSX RULES CAN RESULT IN MANDATORY RAILROAD WORKER PROTECTIVE TRAINING FOR THE CHPE LLC, CONTRACTOR AND ITS SUBCONTRACTORS.

BI ASTING

- 8.d. CHPE LLC OR CONTRACTOR SHALL OBTAIN CSX REPRESENTATIVE'S AND CHPE LLC REPRESENTATIVES PRIOR WRITTEN APPROVAL FOR USE OF EXPLOSIVES ON OR ADJACENT TO CSX PROPERTY. IF PERMISSION FOR USE OF EXPLOSIVES IS GRANTED, CHPE LLC OR CONTRACTOR MUST COMPLY WITH THE FOLLOWING CODE:
- 8.d.1. BLASTING SHALL BE DONE WITH LIGHT CHARGES UNDER THE DIRECT SUPERVISION OF A RESPONSIBLE OFFICER OR EMPLOYEE OF CHPE LLC OR CONTRACTOR
- 8.d.2. ELECTRIC DETONATING FUSES SHALL NOT BE USED BECAUSE OF THE POSSIBILITY OF PREMATURE EXPLOSIONS RESULTING FROM OPERATION OF TWO-WAY TRAIN RADIOS.
- 8.d.3. NO BLASTING SHALL BE DONE WITHOUT THE PRESENCE OF AN AUTHORIZED REPRESENTATIVE OF CSX. AT LEAST THIRTY (30) DAYS' ADVANCE NOTICE TO CSX REPRESENTATIVES IS REQUIRED TO ARRANGE FOR THE PRESENCE OF AN AUTHORIZED CSX REPRESENTATIVE AND ANY FLAGGING THAT CSX MAY REQUIRE.
- 8.d.4. CHPE LLC OR CONTRACTOR MUST HAVE AT THE PROJECT SITE ADEQUATE EQUIPMENT, LABOR AND MATERIALS, AND ALLOW SUFFICIENT TIME TO (1) CLEAN UP (AT CHPE LLC'S EXPENSE) DEBRIS RESULTING FROM THE BLASTING WITHOUT ANY DELAY TO TRAINS; AND (2) CORRECT (AT CHPE LLC'S EXPENSE) ANY TRACK MISALIGNMENT OR OTHER DAMAGE TO CSX'S PROPERTY RESULTING FROM THE BLASTING, AS DIRECTED BY CSX REPRESENTATIVE, WITHOUT DELAY TO TRAINS. IF CHPE LLC'S OR CONTRACTOR'S ACTIONS RESULT IN DELAY OF ANY TRAINS, INCLUDING AMTRAK PASSENGER TRAINS, CHPE LLC SHALL BEAR THE ENTIRE COST THEREOF.
- 8.d.5. CHPE LLC AND CONTRACTOR SHALL NOT STORE EXPLOSIVES ON CSX PROPERTY.
- 9. CSX REPRESENTATIVE WILL
- 9.a. DETERMINE THE APPROXIMATE LOCATION OF TRAINS AND ADVISE CHPE LLC OR CONTRACTOR OF THE APPROXIMATE AMOUNT OF TIME AVAILABLE FOR THE BLASTING OPERATION AND CLEAN—UP.
- 9.b. HAVE THE AUTHORITY TO ORDER DISCONTINUANCE OF BLASTING IF, IN HIS OR HER OPINION, BLASTING IS TOO HAZARDOUS OR IS NOT IN ACCORD WITH THESE SPECIAL PROVISIONS.
- 10. ENVIRONMENTAL
- 10.a. SOIL EXCAVATION WITHIN CSX PROPERTY IS ANTICIPATED, AND IF SAID SOILS CANNOT REMAIN ON CSX PROPERTY DURING AND AFTER CONSTRUCTION, THEN CSX ENVIRONMENTAL MUST BE CONTACTED AT LEAST THIRTY (30) DAYS IN ADVANCE OF THE WORK IN ORDER TO SCHEDULE SAMPLING, CLASSIFICATION AND DISPOSITION OF MATERIAL. EXCAVATED MATERIAL IS PROHIBITED FROM BEING REMOVED FROM CSX PROPERTY, OR RIGHTS—OF—WAY, WITHOUT EXPRESSED WRITTEN DIRECTION FROM CSX. SHOULD FINAL DISPOSITION REQUIRE DISPOSAL OF EXCAVATED MATERIAL, CSX SHALL HAVE SOLE DISCRETION OF MEANS AND LOCATION OF SAID DISPOSAL. THE MEANS AND LOCATION OF DISPOSAL SHALL BE IN COMPLIANCE WITH THE EM&CP GUIDELINES, CERTIFICATE REQUIREMENTS, AND BEST MANAGEMENT PRACTICES AS APPROVED BY NYSDPS. CHPE LLC WILL BEAR ALL COSTS ASSOCIATED WITH SAMPLING, STAGING AND SUBSEQUENT DISPOSAL IF DEEMED NECESSARY. CONTRACTOR WILL BE REQUIRED TO OBTAIN ALL DISPOSAL TICKETS / DOCUMENTATION AND PROVIDE THE INFORMATION TO THE CSX REPRESENTATIVE. CSX WILL NOT BEAR ANY COSTS ASSOCIATED WITH THIS WORK.
- 10.b. ANY WASTE MATERIALS GENERATED BY THE PROJECT, INCLUDING BUT NOT LIMITED TO WASHING WITH CLEANING SOLVENTS, BLASTING, SCRAPING, BRUSHING AND PAINTING OPERATIONS, SHALL BE THE RESPONSIBILITY OF THE CHPE LLC OR ITS CONTRACTOR AND SHALL BE CONTAINED, COLLECTED AND PROPERLY DISPOSED OF BY THE CHPE LLC OR ITS CONTRACTOR. CHPE LLC AND ITS CONTRACTOR AGREE TO FULLY COMPLY WITH ALL FEDERAL, STATE, AND LOCAL ENVIRONMENTAL LAWS, REGULATIONS, STATUTES AND ORDINANCES AT ALL TIMES IN ACCORDANCE WITH THIS EM&CP.
- 11. MAINTENANCE OF DITCHES ADJACENT TO CSX TRACKS
- 11.a. CHPE LLC OR CONTRACTOR SHALL MAINTAIN ALL DITCHES AND DRAINAGE STRUCTURES FREE OF SILT OR OTHER OBSTRUCTIONS THAT MAY RESULT FROM THEIR OPERATIONS. IN ADDITION, CHPE LLC OR CONTRACTOR SHALL MAINTAIN ALL CSX PROPERTY OR RIGHT—OF—WAY IMPACTED BY PROJECT OPERATIONS INCLUDING BUT NOT LIMITED TO; ACCESS OR HAUL ROADS, STAGING AREAS, PARKING LOTS IN A MANNER THAT PROVIDES CSX FREE AND CLEAR ACCESS TO FACILITIES, MATERIALS WHILE PROVIDING ACCEPTABLE DRIVING SURFACES FREE OF DRAINAGE IMPACTS OR REDUCED CSX CAPACITY. CHPE LLC OR CONTRACTOR SHALL PROVIDE EROSION CONTROL MEASURES DURING CONSTRUCTION AND USE METHODS THAT ACCORD WITH APPLICABLE STATE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, INCLUDING EITHER (1) SILT FENCE; (2) HAY OR STRAW BARRIER; (3) BERM OF TEMPORARY DITCHES; (4) SEDIMENT BASIN; AGGREGATE CHECKS; AND (6) CHANNEL LINING. ALL SUCH MAINTENANCE AND REPAIR OF DAMAGES DUE TO CHPE LLC'S OR CONTRACTORS OPERATIONS SHALL BE PERFORMED AT CHPE LLC'S EXPENSE.

- 12. TRACK PROTECTION / INSPECTION SERVICE
- 12.a. CSX HAS SOLE AUTHORITY TO DETERMINE THE NEED FOR TRACK PROTECTION REQUIRED TO PROTECT ITS OPERATIONS AND PROPERTY. IN GENERAL, TRACK PROTECTION WILL BE REQUIRED WHENEVER CHPE LLC OR CONTRACTOR OR THEIR EQUIPMENT ARE, OR ARE LIKELY TO BE, WORKING WITHIN FIFTY (50) FEET OF LIVE TRACK OR OTHER TRACK CLEARANCES SPECIFIED BY CSX, OR OVER TRACKS.
- 12.b. CHPE LLC SHALL REIMBURSE CSX DIRECTLY FOR ALL COSTS OF TRACK PROTECTION THAT IS REQUIRED ON ACCOUNT OF CONSTRUCTION WITHIN CSX PROPERTY SHOWN IN THE PLANS, OR THAT IS COVERED BY AN APPROVED PLAN REVISION, SUPPLEMENTAL AGREEMENT OR CHANGE ORDER.
- 12.c. CHPE LLC OR CONTRACTOR SHALL GIVE A MINIMUM OF THIRTY (30) DAYS' ADVANCE NOTICE TO CSX REPRESENTATIVE FOR ANTICIPATED NEED FOR TRACK PROTECTION. NO WORK SHALL BE UNDERTAKEN UNTIL THE FLAG PERSON(S) IS/ARE AT THE JOB SITE. IF IT IS NECESSARY FOR CSX TO ADVERTISE A FLAGGING JOB FOR BID, IT MAY TAKE UP TO NINETY (90) DAYS TO OBTAIN THIS SERVICE AND CSX SHALL NOT BE LIABLE FOR THE COST OF DELAYS ATTRIBUTED TO OBTAINING SUCH
- 12.d. CSX SHALL HAVE THE RIGHT TO ASSIGN AN INDIVIDUAL TO THE SITE OF THE PROJECT TO PERFORM INSPECTION SERVICE WHENEVER, IN THE OPINION OF CSX REPRESENTATIVE, SUCH INSPECTION MAY BE NECESSARY. CHPE LLC SHALL REIMBURSE CSX FOR THE COSTS INCURRED BY CSX FOR SUCH INSPECTION SERVICE. INSPECTION SERVICE SHALL NOT RELIEVE CHPE LLC OR CONTRACTOR FROM LIABILITY.
- 12.e. CSX SHALL RENDER INVOICES FOR, AND CHPE LLC SHALL PAY FOR, THE ACTUAL PAY RATE OF THE FLAG PERSON(S) AND INSPECTORS USED, PLUS STANDARD ADDITIVES, WHETHER THAT AMOUNT IS ABOVE OR BELOW THE RATE PROVIDED IN THE ESTIMATE. IF THE RATE OF PAY THAT IS TO BE USED FOR INSPECTOR OR FLAGGING SERVICE IS CHANGED BEFORE THE WORK IS STARTED OR DURING THE PROGRESS OF THE WORK, WHETHER BY LAW OR AGREEMENT BETWEEN CSX AND ITS EMPLOYEES, OR IF THE TAX RATES ON LABOR ARE CHANGED, BILLS WILL BE RENDERED BY CSX AND PAID BY CHPE LLC USING THE NEW RATES AND CONTRACTOR SHALL PERFORM THEIR OPERATIONS THAT REQUIRE TRACK PROTECTION OR INSPECTION SERVICE IN SUCH A MANNER AND SEQUENCE THAT THE COST OF SUCH WILL BE AS ECONOMICAL AS POSSIBLE.
- 13. UTILITY FACILITIES ON CSX PROPERTY
- 13.a. CHPE LLC SHALL ARRANGE, UPON APPROVAL FROM CSX, TO HAVE ANY UTILITY FACILITIES ON OR OVER CSX PROPERTY CHANGED AS MAY BE NECESSARY TO PROVIDE CLEARANCES FOR THE PROPOSED FACILITIES.
- 14. CLEAN-UP
- 14.a. CHPE LLC OR CONTRACTOR, UPON COMPLETION OF THE PROJECT, SHALL REMOVE AND DISPOSE FROM CSX'S PROPERTY ANY TEMPORARY CONSTRUCTION WORK, ANY TEMPORARY EROSION CONTROL MEASURES USED TO CONTROL DRAINAGE, ALL MACHINERY, EQUIPMENT, SURPLUS MATERIALS, FALSEWORK, RUBBISH, OR TEMPORARY BUILDINGS BELONGING TO CHPE LLC OR CONTRACTOR. CHPE LLC OR CONTRACTOR, UPON COMPLETION OF THE PROJECT, SHALL LEAVE CSX PROPERTY IN KIND OR BETTER CONDITION, SATISFACTORY TO THE CSX REPRESENTATIVE.
- 15. FAILURE TO COMPLY
- 15.a. IF CHPE LLC OR CONTRACTOR VIOLATE OR FAIL TO COMPLY WITH ANY OF THE REQUIREMENTS OF THESE SPECIAL PROVISIONS, (A) CSX MAY REQUIRE CHPE LLC AND/OR CONTRACTOR TO VACATE CSX PROPERTY; AND (B) CSX MAY WITHHOLD MONIES DUE CHPE LLC AND/OR CONTRACTOR; (C) CSX MAY REQUIRE CHPE LLC TO WITHHOLD MONIES DUE CONTRACTOR; AND (D) CSX MAY CURE SUCH FAILURE AND THE CHPE LLC SHALL REIMBURSE CSX FOR THE COST OF CURING SUCH FAILURE.
- 16. FENCING NOTES
- 16.a. ALL MATERIALS USED FOR THE FENCE AND GATE CONSTRUCTION SHALL CONFORM TO AASHTO M 181.
- 16.b. MATERIAL FOR THE FENCING SHALL BE AASHTO M 181 TYPE I, II, III OR IV.
- 16.c. GRADE 2 STEEL POSTS, RAILS, AND GATE FRAMES SHALL BE USED UNLESS OTHERWISE NOTED ON THE PLANS. THE TOP RAILS AND COMPRESSION BRACES SHALL CONSIST OF GRADE 2 STEEL.
- 16.d. THE FABRIC SHALL BE AASHTO TYPE I, CLASS D, 9 GAUGE, OR APPROVED EQUAL.
- 16.e. THE MINIMUM PIPE SIZES FOR FENCE COMPONENTS SHALL BE AS FOLLOWS:

COMPONENT	FENCE INDUSTRY O.D. (GRADE 2)	NOMINAL PIPE SIZE I.D.
LINE POSTS	2-1/2 INCH	2 INCH
GATE POSTS	4 INCH	3-1/2 INCH
CORNER POSTS	3 INCH	2-1/2 INCH
TOP RAILS	1-5/8 INCH	1-1/4 INCH
COMPRESSION BRACES	1-5/8 INCH	1-1/4 INCH

- 16.f. ALL POSTS SHALL BE CROWNED WITH AN APPROVED TOP SO DESIGNED AS TO FIT SECURELY TO THE TOP OF THE POST AND CARRY THE TOP RAIL.
- 16.g. CONCRETE FOR POST FOUNDATIONS SHALL HAVE MINIMUM 28 DAY STRENGTH OF 2800 PSI.
- 16.h. TENSION RODS SHALL BE 3/8 INCH ROUND RODS WITH DROP FORGED TURNBUCKLES OR OTHER SIMILAR TYPE OF ADJUSTMENT.
- 16.i. FENCE FABRIC SHALL BE WOVEN INTO AN APPROXIMATELY 2 INCH DIAMOND MESH. TOP AND BOTTOM SELVAGES ARE TO HAVE TWIST.
- 16.j. COUPLING OR EXPANSION SLEEVES SHALL BE OUTSIDE SLEEVE TYPE AND BE AT LEAST SIX (6) INCHES LONG.
- 16.k. FABRIC BANDS SHALL BE NOT LESS THAN 1/8 INCH X 3/4 INCH IN SECTIONS. STRETCH BARS SHALL BE NOT LESS THAN $\frac{1}{4}$ INCH x $\frac{3}{4}$ INCH IN SECTION. TIE WIRE SHALL BE 9 GAGE.







FOR INFORMATION, SEE
ENVIRONMENTAL MANAGEMENT
AND CONSTRUCTION PLAN NARRATIVE.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					CHAI
					SEGMENT
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION			
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY:

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL
CSX GENERAL NOTES

APPROVED BY:

DESIGNED BY:

DRAWING NO.

G-004

KIEWIT PROJECT NO.

AS SHOWN | DATE | 09/29/2023 | 0 | SH.NO. | 5 | OF XXX

В

EXISTING CAPPED IRON ROD

EXISTING CONCRETE MONUMENT

EXISTING REFLECTOR MARKER

EXISTING IRON PIPE

EXISTING POST

EXISTING SYMBOL

EXISTING SIGN EXIST. STRUCTURE POST EXIST. STRUCTURE MAILBOX EXIST. GAS LINE — G — G — EXIST. UNDERGROUND TELE. — — UT — — UT — EXIST. FIBER OPTIC — F0 — F0 — EXIST. OVERHEAD TELE. — ot — ot — EXIST. UNDERGROUND ELEC. — — UE — — UE — EXIST. OVERHEAD ELEC. — OE — OE — EXIST. CULVERT — — ST — — ST — — — ss — — ss — EXIST. SANITARY SEWER EXIST. STORM SEWER — — ST — — ST — EXIST. POTABLE WATER LINE —— — w —— — — — EXIST. FUEL LINE ------ FUEL ------EXIST. RAILROAD TRACK ⊗ CERTIFIED ROUTE MP XX CERTIFIED ROUTE PROVIDED BY CHPE KMZ ⊗ RANDALL PREFERRED MP XX _____ EXIST. CONTOUR, INDEX 140 EXIST. CONTOUR, DEPRESSION INDEX -^----EXIST. CONTOUR, INTERMEDIATE $\times^{139.7}$ EXIST. SPOT ELEVATION EXIST. DEBRIS EXIST. FIELD LINE EXIST. LANDSCAPE AREA EXIST. PILE EXIST. STORAGE AREA EXIST. NATURAL BOULDER

RANDALL PREFERRED PROVIDED BY CHPE KMZ EXIST. CONTOUR, DEPRESSION INTERMEDIATE EXIST. NATURAL SHRUB LINE EXIST. NATURAL TREE LINE ______ \bigcirc \bigcirc \bigcirc EXIST. NATURAL SINGLE TREE/BUSH EXIST. STRUCTURAL BUILDING EXIST. PAVED DRIVE EXIST. PAVED ROAD EXIST. PAVED SHOULDER EXIST. GUARDRAIL EXIST. TRAIL EXIST. FENCE EXIST. WALL EXIST. RETAINING WALL EXIST. MILEPOST NUMBER EXIST. MAPPING BOUNDARY △ 154.3550 202 EXIST. GROUND CONTROL EXIST. RIGHT-OF-WAY EXIST. ABUTTER **⊕**XX−## EXIST. WETLAND FLAG EXIST. WETLANDS

EXIST. WATERBODY, STREAM, OR STREAM BANK

1. LIMIT OF WORK (LOW) - THE BOUNDARY IN WHICH ALL CONSTRUCTION ACTIVITIES, STOCKPILES MATERIAL, EQUIPMENT STORAGE, ACCESS, PARKING, GRADING,

LANDSCAPING, RESTORATION, AND ANY OTHER CONSTRUCTION RELATED ACTIVITIES

SHALL OCCUR. ADDITIONALLY, THE LOW IS THE BOUNDARY FOR ALL POTENTIAL

DISTURBANCE DURING CONSTRUCTION. UNLESS OTHERWISE SPECIFIED, WHEN THE LIMIT OF CLEARING AND GRUBBING IS SHOWN ON THE PLANS, IT SHALL ALSO BE

THE LOW. THE LOW INCLUDES THE AREA THAT WOULD BE CONSIDERED THE LIMIT

PEM - PALUSTRINE EMERGENT PSS - PALUSTRINE SCRUB-SHRUB PFO - PALUSTRINE FORESTED PUB - PALUSTRINE UNCONSOLIDATED BOTTOM · · · · L1 - LACUSTRINE LIMNETIC L2 - LACUSTRINE LITTORAL NYSDEC FWW 100-FOOT ADJACENT BUFFER AREA ESTIMATED WETLAND BOUNDARY ESTIMATED AGRICULTURAL LAND BOUNDARY FLOODWAY BOUNDARY 1% ANNUAL CHANCE FLOODPLAIN BOUNDARY 0.2% ANNUAL CHANCE FLOODPLAIN BOUNDARY JD BOUNDARY APPROX. USACE FEDERAL CHANNEL BOUNDARY (TYP.)

VEG. CLEARING - TYPE I - HAND CUTTING APPROVED CENTERLINE VEG. CLEARING - TYPE II - MECHANICAL CLEARING CORRUGATED METAL PIPE CMP VEG. CLEARING - TYPE III - MOWING CONC CONCRETE VEG. CLEARING - TYPE IV - MECHANICAL WHOLE-TREE FELLING DB DESIGNED BY PROP. WETLAND PROTECTION FENCE DEC NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PROP. COMPOST FILTER SOCK (OR SILT SOCK) DEGREES DEG CHECK DAM DR DRIVE SURFACE WATER FLOW $\leftrightarrow\sim$ DEVIATION ZONE EASTING PROP. TEMPORARY SWALE **ELECTRIC** ELECTRIC CABLE STABILIZED CONSTRUCTION ENTRANCE (TYP.) ELEV ELEVATION PROP. TEMP MAJOR CONTOUR EQNAHD STATION EQUATION AHEAD PROP. TEMP MINOR CONTOUR EQNBK STATION EQUATION BACK PROP. LIMITS OF WORK/DISTURBANCE ____LOW____ EXIST EXISTING \sim PROP. LIMITS OF CLEARING/LIMITS OF WORK IN CLEARING AREAS **FIBER** FIBER OPTIC CABLE PROP. CONCRETE WASHOUT FT FEET ____ PROP. TEMP ACCESS ROAD RTE (EXISTING ROAD OR SURFACE) GAS PIPE GAS PROP. TEMP REFURBISHED ACCESS ROAD HORIZONTAL HDD HORIZONTAL DIRECTIONAL DRILLING PROP. TEMP SHOULDER WIDENING HIGH-VOLTAGE DIRECT CURRENT TRANSMISSION LINE HVDC PROP. TEMP ACCESS ROAD OR OFF SITE ACCESS ROAD INVERT ELEVATION INV PROP. WETLAND OR AGRICULTURAL LAND* WORKING SURFACE (SEE SHEET C-613) (*AGRICULTURAL LANDS MAY USE WETLAND LIMITS OF WORK LOW WORKING SURFACE OR OTHER APPROVED MITIGATION METHODS) LEFT PROP. MILLING & RESURFACING MAXMAXIMUM PROP. SPLICE LOCATION MINIMUM PROP. SPLICE VAULT NORTHING PROP. LINK BOX HANDHOLE NUMBER PROP. FIBER SPLICE HANDHOLE NEW YORK PROP. BORING LOCATION NYCDEP NEW YORK CITY DEPT. OF ENVIRONMENT PROTECTION XXXXX+XX PROP. ALIGNMENT STATIONING NYCDOT NEW YORK CITY DEPT. OF TRANSPORTATION PROP. ALIGNMENT CENTERLINE NYDPR NEW YORK CITY DEPT. OF PARKS AND RECREATION PROP. LAYDOWN YARDS, PARKING, STORAGE & MUSTER AREA PACKAGE # . — — — — PERM PERMANENT PROP. WORK AREAS PROPOSED 7' FOUL ZONE: NO VEHICLES, MATERIALS, DISTURBANCE, PERSONNEL, OR WORK SHALL ENCROACH THE ZONE WITHIN 7FT OF POLYVINYL CHLORIDE THE NEAREST RAIL WITHOUT CSX COORDINATION AND APPROVAL PVI POINT OF VERTICAL INTERSECTION ~~~~~ PROP. SHORING/SHEETING **RADIUS** REINFORCED CONCRETE PIPE PROP. TEMP EASEMENT ROAD RD PROP. PERM EASEMENT REV REVISION PROP. TEMP ACCESS EASEMENT RIGHT-OF-WAY ROW RIGHT SPLICE LOCATION POLE MARKER RTE **ROUTE** UNDERGROUND POWER CABLE POLE MARKER **SEWER** SANITARY SEWER PIPE SH SHEET PROP. TRANSITION BOX MANHOLE STREET ST STATION STA DC CABLE IDENTIFICATION TAGS. SEE SHEET C-807 FOR MORE DETAILS | A (-) | B (+) | STORM STORM DRAIN PIPE TELECOM TELECOMMUNICATIONS CABLE TEMP **TEMPORARY** TR THERMAL RESISTIVITY **TYPICAL** VERTICAL WATER WATERLINE



Power Express

CAPPED IRON ROD

CONCRETE BOUNDARY

O IRON PIPE



OF DISTURBANCE (LOD).

NOTES:



IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					CHAMP SEGMENT 10 (F	PACKAGE 6) -	-SE	SON PO\ LKIRK RAIL Y/ ID ABBREVI	ARD BYPAS
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BV	TK	_				
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY: AR	DESIGNED BY:	BV	APPROVED BY:	TK SCALE REV. NO.

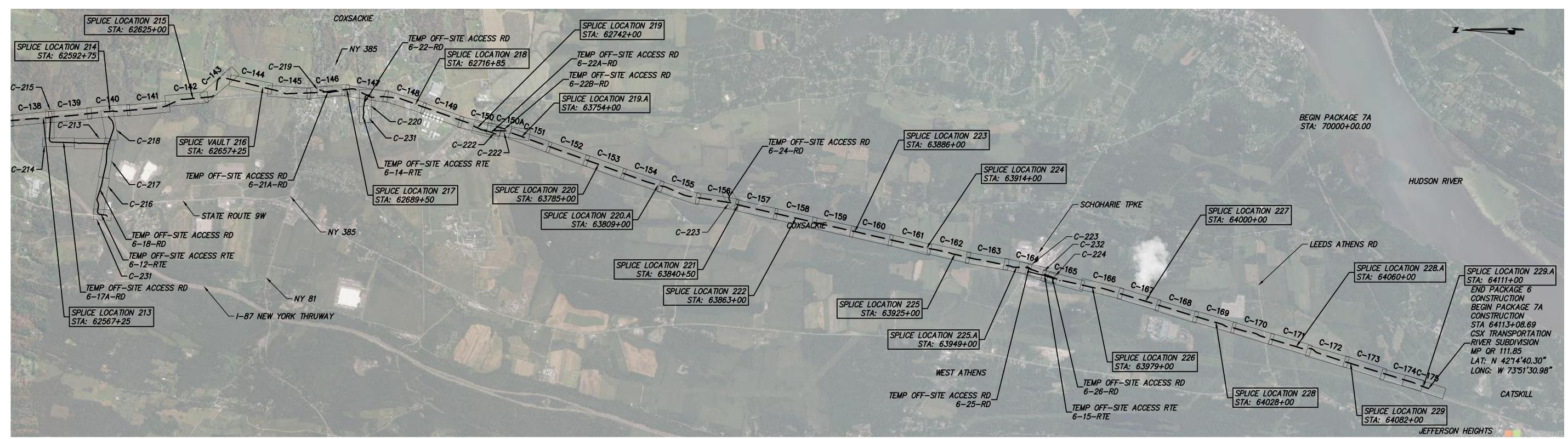
CHAMPLAIN HUDSON POWER EXPRESS GMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL LEGEND AND ABBREVIATIONS

21162 DRAWING NO.

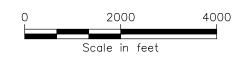
KIEWIT PROJECT NO.

G-005

AS SHOWN DATE 09/29/2023 6 OF XXX



PLAN AND PROFILE KEY MAP









IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

						Scale in feet	
				T			
					CHAMPLAIN HUDSON POWER EXPRESS	KIEWIT PRO	OJECT NO.
						211	62
					SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL		
					PLAN AND PROFILE KEY MAP	DRAWIN	NG NO.
						G-0	106
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION	BV	TK			
No.	DATE	CURMITTAL / DEVICION DECORIDATION	DB	APP	SCALE AS SHOWN	DATE	09/29/2023
INO.	DATE	SUBMITTAL / REVISION DESCRIPTION	םט ן	APP	DRAWN BY: AR DESIGNED BY: BV APPROVED BY: TK REV NO 0	SH NO	7 OF XXX

			SPLICE LOCATION TABLE	<u> </u>		
SPLICE LOCATION	SHEET NUMBER	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
SPLICE LOCATION 194	C-101	60003+25.00	1349476.92	678687.70	42.535613	-73.807750
SPLICE LOCATION 195	C-103	60035+00.00	1346606.09	679361.69	42.527720	-73.805336
SPLICE LOCATION 196	C-105	60067+00.00	1343619.55	678251.95	42.519550	-73.809543
SPLICE LOCATION 197	C-107	60091+50.00	1341335.93	677365.24	42.513304	-73.812901
SPLICE LOCATION 198	C-109	60122+50.00	1338495.95	676222.67	42.505536	-73.817224
SPLICE LOCATION 199	C-111	60151+00.00	1335719.99	675705.42	42.497930	-73.819225
SPLICE LOCATION 200	C-113	60183+00.00	1332621.81	676438.82	42.489413	-73.816598
SPLICE LOCATION 201	C-114 & C-115	60210+00.00	1330061.70	677292.10	42.482369	-73.813511
SPLICE LOCATION 202	C-117	61241+50.00	1327045.03	678239.44	42.474070	-73.810090
SPLICE LOCATION 203	C-119	61273+75.00	1323969.60	678856.31	42.465618	-73.807896
SPLICE LOCATION 204	C-121	61306+00.00	1320819.00	678216.84	42.456987	-73.810361
SPLICE LOCATION 205	C-122	61328+00.00	1318693.31	677675.60	42.451166	-73.812431
SPLICE LOCATION 206	C-125	61360+25.00	1315852.02	678002.39	42.443362	-73.811305
SPLICE LOCATION 207	C-127	61392+00.00	1312871.97	678831.67	42.435166	-73.808323
SPLICE LOCATION 208	C-129	62423+50.00	1309823.78	678301.91	42.426814	-73.810377
SPLICE LOCATION 209	C-130	62448+00.00	1307467.07	677659.18	42.420361	-73.812828
SPLICE LOCATION 210	C-132	62479+15.00	1304551.78	676814.99	42.412380	-73.816042
PLICE LOCATION 210.A	C-134	62500+40.00	1302583.43	676020.71	42.406997	-73.819041
SPLICE LOCATION 211	C-136	62532+65.00	1299377.36	675814.25	42.398204	-73.819901
SPLICE LOCATION 212	C-137	62551+50.00	1297500.56	675929.46	42.393051	-73.819530
SPLICE LOCATION 213	C-138	62567+25.00	1295932.29	676061.92	42.388745	-73.819086
SPLICE LOCATION 214	C-140	62592+75.00	1293398.68	676320.43	42.381787	-73.818204
SPLICE LOCATION 215	C-142	62625+00.00	1290244.91	676807.71	42.373122	-73.816495
SPLICE VAULT 216	C-144	62657+25.00	1287581.66	677234.44	42.365805	-73.814995
SPLICE LOCATION 217	C-146	62689+50.00	1284401.91	677153.88	42.357081	-73.815388
SPLICE LOCATION 218	C-148	62716+85.00	1281785.37	676593.82	42.349913	-73.817538
SPLICE LOCATION 219	C-150	62742+00.00	1279439.98	675697.07	42.343497	-73.820924
SPLICE LOCATION 219.A	C-151	63754+00.00	1277746.97	675360.02	42.338859	-73.822221
SPLICE LOCATION 220	C-153	63785+00.00	1274831.83	674306.11	42.330882	-73.826204
PLICE LOCATION 220.A	C-154	63809+00.00	1272566.54	673516.34	42.324683	-73.829191
SPLICE LOCATION 221	C-157	63840+50.00	1269528.07	672767.47	42.316362	-73.832049
SPLICE LOCATION 222	C-158	63863+00.00	1267335.30	672264.20	42.310356	-73.833973
SPLICE LOCATION 223	C-160	63886+00.00	1265093.56	671750.76	42.304215	-73.835936
SPLICE LOCATION 224	C-161	63914+00.00	1262364.13	671127.06	42.296739	-73.838320
SPLICE LOCATION 225	C-162	63925+00.00	1261293.07	670883.45	42.293805	-73.839251
PLICE LOCATION 225.A	C-164	63949+00.00	1258947.78	670394.03	42.287379	-73.841127
SPLICE LOCATION 226	C-166	63979+00.00	1256067.84	669626.21	42.279493	-73.844047
SPLICE LOCATION 227	C-167	64000+00.00	1254048.36	669103.45	42.273962	-73.846036
SPLICE LOCATION 228	C-169	64028+00.00	1251371.96	668295.05	42.266635	-73.849098
PLICE LOCATION 228.A	C-171	64060+00.00	1248321.24	667373.61	42.258283	-73.852588
SPLICE LOCATION 229	C-173	64082+00.00	1246252.25	666736.82	42.252618	-73.854998
PLICE LOCATION 229.A	C-175	64111+00.00	1243492.60	665854.42	42.245064	-73.858334

	LINK BOX TABLE*												
LINK BOX	SHEET NUMBER	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE							
197	C-107	60091+54.00	1341336.78	677351.90	42.513306	-73.812951							
201	C-115	60210+04.00	1330054.02	677281.16	42.482348	-73.813552							
205	C-122	61328+04.00	1318686.37	677687.02	42.451146	-73.812389							
209	C-130	62448+04.00	1307461.01	677671.09	42.420344	-73.812784							
213	C-138	62567+29.00	1295927.16	676049.58	42.388731	-73.819132							
217	C-146	62689+54.00	1284399.26	677166.98	42.357073	-73.815339							
220	C-153	63785+04.00	1274823.73	674316.74	42.330860	-73.826165							
224	C-161	63914+04.00	1262357.39	671138.60	42.296720	-73.838277							
228	C-169	64028+04.00	1251364.48	668306.12	42.266614	-73.849057							

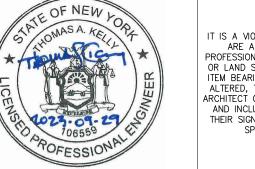
*NOTE: LINK BOX HANDHOLES ARE REQUIRED AT SPLICE LOCATIONS. LINK BOXES AT SPLICE VAULTS ARE LOCATED INSIDE THE VAULT.

CO-SEALING NOTE: THE ELECTRICAL ENGINEER OF RECORD, MICHAEL REHIS WHEELER, IS SEALING FOR THE ELECTRICAL DESIGN AND ACCEPTABILITY OF THE LOCATIONS OF ELECTRICAL APPERTUNANCES DEPICTED ON THIS PLAN SHEET. THE CIVIL ENGINEER OF RECORD, THOMAS A. KELLY, IS SEALING FOR THE ACCURACY OF THE LOCATIONS OF ELECTRICAL APPURTENANCES DEPICTED ON THIS PLAN SHEET. SEE CIVIL NOTES ON GENERAL NOTES 2 OF 2, SHEET G-003, FOR LIMITATIONS OF THE CIVIL ENGINEER OF RECORD'S SCOPE OF DESIGN.

CHPE Kiewit **Power Express**







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SPECIFIC DESCRIPTION OF THE ALTERATION.

				CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL SPLICE, LINK BOX, AND FIBER OPTIC HANDHOLE LOCATION TABLES	
0	09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION	BV	TK		_
No.	DATE SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY: AR DESIGNED BY: BV APPROVED BY: TK REV. NO. 0 S	์ S

ı		· · ·	BER OPTIC HANDHOLE TAE		1	1
FIBER OPTIC HANDHOLE	SHEET NUMBER	STATION	NORTHING	EASTING	LATITUDE	LONGITUDE
194	C-101	60002+64.43	1349523.17	678648.59	42.535740	-73.807893
195	C-103	60034+39.43	1346662.61	679383.45	42.527875	-73.805254
196	C-105	60066+39.43	1343676.07	678273.73	42.519705	-73.809461
197	C-107	60090+89.43	1341392.45	677387.02	42.513458	-73.812819
198	C-109	60121+89.43	1338552.57	676244.19	42.505691	-73.817142
199	C-111	60150+39.43	1335780.55	675704.02	42.498097	-73.819228
200	C-113	60182+39.43	1332679.52	676420.45	42.489572	-73.816664
201	C-114	60209+39.43	1330119.42	677273.75	42.482528	-73.813577
202	C-117	61240+89.43	1327102.59	678220.57	42.474229	-73.810158
203	C-119	61273+14.43	1324030.02	678860.47	42.465783	-73.807879
204	C-121	61305+39.43	1320877.61	678232.11	42.457147	-73.810303
205	C-122	61327+39.43	1318752.11	677690.15	42.451327	-73.812375
206	C-124	61359+64.43	1315900.64	677966.26	42.443496	-73.811438
207	C-127	61391+39.43	1312930.58	678816.38	42.435327	-73.808378
208	C-129	62422+89.43	1309879.71	678325.16	42.426967	-73.810289
209	C-130	62447+39.43	1307526.80	677669.26	42.420525	-73.812789
210	C-132	62478+54.43	1304608.09	676837.31	42.412534	-73.815957
210.A	C-134	62499+79.43	1302640.88	676039.90	42.407154	-73.818969
211	C-136	62532+04.43	1299437.65	675820.07	42.398369	-73.819877
212	C-137	62550+89.43	1297560.76	675922.70	42.393216	-73.819553
213	C-138	62566+64.43	1295992.62	676056.50	42.388910	-73.819104
214	C-140	62592+14.43	1293458.99	676314.88	42.381952	-73.818223
215	C-142	62624+39.43	1290305.23	676802.19	42.373288	-73.816513
217	C-146	62688+89.43	1284462.16	677147.60	42.357246	-73.815409
218	C-148	62716+24.43	1281842.11	676615.02	42.350069	-73.817457
219	C-150	62741+39.43	1279494.44	675723.57	42.343646	-73.820825
219.A	C-151	63753+39.43	1277803.88	675380.74	42.339015	-73.822143
220	C-153	63784+39.43	1274888.78	674326.76	42.331038	-73.826126
220.A	C-154	63808+39.43	1272624.60	673533.57	42.324842	-73.829126
221	C-156	63839+89.43	1269587.09	672781.08	42.316524	-73.831997
222	C-158	63862+39.43	1267394.35	672277.73	42.310517	-73.833921
223	C-160	63885+39.43	1265152.63	671764.16	42.304377	-73.835885
224	C-161	63913+39.43	1262423.17	671140.58	42.296900	-73.838268
225	C-162	63924+39.43	1261352.11	670896.95	42.293966	-73.839199
225.A	C-164	63948+39.43	1259008.32	670395.99	42.287546	-73.841118
226	C-166	63978+39.43	1256126.88	669639.75	42.279655	-73.843995
227	C-167	63999+39.43	1254106.33	669121.04	42.274121	-73.845969
228	C-169	64027+39.43	1251430.00	668312.38	42.266794	-73.849033
228.A	C-171	64059+39.43	1248379.23	667391.13	42.258441	-73.852522
229	C-173	64081+39.43	1246309.81	666755.70	42.252776	-73.854927
229.A	C-175	64110+39.43	1243549.49	665875.22	42.245220	-73.858256

KIEWIT PROJECT NO. 21162

DRAWING NO. G-007

AS SHOWN DATE

8 OF XXX

DEWATERING METHODS BEDDING AND BACKFILLING METHODS

DREDGING

CONVERTER STATION AND SUBSTATION REQUIREMENTS

RIGHT OF WAYS AND EASEMENTS

RIGHT OF WAY CLEARING

BUILDING AND STRUCTURE REMOVAL

ACCESS ROADS

DRIVEWAY ACCESS DURING CONSTRUCTION

ACCESS THROUGH WETLANDS OR STREAMS

ACCESS THROUGH AGRICULTURAL LANDS

DRAIN LINES AND UNDER DRAINS WITHIN AGRICULTURAL LANDS

SOIL MANAGEMENT PLAN

CULVERT REPLACEMENT

4.4.6

4.4.7

NOTE APPLICABLE FOR THIS SEGMENT

NOTE APPLICABLE FOR THIS SEGMENT

4.7

4.8 (SEE ALSO SECTION 8)

4.9

4.10

4.10.2

4.10.3

4.10.4

4.10.5

4.11 AND APPENDIX L

4.12

TABLE 4 SUMMARIZES THE CONSTRUCTION METHODS AND ASSOCIATED SUBSECTIONS THAT SUMMARIZE THE MEASURES AND STANDARDS THAT WILL BE FOLLOWED WITHIN SEGMENT 10.

SECMENT 10 - HOD INFORMATION AND ADJACENT STRUCTURES

<u>SEGI</u>	SEGMENT 10 - HDD INFORMATION AND ADJACENT STRUCTURES									
		TABLE 4-1 - :	SEGMENT 10 HDD LOCATIONS							
HDD #	SHEET	LENGTH (FEET)	LOCATION (APPROXIMATE -SEE APPENDIX C FOR DETAILS)	PURPOSE						
91	C-101 TO C-102	552	STA 60009+50 TO 60017+00	US ROUTE 9W CROSSING						
91.A	C-103 TO C-104	1,611	STA 60042+50 TO 60058+50	OLD RAVENA ROAD CROSSING						
92 AND 92.A	C-107 TO C-109	2,092	STA 60099+50 TO 60120+00	AVOID COEYMANS CREEK AND OLD RAVENA ROAD						
93	C-111 TO C-112	1,667	STA 60154+50 TO 60171+50	AVOID TELECOM AND WETLAND						
93.A	C-112	745	STA 60172+50 TO 60179+50	AVOID CULVERTS						
94	C-117 TO C-118	1,163	STA 61244+00 TO 61255+50	MAIN STREET CROSSING						
95	C-119 TO C-120	1,244	STA 60283+50 TO 60295+50	AVOID EXISTING STORM DRAIN						
96.XX	C-123 TO C-124	2,125	STA 60331+50 TO 60353+00	NEW BALTIMORE ROAD CROSSING						
96.A AND 96.B	C-126 TO C-127	1,499	STA 61375+00 TO 61390+00	AVOID HANNACROIS CREEK						
97	C-128	445	STA 61414+50 TO 61418+50	STATE ROUTE 144 CROSSING						
97.A	C-129 TO C-130	1,750	STA 62428+00 TO 62445+50	AVOID STREAMS AND TERRAIN						
98	C-132	924	STA 62468+00 TO 62477+00	AVOID EXISTING STORM DRAIN						
99	C-133 TO C-134	1,609	STA 62480+50 TO 62496+50	CROSS CSX TRACKS						
99.A	C-134 TO C-136	2,725	STA 62503+00 TO 62530+00	NYS THRUWAY CROSSING						
101	C-136 AND C-137	1,126	STA 62535+00 TO 62546+50	AVOID CULVERT						
101.A	C-139	695	STA 62575+50 TO 62582+50	AVOID RAVINE AND STREAM						
102	C-140 TO C-142	2,429	STA 62595+50 TO 62620+00	COXSACKIE CREEK CROSSING						
103 AND 104	C-144 TO C-146	1,941	STA 62667+00 TO 62686+00	CROSS RAILROAD TRACKS AND MANSION STREET CROSSING						
105	C-147	532	STA 62693+00 TO 62699+00	AVOID CULVERT AND UTILITIES						
107A	C-150 TO C-150A	820	STA 62745+00 TO 62753+00	CROSS RAILROAD TRACKS, AVOID UTILITIES						
108	C-155 AND C-156	2,550	STA 63812+00 TO 63837+50	CROSS MURDERERS CREEK						
109	C-162	557	STA 63917+00 TO 63922+00	AVOID CULVERT						
110	C-163 AND C-164	1,156	STA 63934+50 TO 63946+00	AVOID WETLAND						
111	C-164 AND C-165	1,126	STA 63953+00 TO 63964+00	SCHOHARIE TURNPIKE CROSSING						
111.A	C-173 AND C-174	2,182	STA 64085+00 TO 64106+50	AVOID STATE STREAM AND WETLANDS						

2						
<u>SEGMEN</u>	T 10 – HDI	D INFORMAT	ΓΙΟΝ	AND ADJAC	CENT STRUC	TURES
	SUMMARY OF PACEL OF HDD OPERATIONS	S WITHIN 100 FEET]	HDD 102	41.00-5-3	C-140 TO C
HDD #	PARCEL NUMBER	SHEET	-	HDD 102	41.00-1-25	C-140 TO C
HDD 91	133.00-9-1.1	C-101 TO C-102		HDD 102	41.00-1-24.1	C-140 TO C
HDD 91	133.00-1-28.1	C-101 TO C-102	1	HDD 103 & 104	56.10-2-46.1	C-144 TO C
HDD 91.A	1443-1	C-103 TO C-104	1	HDD 103 & 104	56.10-1-6	C-144 TO C
HDD 91.A	133.00-1-33	C-103 TO C-104	1	HDD 103 & 104	56.10-2-53	C-144 TO C
HDD 91.A	133.00-1-32	C-103 TO C-104	-	HDD 103 & 104	56.10-2-7	C-144 TO C
				HDD 103 & 104	56.14-2-2	C-144 TO C
HDD 91.A	1441-16	C-103 TO C-104		HDD 103 & 104	56.10-2-40	C-144 TO C
HDD 91.A	144.—1—17	C-103 TO C-104		HDD 103 & 104	56.10-2-46.2	C-144 TO C
HDD 91.A	144.–1–15	C-103 TO C-104		HDD 103 & 104	56.09-1-10.2	C-144 TO C
HDD 91.A	133.00-1-34	C-103 TO C-104		HDD 103 & 104	56.10-2-36	C-144 TO C
HDD 91.A	133.00-1-35	C-103 TO C-104		HDD 103 & 104	56.10-2-54	C-144 TO C
HDD 91.A	1441-14	C-103 TO C-104]			
HDD 91.A	1441-13	C-103 TO C-104	1	HDD 103 & 104	56.14-2-39	C-144 TO C
HDD 91.A	133.00-1-35	C-103 TO C-104	-	HDD 103 & 104	56.14-1-18	C-144 TO C
HDD 91.A	1441-18	C-103 TO C-104	•	HDD 103 & 104	56.10-2-37	C-144 TO C
HDD 92 & 92.A	1441-29	C-107 TO C-109	-	HDD 103 & 104	56.14-2-1	C-144 TO C
1100 32 & 32.A	177. 1 23	0 107 10 0 109	-	HDD 103 & 104	56.10-2-52.112	C-144 TO C

144.-1-24 | C-107 TO C-109

156.-2-1.11 | C-111 TO C-112

168.40-1-25 | C-117 TO C-118

168.10-5-1 | C-117 TO C-118

168.40-1-19 | C-117 TO C-118

168.40-1-17.1 | C-117 TO C-118

168.40-1-20.1 | C-117 TO C-118

168.10-7-18 | C-117 TO C-118

168.10-7-9.1 | C-117 TO C-118 168.40-1-22 | C-117 TO C-118

168.40-1-24 | C-117 TO C-118

168.10-4-13 | C-117 TO C-118

168.10-4-12 | C-117 TO C-118

168.10-4-15.1 | C-117 TO C-118

168.40-1-21 | C-117 TO C-118

168.-2-26 | C-119 TO C-120

168.-2-24.8 | C-119 TO C-120

17.01-2-30 | C-126 TO C-127

C-126 TO C-127

C-126 TO C-127

C-126 TO C-127

C-123 TO C-124

C-123 TO C-124 C-123 TO C-124

C-123 TO C-124

C-128

C-128

C-128

C-128

C-132

C-132

C-133 TO C-134

C-133 TO C-134

C-134 TO C-136

C-134 TO C-136 C-136 AND

C-137 C-136 AND

C-137

C-139

C-139 C-140 TO C-142

C-140 TO C-142

41.00-5-6.2 | C-140 TO C-142

41.00-5-6.11 | C-140 TO C-142

7.03 - 2 - 23

7.00-6-1

7.03-2-10

7.03-2-1

7.03 - 2 - 4

7.03 - 2 - 217.03-2-2

7.01-2-15

7.01-2-21

7.03-2-22

7.03-2-25

7.01-2-17

7.01-2-10

17.01-3-4

17.01-2-2

17.00-2-10

17.03-2-28

29.01-2-19

17.03-2-27

29.01-2-8

29.01-2-15

29.01-2-11

29.00-3-20

29.00-3-17

29.00-3-16

41.00-1-29

41.00-1-30

41.00-5-29

41.00-5-26

C-112

C-112

C-112

156.-2-1.41

156.-2-1.12

156.-2-1.42

HDD 92 & 92.A

HDD 93

HDD 93A

HDD 93A

HDD 93A

HDD 94

HDD 94 HDD 94

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HDD 95

HDD 95

HDD 96.A & 96.B

HDD 96.A & 96.B

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HDD 101.A

HDD 102

HDD 102

HDD 102

HDD 102

HDD 103 & 104 HDD 105 HDD 107	56.10-1-6 56.10-2-53 56.10-2-7 56.14-2-2 56.10-2-40 56.10-2-46.2 56.09-1-10.2 56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-35 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-8 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6 56.18-1-5	C-144 TO C-146
HDD 103 & 104 HDD 103 & 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 105	56.10-2-7 56.14-2-2 56.10-2-40 56.10-2-46.2 56.09-1-10.2 56.10-2-54 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-35 56.10-2-35 56.10-2-35 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 105	56.14-2-2 56.10-2-40 56.10-2-46.2 56.09-1-10.2 56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-35 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-2-41 56.14-1-19 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-40 56.10-2-46.2 56.09-1-10.2 56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.14-2-37 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-46.2 56.09-1-10.2 56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.10-1-16 56.14-2-40 56.14-2-41 56.14-2-41 56.14-1-19 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 105 HDD 105	56.09-1-10.2 56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.14-2-37 56.14-4-22 56.14-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-36 56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 105 HDD 105	56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 105 HDD 105	56.10-2-54 56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.14-2-39 56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.14-1-18 56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-37 56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.14-2-1 56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-52.112 56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-35 56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 TO C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-34 56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-1-12 56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-6 56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-1-5 56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-52.111 56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105	56.10-2-38 56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 104 HDD 103 & 104 HDD 103 & 104 HDD 105	56.10-1-7 56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 104 HDD 103 & 104 HDD 105	56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 104 HDD 103 & 104 HDD 105	56.10-1-16 56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-146 C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 103 & 104 HDD 105	56.14-2-40 56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 103 & 104 HDD 105 HDD 107	56.14-2-41 56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-144 TO C-146 C-147 C-147 C-147 C-147
HDD 105 HDD 107	56.14-1-19 56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-147 C-147 C-147 C-147
HDD 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 105 HDD 107	56.18-1-18 56.14-2-37 56.14-4-22 56.18-1-6	C-147 C-147 C-147
HDD 105 HDD 105 HDD 105 HDD 105 HDD 107	56.14-2-37 56.14-4-22 56.18-1-6	C-147 C-147
HDD 105 HDD 105 HDD 105 HDD 107	56.14-4-22 56.18-1-6	C-147
HDD 105 HDD 105 HDD 107	56.18-1-6	
HDD 105 HDD 107		C-147
HDD 107	56.18-1-5	
		C-147
	71.00-1-1	C-150 TO
HDD 107	71.00 1 1	C-150A
-	71.00-1-24	C-150 TO C-150A
UDD 107	71.00 1.0	C-150 TO
HDD 107	71.00–1–2	C-150A
HDD 107	71.00-1-23	C-150 TO
		C-150A C-150 TO
HDD 107	71.00-4-1	C-150A
HDD 107	56.17-1-4	C-150 TO
ו טטח וט/	50.17-1-4	C-150A
HDD 107	71.00-4-3.2	C-150 TO C-150A
		C-150A C-150 TO
HDD 107	71.00–1–37	C-150 TO
HDD 107	71.00-1-22	C-150 TO
1.55 107	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	C-150A
HDD 108	88.00-1-41	C-155 AND C-156
1100 400	00.00.4.0	C-155 AND
HDD 108	88.00-1-2	C-156
HDD 109	104.00-4-29	C-162
HDD 109	104.00-4-33.1	C-162
HDD 109	104.00-4-34.1	C-162
HDD 109	104.00-4-34.1	C-162
HDD 109	104.00-4-33.1	C-162
		C-163 AND
HDD 110	104.00-4-32	C-164
HDD 111	104.00-4-28	C-164 AND
	+	C-165 C-164 AND
HDD 111	104.00-4-39	C-164 AND C-165
HDD 111	104.00-4-27.2	C-164 AND
111	.51.00 1 27.2	C-165
HDD 111	104.00-4-27.2	C-164 AND C-165
LIDD 444 A	170.00 4.70	C-173 AND
HDD 111.A	139.00-4-36	C-174
HDD 111.A	139.00-2-13	C-173 AND
		C-174 C-173 AND
HDD 111.A	139.00-4-37	C-173 AND C-174
HDD 111.A	139.00-4-39	C-173 AND
ווו טטוו אווו.א	109.00-4-09	C-174
HDD 111.A	139.00-10-10.1	C-173 AND C-174
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41.00-5-3 | C-140 TO C-142

41.00-1-25 | C-140 TO C-142

41.00-1-24.1 | C-140 TO C-142

56.10-2-46.1 | C-144 TO C-146

0011117	TA		ABLE 4-4 -FACILITY ROW (0148150 515	TVDE DE ELE
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMEN
ALBANY	BETHLEHEM		ROUTE 9W	60011+05	60012+20	PUBLIC	PERMANENT
ALBANY	BETHLEHEM		ROUTE 9W	60011+55	60012+50	PUBLIC	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	BETHLEHEM	133.00-1-28.1	MJP DEVELOPMENT GROUP LLC	60015+50	60017+05	PRIVATE	TEMPORARY CONSTRU
ALBANY	BETHLEHEM	133.00-1-30	JOHN M. VADNEY	60033+31	60036+75	PRIVATE	TEMPORARY CONSTRU
ALBANY	BETHLEHEM	109.00-4-1.1	NIAGRA MOHAWK POWER CORP.	60038+37	60038+55	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	BETHLEHEM	133.00-1-31	DAWN L. LIUZZI	60038+55	60038+67	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	BETHLEHEM	133.00-1-32	RICHARD H. KASER JR.	60038+67	60038+95	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	BETHLEHEM	133.00-1-30	JOHN M. VADNEY	60039+57	60039+63	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	COEYMANS	1441-10	BORGER, PAUL O JR	60046+21	60049+45	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-13	A.E.DELI PLUS, INC.	60049+45	60051+45	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-14	DAVID P. FRUEH	60051+45	60051+75	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-18	WESTCONN RECYCLING LLC	60057+53	60062+17	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-19	SATINA NOBLE	60062+17	60063+64	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-20	ROBERT J. STILLWELL	60063+64	60065+17	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-24	PASTURES OF ALBANY LLC	60076+77	60090+70	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	COEYMANS	144.—1—24	PASTURES OF ALBANY LLC	60090+50	60090+70	PRIVATE	PERMANENT
ALBANY	COEYMANS	1441-24	PASTURES OF ALBANY LLC	60082+00	60090+70	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-24	PASTURES OF ALBANY LLC	60097+67	60100+72	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS		OLD RAVENA ROAD	60110+30	60112+16	PUBLIC	PERMANENT
ALBANY	COEYMANS	1441-29	GEORGE LAMOUNTAIN	60112+16	60123+56	PRIVATE	PERMANENT
ALBANY	COEYMANS	1441-29	GEORGE LAMOUNTAIN	60118+77	60123+39	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-29	GEORGE LAMOUNTAIN	60119+08	60123+39	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-51	KAREN VITKUS	60123+56	60125+65	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1441-51	KAREN VITKUS	60123+56	60125+65	PRIVATE	PERMANENT
ALBANY	COEYMANS	1441-51	KAREN VITKUS	60123+56	60125+65	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60125+65	60128+10	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60125+65	60128+18	PRIVATE	PERMANENT
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60125+65	60148+05	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1562-3	FRANK WHITING	60149+16	60149+48	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60149+48	60155+01	PRIVATE	TEMPORARY CONSTRU
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60168+45	60173+15	PRIVATE	PERMANENT
ALBANY	COEYMANS	1562-1.11	ATLANTIC CEMENT CO	60168+55	60172+55	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	COEYMANS	1562-1.41	GINA AL-MAHDI	60169+05	60169+31	PRIVATE	TEMPORARY CONSTRU (ACCESS RD)
ALBANY	COEYMANS	1562-1.42	RAVENA SECURE STORAGE LLC	60173+15	60177+45	PRIVATE	PERMANENT
ALBANY	COEYMANS	1562-1.12	JODY LISA	60179+31	60192+93	PRIVATE	TEMPORARY CONSTRU
ALBANY	RAVENA		WINNIE AVE.	60192+15	60193+76	PRIVATE	TEMPORARY CONSTRU
ALBANY	RAVENA	1565-32	MONICA GREATHOUSE	60192+25	60193+76	PRIVATE	TEMPORARY CONSTRU
ALBANY	RAVENA	1565-36	FRANK P. MILANO	60203+30	60204+53	PRIVATE	TEMPORARY CONSTRU
ALBANY	RAVENA	1565-36	FRANK P. MILANO	60203+85	60204+57	PRIVATE	PERMANENT

CHPE Wit **Power Express**



FOR INFORMATION, SEE AND CONSTRUCTION PLAN NARRATIVE.

IT IS A VIOLATION OF LAW FOR ANY ARE ACTING UNDER THE DIRECT OR LAND SURVEYOR TO ALTER AN ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION DB | APP | DRAWN BY: SUBMITTAL / REVISION DESCRIPTION

SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL EM&CP TABLES 1 OF 8

APPROVED BY:

DESIGNED BY:

DRAWING NO.

G-010

AS SHOWN DATE

		TABLE	4-4 -FACILITY ROW OWN	IERSHIP FOR S	SEGMENT 10		
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
ALBANY	RAVENA	1565-37	SECOND GARDEN PARK	60204+57	60212+48	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	1565-37	SECOND GARDEN PARK	60204+57	60205+57	PRIVATE	PERMANENT
ALBANY	RAVENA	1565-37	SECOND GARDEN PARK	60218+50	60219+62	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.6-3-11.1	A PLUS MANAGEMENT, SERVICES, INC	60230+93	60236+23	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.6-3-11.1	A PLUS MANAGEMENT, SERVICES, INC	60233+75	60235+45	PRIVATE	PERMANENT
ALBANY	RAVENA		RAILROAD AVENUE	60239+80	61247+60	PUBLIC	TEMPORARY CONSTRUCTION
ALBANY	RAVENA		RAILROAD AVENUE	61248+23	61249+20	PUBLIC	PERMANENT
ALBANY	RAVENA	168.40-1-20.1	DANIEL BURNS	61246+30	61246+42	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	100 10 1 171	RUSSELL PLACE	61246+42	61246+64	PUBLIC	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	168.40-1-17.1	DANIEL BURNS MILKAS CORP	61246+64	61247+10	PRIVATE PRIVATE	TEMPORARY CONSTRUCTION
ALBANY ALBANY	RAVENA RAVENA	168.40-1-19	MAIN STREET	61247+10 61249+17	61247+40 61249+76	PUBLIC	TEMPORARY CONSTRUCTION PERMANENT
ALBANY	RAVENA		GEDNEY AVENUE	61250+12	61251+80	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.10-7-6	PERISCO OIL COMPANY	61250+12	61251+80	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.10-7-9.1	BRIAN HOTALING	61251+78	61254+38	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.10-7-18	H & H LAND HOLDING CORP	61253+98	61266+90	PRIVATE	PERMANENT
ALBANY	RAVENA	168.10-7-18	H & H LAND HOLDING CORP	61253+70	61266+90	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	168.10-7-18	H & H LAND HOLDING CORP	61255+47	61266+90	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	1682-24.8	H & H LAND HOLDING CORP	61266+90	61283+52	PRIVATE	PERMANENT
ALBANY	COEYMANS	1682-24.8	H & H LAND HOLDING CORP	61266+90	61283+52	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	1682-24.8	H & H LAND HOLDING CORP CENTRAL HUDSON GAS	61266+90	61283+52	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	1682-26	& ELECTRIC	61282+20	61286+84	PRIVATE	PERMANENT
ALBANY	COEYMANS	1682-26	CENTRAL HUDSON GAS & ELECTRIC NEW YORK STATE	61279+80	61283+53	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE		THROUGHWAY ROW NEW YORK STATE	61283+53	61299+86	PUBLIC	PERMANENT
GREENE	NEW BALTIMORE		THROUGHWAY ROW PACKAGE PAVEMENT	61295+61	61299+86	PUBLIC	TEMPORARY CONSTRUCTION TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	1.00-2-3.2	CO INC	61297+00	61304+00	PRIVATE	(LAYDOWN AREA)
GREENE	NEW BALTIMORE	7.01-2-2.1	IRISH FIELDS LLC	61299+86	61319+55	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.01-2-2.1	IRISH FIELDS LLC	61299+86	61319+55	PRIVATE	TEMPORARY CONSTRUCTION
GREENE GREENE	NEW BALTIMORE NEW BALTIMORE	7.01-2-2.1 7.01-2-10	IRISH FIELDS LLC LONG ISLAND TEEN CHALLENGE	61299+86 61319+55	61319+55 61335+45	PRIVATE PRIVATE	TEMPORARY CONSTRUCTION PERMANENT
GREENE	NEW BALTIMORE	7.01-2-10	LONG ISLAND TEEN CHALLENGE	61319+55	61335+45	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.01-2-10	LONG ISLAND TEEN CHALLENGE	61319+55	61335+45	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.01-2-18	WILLIAM E. O'DONNELL	61335+21	61338+38	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.01-2-21	FREDRICK P PECHETTE	61335+45	61338+38	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE		BIRCHWOOD LANE	61338+26	61350+33	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	7.01-2-17	MICHAEL A RADLEY	61338+38	61341+81	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE		NEW BALTIMORE ROAD	61341+81	61343+52	PUBLIC	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-1	ELLER MEDIA	61343+52	61345+00	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-21	CENTRAL HUDSON GAS & ELEC CORP	61345+00	61346+67	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-2	& ELEC CORP	61346+67	61348+40	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-2	& ELEC CORP	61346+79	61348+63	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.03-2-25	THE VILLAGE OF RAVENA	61347+38	61353+64	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.03-2-4	& ELEC CORP	61348+40	61348+50	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-25	VILLAGE OF RAVENA CLIFTOM PARK	61348+50	61353+64	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-24	MATERIALS GROUP L CLIFTON PARK	61350+37	61356+71	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.03-2-22	MATERIALS GROUP L	61353+64	61355+00	PRIVATE	PERMANENT

		TABLE	4-4 -FACILITY ROW OWN	IERSHIP FOR S	SEGMENT 10		
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
GREENE	NEW BALTIMORE	7.03-2-22	CLIFTOM PARK MATERIALS GROUP L	61353+64	61355+00	PRIVATE	TEMPORARY CONSTRUCTI
GREENE	NEW BALTIMORE	7.03-2-23	CLIFTON PARK MATERIALS GROUP L	61355+00	61375+22	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	7.03-2-23	CLIFTON PARK MATERIALS GROUP L	61355+00	61376+33	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-23	CLIFTON PARK MATERIALS GROUP L	61355+00	61375+22	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	7.00-6-1	ROBERT J. BENNETT	61376+33	61385+15	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	17.01-2-30	SOLAR GENERATION PROJECTS LLC	61388+61	61400+35	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	17.01-2-30	SOLAR GENERATION PROJECTS LLC	61387+55	61400+48	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	17.01-2-2	BARRY M. GUPTILL	61400+35	61415+00	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	17.01-2-2	BARRY M. GUPTILL	61400+48	61415+48	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	17.03-2-28	PAUL SCHILLER	61413+37	62465+34	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	17.01-3-4	UNKNOWN LAND OWNER	61413+00	61418+00	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE		STATE ROUTE 144	61415+50	61418+00	PUBLIC	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE		STATE ROUTE 144	61415+50	61417+00	PUBLIC	PERMANENT
GREENE	NEW BALTIMORE	17.03-2-28	PAUL SCHILLER	61417+00	62465+34	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	17.03-2-28	PAUL SCHILLER	62443+78	62450+43	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	17.03-2-28	PAUL SCHILLER NEW BALTIMORE	62452+60	62457+74	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	17.03-2-27	STATION LLC	62454+90	62455+68	PRIVATE	TEMPORARY CONSTRUCT
GREENE GREENE	NEW BALTIMORE NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR PETER DEFIGLIO JR	62465+34 62465+34	62468+28 62490+48	PRIVATE PRIVATE	TEMPORARY CONSTRUCT PERMANENT
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62465+53	62476+80	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62476+60	62481+15	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	29.01-2-15	US ROUTE 9W LLC	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-18	TARA C KLEIN	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-5.1	RYAN F HOBART	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-5.2	ROBERT E ARNOLD	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-3	EWALD E AIERLE	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-2	CHARLES D SELL	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-8	JOSEPH A. LOUX REV. TRUST	62494+68	62503+08	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.01-2-8	JOSEPH A. LOUX REV. TRUST	62496+30	62503+08	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	29.01-2-21	KENNETH A OVERBAUGH	62500+50	62501+50	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-12	KENNETH A OVERBAUGH	62500+50	62501+50	PRIVATE	TEMPORARY CONSTRUCT (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-11	JEROME O. STERRIT ESTATE	62503+08	62504+92	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.01-2-11	JEROME O. STERRIT ESTATE	62503+08	62503+35	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE		NEW YORK STATE THRUWAY	62504+92	62511+00	PUBLIC	PERMANENT
GREENE	NEW BALTIMORE	29.00-3-20	JEROME O. STERRIT ESTATE	62510+50	62513+52	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.00-3-17	ALFRED SUWARA	62521+50	62537+12	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.00-3-17	ALFRED SUWARA	62530+00	62537+12	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	29.00-3-16	BHINISH SHAH	62537+12	62537+32	PRIVATE	PERMANENT
GREENE GREENE	NEW BALTIMORE NEW BALTIMORE	29.00-3-16 29.00-3-16	BHINISH SHAH BHINISH SHAH	62537+12 62547+90	62557+60 62557+60	PRIVATE PRIVATE	TEMPORARY CONSTRUCT PERMANENT
GREENE	NEW BALTIMORE	41.00-1-2	NEW BALTIMORE SUNNY FARMS	62547+90	62557+60	PRIVATE	TEMPORARY CONSTRUCT
GREENE	NEW BALTIMORE	41.00-1-2	NEW BALTIMORE	62557+60	62570+50	PRIVATE	PERMANENT
ONLLINE	NEW BALTIMORE	41.00-1-2	SUNNY FARMS NEW BALTIMORE SUNNY FARMS	62557+60	62570+50	PRIVATE	TEMPORARY CONSTRUCT
GREENE			NEW BALTIMORE	62570+50	62576+00	PRIVATE	TEMPORARY CONSTRUCT
	NEW BAI TIMORF	41.00-1-30		023707.10	020/0100		. ,
GREENE GREENE GREENE	NEW BALTIMORE NEW BALTIMORE	41.00-1-30	SUNNY FARMS NEW BALTIMORE SUNNY FARMS	62570+50	62579+83	PRIVATE	PERMANENT

		PARCEL		STATION	STATION	OWNER	
COUNTY	TOWN	NUMBER	PROPERTY OWNER	START	END	TYPE	TYPE OF EASEMENT
GREENE	NEW BALTIMORE	41.00-1-29	NANCY J MCOWEN TRUST	62579+83	62591+00	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-29	NANCY J MCOWEN TRUST	62579+83	62591+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-29	NANCY J MCOWEN TRUST	62579+83	62591+00	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	41.00-1-25	NEW BALTIMORE SUNNY FARMS	62591+00	62596+12	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-25	NEW BALTIMORE SUNNY FARMS	62591+00	62596+12	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-25	NEW BALTIMORE SUNNY FARMS	62593+60	62595+82	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-24.1	NEW BALTIMORE SUNNY FARMS	62596+12	62606+84	PRIVATE	PERMANENT
GREENE	COXSACKIE	41.00-5-3	NEW BALTIMORE SUNNY FARMS	62606+84	62611+94	PRIVATE	PERMANENT
GREENE	COXSACKIE	41.00-5-6.2	GREENE COUNTY IDA	62611+34	62614+50	PRIVATE	PERMANENT
GREENE	COXSACKIE	41.00-5-6.11	WILLIAM MABEE	62616+50	62640+80	PRIVATE	PERMANENT
GREENE	COXSACKIE	41.00-5-6.11	WILLIAM MABEE	62618+50	62640+80	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	41.00-5-8	RICHARD CURE	62640+80	62641+25	PRIVATE	PERMANENT
GREENE	COXSACKIE	41.00-5-8	RICHARD CURE	62640+80	62641+25	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE		RIVER RD.	62641+25	62660+50	PUBLIC	PERMANENT
GREENE	COXSACKIE		RIVER RD.	62639+00	62660+50	PUBLIC	TEMPORARY CONSTRUCTIO
					62666+75		
GREENE	COXSACKIE		LAWRENCE AVE.	62660+50		PUBLIC	PERMANENT TEMPOPARY CONSTRUCTION
GREENE	COXSACKIE	EC 40 0 =	LAWRENCE AVE.	62660+50	62666+75	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	56.10-2-7	RAY RUSSELL	62640+80	62641+25	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-7	RAY RUSSELL	62665+50	00626+68	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	56.10-2-53	RAY RUSSELL	62665+65	62668+00	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-53	RAY RUSSELL	62665+65	62668+00	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	56.10-2-52.111	JUDITH L. KANE	62665+65	62668+15	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-52.111	JUDITH L. KANE	62665+65	62668+15	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	56.10-2-52.11 2	C&S PROPERTIES OF NY LLC	62668+15	62670+40	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-46.1	ILONA KASSAY	62670+40	62675+30	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-46.2	RICHARD P. SITCER, IV	62670+40	62675+30	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-40	JEFFERY HOBART	62675+30	62677+10	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-37	THOMAS M HOBART	62677+10	62678+55	PRIVATE	PERMANENT
GREENE	COXSACKIE		STATE ROUTE 385	62678+55	62679+25	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.10-2-34	VILLAGE OF COXSACKIE	62679+25	62681+90	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	56.10-2-34	VILLAGE OF COXSACKIE	62679+25	62681+90	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.14-2-1	ROBERT T. DELUCA	62681+90	62682+57	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	56.14-2-1	ROBERT T. DELUCA	62681+90	62682+57	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.18–1–6	COXSACKIE—ATHENS CENTRAL SCHOOL	62694+40	62695+20	PUBLIC	PERMANENT
GREENE	COXSACKIE	56.14-1-19	DAY ROSS HOLDINGS LLC	62696+60	62697+25	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.14-1-19	DAY ROSS HOLDINGS	62696+60	62697+25	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	COXSACKIE	56.18-1-18	LLC GREENE COUNTY	62697+25	62708+30	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	56.18-1-18	INDUSTRIAL DEV. GREENE COUNTY	62697+25	62708+30	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.18-1-18	INDUSTRIAL DEV. GREENE COUNTY	62697+25	62708+30	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	56.18-1-19	INDUSTRIAL DEV. TOWN OF COXSACKIE	62696+60	62697+25	PUBLIC	TEMPORARY CONSTRUCTIO
		30.13	BAILEY				(ACCESS RD)
GREENE	COXSACKIE		STREET/SUNSET BLVD BAILEY	62708+80	62716+95	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		STREET/SUNSET BLVD BAILEY	62708+80	62716+95	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		STREET/SUNSET BLVD	62708+80	62716+95	PUBLIC	PERMANENT
GREENE	COXSACKIE	71.00-1-1	NYS URBAN DEV CORP	62716+95	62735+80	PRIVATE	PERMANENT
GREENE	COXSACKIE	71.00-1-1	NYS URBAN DEV CORP	62716+95	62735+80	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	71.00-1-23	STATE OF NEW YORK	62735+80	62746+75	PRIVATE	PERMANENT
GREENE	COXSACKIE	71.00-1-23	STATE OF NEW YORK	62735+80	62749+00	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE		FLINT MINE ROAD	62749+00	62749+50	PUBLIC	TEMPORARY CONSTRUCTIO
GREENE				62749+00			
	COXSACKIE		FLINT MINE ROAD		62749+50	PUBLIC	PERMANENT
GREENE	COXSACKIE	74.55	FLINT MINE ROAD	62749+00	62749+50	PUBLIC	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PRIVATE	TEMPORARY CONSTRUCTIO
GREENE	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PRIVATE	PERMANENT
	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	OOMOMOME					ı	





FOR INFORMATION, SEE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION			CHAN SEGMENT
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN BY:
	·				·

CHAMPLAIN HUDSON POWER EXPRESS GMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL EM&CP TABLES 2 OF 8

APPROVED BY:

DESIGNED BY:

21162 DRAWING NO.

KIEWIT PROJECT NO.

G-011

AS SHOWN DATE

11 OF XXX

GREENE COXSACKIE 71.00-4-11 JOHN P FLACH GREENE COXSACKIE 71.00-4-11 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63761+60 63761+60 63794+91 63794+91	STATION END 63794+91 63794+91	OWNER TYPE PRIVATE	TYPE OF EASEMENT PERMANENT
GREENE COXSACKIE 71.00-4-11 JOHN P FLACH GREENE COXSACKIE 71.00-4-11 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63761+60 63761+60 63794+91 63794+91	63794+91	TYPE PRIVATE	
GREENE COXSACKIE 71.00-4-11 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63761+60 63794+91 63794+91			PERMANENT
GREENE COXSACKIE 71.00-4-10 JOHN P FLACH GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63794+91 63794+91	63794+91		TEMPORARY
GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63794+91		PRIVATE	CONSTRUCTION
		63803+82	PRIVATE	TEMPORARY CONSTRUCTION
ODEENIE 0000 A 000 74 00 4 10 1000 75 1000		63803+82	PRIVATE	PERMANENT TEMPORARY
GREENE COXSACKIE 71.00-4-10 JOHN P FLACH	63794+91	63803+82	PRIVATE	CONSTRUCTION
GREENE COXSACKIE 88.00-1-1 RYAN WILLIAMS	63803+82	63806+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 88.00-1-1 RYAN WILLIAMS	63803+82	63806+48	PRIVATE	PERMANENT
GREENE COXSACKIE 88.00-1-1 RYAN WILLIAMS	63803+82	63806+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 88.00-1-2 RYAN WILLIAMS	63806+48	63812+49	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 88.00-1-2 RYAN WILLIAMS 6	63806+48	63816+60	PRIVATE	PERMANENT
GREENE COXSACKIE 88.00-1-2 RYAN WILLIAMS	63806+48	63812+49	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 88.00-1-46 STEPHEN RITTER	63816+60	63817+25	PRIVATE	PERMANENT
	63817+20	63817+70	PUBLIC	PERMANENT
	63817+70 63836+85	63841+46 63841+46	PRIVATE PRIVATE	PERMANENT TEMPORARY
				CONSTRUCTION TEMPORARY
GREENE COXSACKIE 88.00.1-45 STEPHEN RITTER	63836+85	63841+46	PRIVATE	CONSTRUCTION
GREENE COXSACKIE 87.00-4-6 LAWRENCE B GOVEL 6	63841+46	63843+46	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-6 LAWRENCE B GOVEL 6	63841+46	63843+46	PRIVATE	PERMANENT
GREENE COXSACKIE 87.00-4-6 LAWRENCE B GOVEL 6	63841+46	63843+46	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-7.1 GILBERT A PALMER 6	63843+46	63852+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-7.1 GILBERT A PALMER	63843+46	63852+48	PRIVATE	PERMANENT
GREENE COXSACKIE 87.00-4-7.1 GILBERT A PALMER	63843+46	63852+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-7.2 RICHARD PALMER	63852+48	63854+40	PRIVATE	TEMPORARY
	63852+48	63854+40	PRIVATE	CONSTRUCTION PERMANENT
	63852+48	63854+40	PRIVATE	TEMPORARY
	63854+40	63863+70	PRIVATE	CONSTRUCTION PERMANENT
	63854+40	63863+70	PRIVATE	TEMPORARY
				CONSTRUCTION TEMPORARY
	63854+40	63863+70	PRIVATE	CONSTRUCTION
GREENE COXSACKIE 87.00-4-22 BLASCHKE FAMILY FARM LLC	63863+70	63873+48	PRIVATE	PERMANENT
GREENE COXSACKIE 87.00-4-22 BLASCHKE FAMILY FARM LLC	63863+70	63873+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-22 BLASCHKE FAMILY FARM LLC	63863+70	63873+48	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-9 JOHN BLASCHKE	63873+48	63875+82	PRIVATE	PERMANENT
GREENE COXSACKIE 87.00-4-9 JOHN BLASCHKE	63873+48	63875+82	PRIVATE	TEMPORARY CONSTRUCTION
GREENE COXSACKIE 87.00-4-9 JOHN BLASCHKE	63873+48	63875+82	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-1 JOHN BLASCHKE	63875+82	63897+62	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-1 JOHN BLASCHKE	63875+82	63897+62	PRIVATE	PERMANENT
GREENE ATHENS 104.00-4-1 JOHN BLASCHKE	63875+82	63897+62	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-37 JOHN O REXFORD	63897+62	63903+59	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-37 JOHN O REXFORD	63897+62	63903+59	PRIVATE	PERMANENT
GREENE ATHENS 104.00-4-37 JOHN O REXFORD	63897+62	63903+59	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-35.2 JOSHUA J HODOR	63903+59	63911+46	PRIVATE	TEMPORARY CONSTRUCTION
GREENE ATHENS 104.00-4-35.2 JOSHUA J HODOR	63903+59	63911+46	PRIVATE	PERMANENT
GREENE ATHENS 104.00-4-35.2 JOSHUA J HODOR 6	63903+59	63911+46	PRIVATE	TEMPORARY CONSTRUCTION
DERORAH A TAYLOR	63911+46	63919+78	PRIVATE	PERMANENT
GREENE ATHENS 104.00-4-34.1 DEBORAH A. TAYLOR -LIFE US	63911+46	63917+45	PRIVATE	TEMPORARY CONSTRUCTION

COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER	TYPE OF EASEMENT
			DEBORAH A. TAYLOR			TYPE	TEMPORARY
GREENE	ATHENS	104.00-4-34.1	-LIFE US	63911+46	63917+45	PRIVATE	CONSTRUCTION
GREENE	ATHENS	104.00-4-33.1	EDWIN P HODOR -TRUST	63919+78	63930+38	PRIVATE	PERMANENT
GREENE	ATHENS	104.00-4-29	CENTRAL HUDSON GAS AND ELECTRIC	63919+78	63930+38	PRIVATE	PERMANENT
GREENE	ATHENS	104.00-4-33.1	EDWIN P HODOR -TRUST	63922+50	63930+38	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-29	CENTRAL HUDSON GAS AND ELECTRIC	63922+50	63930+38	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-32	THOMAS MCMANUS	63930+38	63946+25	PRIVATE	PERMANENT
GREENE	ATHENS	104.00-4-32	THOMAS MCMANUS	63930+38	63946+25	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-32	THOMAS MCMANUS	63930+38	63954+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-44	ATHENS REAL ESTATE LLC	63930+38	63954+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-39	CENTRAL HUDSON GAS AND ELECTRIC	63946+25	63954+00	PRIVATE	PERMANENT
GREENE	ATHENS	104.00-4-39	CENTRAL HUDSON GAS AND ELECTRIC	63946+25	63953+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-4-39	CENTRAL HUDSON GAS AND ELECTRIC	63946+25	63952+81	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS		SCHOHARIE TPKE	63954+00	63955+00	PUBLIC	PERMANENT
GREENE	ATHENS	104.00-4-27.2	GREENE COUNTY IDA	63955+00	63965+00	PUBLIC	PERMANENT
GREENE	ATHENS	104.00-4-28	NATIONAL PROPANE LP	63962+63	63967+00	PRIVATE	PERMANENT
GREENE	ATHENS	104.00-4-28	NATIONAL PROPANE LP	63963+81	63967+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	104.00-5-14.2	JR DESCHAINE HOLDING LLC	63964+42	63969+53	PRIVATE	TEMPORARY CONSTRUCTION (LAYDOWN AREA)
GREENE	ATHENS	121.00-4-50	ROBERT HOFFMAN	63979+13	63986+60	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-4-50	ROBERT HOFFMAN	63979+13	63986+60	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-4-50	ROBERT HOFFMAN	63979+13	63986+60	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-4-65	GERARDO PAPANDREA	63986+60	64004+40	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-25	CENTRAL HUDSON GAS AND ELECTRIC	63986+60	64061+00	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-25	CENTRAL HUDSON GAS AND ELECTRIC	63986+60	64061+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-4-65	GERARDO PAPANDREA	63986+60	64004+40	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-4-65	GERARDO PAPANDREA	63986+60	64004+40	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-19.2	GREEN COUNTY IDA	64004+40	64020+16	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-19.2	GREEN COUNTY IDA	64004+40	64020+16	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-3-22	NIAGARA MOHAWK POWER CORP	64020+16	64033+23	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-22	NIAGARA MOHAWK POWER CORP	64020+16	64033+23	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-3-21.1	NIAGARA MOHAWK POWER CORP	64033+23	64036+00	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-21.1	NIAGARA MOHAWK POWER CORP	64033+23	64036+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-3-22	NIAGARA MOHAWK POWER CORP	64036+00	64047+70	PRIVATE	PERMANENT
GREENE	ATHENS	121.00-3-22	NIAGARA MOHAWK POWER CORP	64036+00	64047+70	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-3-22	NIAGARA MOHAWK POWER CORP	64036+00	64047+70	PRIVATE	TEMPORARY CONSTRUCTION

		T.	ABLE 4-4 -FACILITY ROW (DWNERSHIP FOR SE	GMENT 10		
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
GREENE	ATHENS		LEEDS ATHENS ROAD	64047+70	64048+46	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	ATHENS		LEEDS ATHENS ROAD	64047+70	64048+46	PRIVATE	PERMANENT
GREENE	ATHENS		LEEDS ATHENS ROAD	64047+70	64048+46	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	121.00-3-25	CENTRAL HUDSON GAS AND ELECTRIC	64048+46	64061+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64061+00	64065+15	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64061+00	64065+15	PRIVATE	PERMANENT
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64061+00	64065+15	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-19	NIAGARA MOHAWK POWER CORP	64065+15	64066+58	PRIVATE	PERMANENT
GREENE	ATHENS	139.00-2-19	NIAGARA MOHAWK POWER CORP	64065+15	64066+58	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-19	NIAGARA MOHAWK POWER CORP	64065+15	64066+58	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64066+58	64085+12	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64066+58	64095+75	PRIVATE	PERMANENT
GREENE	ATHENS	139.00-2-13	FAIRVIEW REAL ESTATE LLC	64066+58	64085+12	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	ATHENS	139.00-4-39	MIGUEL ALVARODO	64095+75	64098+00	PRIVATE	PERMANENT
GREENE	ATHENS	139.00-4-36	GLEN LUBERA	64095+75	64098+82	PRIVATE	PERMANENT
GREENE	ATHENS	139.00-4-37	GARDINER REALTY, LLC	64098+82	64103+50	PRIVATE	PERMANENT
GREENE	CATSKILL	139.00-10-10.1	MIGUEL ALVARODO	64103+50	64113+17	PRIVATE	PERMANENT
GREENE	CATSKILL	139.00-10-10.1	MIGUEL ALVARODO	64106+20	64113+17	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	CATSKILL	139.00-10-10.1	MIGUEL ALVARODO	64106+20	64113+17	PRIVATE	TEMPORARY CONSTRUCTION





FOR INFORMATION, SEE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					CL
					SEGM
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION			
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN

CHAMPLAIN HUDSON POWER EXPRESS GMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL EM&CP TABLES 3 OF 8

APPROVED BY:

DESIGNED BY:

KIEWIT PROJECT NO. 21162

G-012

AS SHOWN DATE

DRAWING NO.

ANTICIPATED IMPACTS TO AGRICULTURAL ACTIVITIES/LAND

SOME IMPACTS ARE AVOIDED BY THE HDDS PRESENT IN THIS

AGRICULTURAL LAND. THE HDD WORK AREAS AND SPLICE LOCATIONS WILL REMAIN AS CLOSE TO THE EDGE OF THE FIELD AS

POSSIBLE. ACCESS ROADS WILL BE TIMBER MATTED OR USE

GEOTEXTILE AND STONE. THE ENTIRE AREA WILL BE RESTORED AS

DESCRIBED IN SECTION 14.5.

SOME IMPACTS ARE AVOIDED BY THE HDDS PRESENT IN THIS

AGRICULTURAL LAND. THE HDD WORK AREAS AND SPLICE

LOCATIONS WILL REMAIN AS CLOSE TO THE EDGE OF THE FIELD AS

REACH RIVER ROAD, ALL BMPS WILL BE FOLLOWED. ACCESS ROADS

WILL BE TIMBER MATTED OR USE GEOTEXTILE AND STONE. THE

ENTIRE AREA WILL BE RESTORED AS DESCRIBED IN SECTION 14.5.

THE ALIGNMENT AND SPLICE WORK AREA ARE PLACED AS CLOSE

THE EDGE OF THE ACTIVE FIELD WITH ALL OTHER CONSTRAINTS

CONSIDERED. THE ACCESS ROAD WILL HAVE THE SOIL STRIPPED,

GRAVELED, OR USE TIMBER MATTING AND WILL BE RESTORED IN

ACCORDANCE WITH SECTION 14.5.

THE ALIGNMENT AND SPLICE WORK AREA ARE PLACED AS CLOSE TO

THE EDGE OF THE ACTIVE FIELD WITH ALL OTHER CONSTRAINTS

CONSIDERED. THE ACCESS ROAD WILL HAVE THE SOIL STRIPPED,

GRAVELED, OR USE TIMBER MATTING AND WILL BE RESTORED IN

ACCORDANCE WITH SECTION 14.5.

THE ALIGNMENT AND SPLICE WORK AREA. AND HDD WORK AREA

ARE PLACED AS CLOSE TO THE EDGE OF THE ACTIVE FIELD WITH

ALL OTHER CONSTRAINTS CONSIDERED. SOME IMPACT IS AVOIDED BY

THE HDD IN THIS AREA. THE ACCESS ROAD WILL HAVE THE SOIL

STRIPPED, GRAVELED, OR USE TIMBER MATTING AND WILL BE

RESTORED IN ACCORDANCE WITH SECTION 14.5.

THE ALIGNMENT IS PLACED AS CLOSE TO THE EDGE OF THE ACTIVE

FIELD WITH ALL OTHER CONSTRAINTS CONSIDERED. THE ACCESS

ROAD WILL HAVE THE SOIL STRIPPED, GRAVELED, OR USE TIMBER

MATTING AND WILL BE RESTORED IN ACCORDANCE WITH SECTION 14.5.

THE LOW AVOIDS THE ACTIVE FIELD, THEREFORE THERE IS NO

IMPACT.

THE ALIGNMENT, HDD WORK AREAS, AND SPLICE WORK AREAS ARE

PLACED AS CLOSE TO THE EDGE OF THE ACTIVE FIELD AS POSSIBLE

WHILE ALSO AVOIDING WETLANDS AND UTILITIES, LIMITING IMPACTS

AS MUCH AS POSSIBLE. SOME IMPACT IS AVOIDED BY THE HDD IN

THIS AREA. THE ACCESS ROAD WILL HAVE THE SOIL STRIPPED,

GRAVELED, OR USE TIMBER MATTING AND WILL BE RESTORED IN

ACCORDANCE WITH SECTION 14.5.

THE ALIGNMENT AND SPLICE WORK AREA, AND HDD WORK AREA

ARE PLACED ON THE VERY EDGE OF THE ACTIVE FIELD WHILE ALSO

AVOIDING WETLANDS AND UTILITIES, LIMITING IMPACTS AS MUCH AS

POSSIBLE. SOME IMPACT IS AVOIDED BY THE HDD IN THIS AREA.

THE ACCESS ROAD WILL HAVE THE SOIL STRIPPED, GRAVELED, OR

USE TIMBER MATTING AND WILL BE RESTORED IN ACCORDANCE WITH

REV. NO.

SECTION 14.5.

POSSIBLE. WHERE THE ALIGNMENT AND LOW CROSSES THE FIELD TO

<u>SEGMENT 10 - AGRICULTURAL LANDS</u>

TABLE 7-1 AGRICULTURAL LANDS

STATION (APPROXIMATE -SEE

APPENDIX C FOR DETAILS)

STA 62612+98 TO 62651+90

STA 62652+07 TO 62661+27

STA 62738+98 TO 62748+04

STA 63764+36 TO 63801+56

STA 63803+821 TO 63816+74

STA 63850+17 TO 63854+56

STA 63855+04 TO 63861+14

STA 63903+16 TO 63930+52

STA 64046+98 TO 64086+98

C-139 TO C-141 STA 62568+86 TO 62611+64

PARCEL

41.00-1-30

41.00-1-29

41.00-1-25

41.00-1-24.1

41.00-5-3

41.00-5-6.11

41.00-5-8

41.00-5-40

41.00-5-40

56.09-1-10.2

71.00-1-23

71.00-4-11

71.00-4-10

88.00-1-1

88.00-1-2

87.00-4-7.2

87.00-4-7.2

104.00-4-35.2

104.00-4-33.1

104.00-4-34.1

121.00-3-25

139.00-2-13

AGRICULTURAL LAND NUMBER

AGRICULTURAL LAND #1

AGRICULTURAL LAND #2

AGRICULTURAL LAND #3

AGRICULTURAL LAND #4

AGRICULTURAL LAND #5

AGRICULTURAL LAND #6

AGRICULTURAL LAND #7

AGRICULTURAL LAND #8

AGRICULTURAL LAND #9

AGRICULTURAL LAND #10

SHEET

C-141 TO

C-144 TO

C-145

C-150

C-151 TO

C-154

C-157

C-158

C-161 TO

C-163

C-170 TO

C-173

THE LOW DOES NOT EXTEND INTO THE ACTIVE FIELD -IT REMAINS I THE ROAD ROW. THEREFORE, THERE IS NO IMPACT TO THIS LAND.

WORK AREA HDD 111 ENTRY WORK AREA HDD 111 EXIT

SEGMENT 10 - CONSTRUCTION MATERIALS AND

TABLE 5-2. CONSTRUCTION MATERIALS AND EQUIPMENT STAGING LOCATIONS AND WORK AREAS

SHEET

C-101

C-101

C-103

C-104

C-107

C-109

C-111

C-112

C-112

C-112

C-117

C-118

C-120

C-120

C-123

C-124

C-125

C-127

C-128

C-128

C-129

C-130

C-132

C - 132

C-133

C-134

C-134

C-136

C-136

C-137

C-139

C-139

C-140

C-142

C-145

C-146

C-147

C-147

C-150

C-148

C-155

C-162

C-162

C-163

C-164

C-164

C-165

C-173

C-174

STAGING AREA/DESCRIPTION

WORK AREA HDD 91 ENTRY

WORK AREA HDD 91 EXIT

WORK AREA HDD 91.A ENTRY

WORK AREA HDD 91.A EXIT

WORK AREA HDD 92 AND 92.A ENTRY

WORK AREA HDD 92 AND 92.A EXIT

WORK AREA HDD 93 ENTRY

WORK AREA HDD 93 EXIT

WORK AREA HDD 93.A ENTRY

WORK AREA HDD 93.A EXIT

WORK AREA HDD 94 ENTRY

WORK AREA HDD 94 EXIT

WORK AREA HDD 95 ENTRY

WORK AREA HDD 95 EXIT

WORK AREA HDD 96.XX ENTRY

WORK AREA HDD 96.XX EXIT

WORK AREA HDD 96.A AND 96.B ENTRY

WORK AREA HDD 96.A AND 96.B EXIT

WORK AREA HDD 97 ENTRY

WORK AREA HDD 97 EXIT

WORK AREA HDD 97.A ENTRY

WORK AREA HDD 97.A EXIT

WORK AREA HDD 98 ENTRY

WORK AREA HDD 98 EXIT

WORK AREA HDD 99 ENTRY

WORK AREA HDD 99 EXIT

WORK AREA HDD 99.A ENTRY

WORK AREA HDD 99.A EXIT

WORK AREA HDD 101 ENTRY

WORK AREA HDD 101 EXIT

WORK AREA HDD 101.A ENTRY

WORK AREA HDD 101.A EXIT

WORK AREA HDD 102 ENTRY

WORK AREA HDD 102 EXIT

WORK AREA HDD 103 AND 104 ENTRY

WORK AREA HDD 103 AND 104 EXIT

WORK AREA HDD 105 ENTRY

WORK AREA HDD 105 EXIT

WORK AREA HDD 107A ENTRY

WORK AREA HDD 107A EXIT

WORK AREA HDD 108 ENTRY

WORK AREA HDD 108 EXIT

WORK AREA HDD 109 ENTRY

WORK AREA HDD 109 EXIT

WORK AREA HDD 110 ENTRY

WORK AREA HDD 110 EXIT

WORK AREA HDD 111.A ENTRY

WORK AREA HDD 111.A EXIT

SENSITIVE AREAS

CROSSED (AG OR

WETLANDS)

WETLAND

WETLAND

NONE

NONE

RTE

NONE

NONE

NONE

WETLAND

NONE

NONE

NONE

WETLAND

WETLAND

NONE

NONE

NONE

WETLAND

WETLAND

WETLAND

NONE

WETLAND

WETLAND RAA

WETLAND

NONE

LOCATION (APPROXIMATE -SEE

APPENDIX C FOR FURTHER DETAILS)

STA 60009+00

STA 60016+00

STA 60042+50

STA 60059+00

STA 60099+00

STA 60120+00

STA 60154+50

STA 60171+50

STA 60172+00

STA 60180+00

STA 60244+00

STA 61256+00

STA 61283+50

STA 61296+00

STA 61331+50

STA 61353+00

STA 61375+00

STA 61390+00

STA 61414+50

STA 61419+00

STA 62428+00

STA 62445+50

STA 62468+00

STA 62477+00

STA 62480+50

STA 62497+00

STA 62503+00

STA 62530+00

STA 62535+00

STA 62546+50

STA 62575+50

STA 62582+50

STA 62595+50

STA 62620+00

STA 62667+00

STA 62686+00

STA 62693+50

STA 62699+00

STA 62754+00

STA 62753+00

STA 63812+00

STA 63837+50

STA 63917+00

STA 63922+50

STA 63934+50

STA 63946+50

STA 63953+00

STA 63964+00

STA 64085+00

STA 64107+00

EQUIPMENT STAGING LOCATIONS AND WORK AREAS

09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION DB | APP | DRAWN BY: SUBMITTAL / REVISION DESCRIPTION

EM&CP TABLES 4 OF 8

DESIGNED BY:

CHAMPLAIN HUDSON POWER EXPRESS

APPROVED BY:

DRAWING NO. **G-013**

KIEWIT PROJECT NO.

21162

0 SH.NO.

AS SHOWN DATI

09/29/2023

13 OF XXX

Power Express

CHPE WKiewit

<u>SEGMENT 10 - ACCESS ROADS</u>

TABLE 4-6 - SEGMENT 10 ACCESS ROADS

SHEET

C - 201

C-202

C - 203

C-203

C - 204

C - 204

C - 205

C-206

C - 207

C-208

C-209

C-209

C-210

C-210

C-211

C - 212

C-213 TO C-215

C-216 TO C-218

C-219

C-220

C-221

C-223

C-223

C-224

C-225

C-225

C-226

C-226

C-227

C-228

C-228

C-229

C-230

C - 231

C - 231

C - 232

TEMPORARY OR

PERMANENT

TEMPORARY

TEMPORARY

TEMPORARY

TEMPORARY

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TEMPORARY

TEMPORARY

TEMPORARY

ACCESS ROAD NUMBER

6-01-RD

6-02-RD

6-03-RD

6-04-RD

6-04A-RD

6-05-RD

6-06-RD

6-07-RD

6-08-RD

6-09-RD

6-10-RD

6-11-RD

6-12-RD

6-13-RD

6-16-RD

6-17-RD

6-17A-RD

6-18-RD

6-21A-RD

6-22-RD

6-22A-RD

6-24-RD

6-25-RD

6-26-RD

6-02-RTE

6-03-RTE

6-04A-RTE

6-05-RTE

6-06-RTE

6-07-RTE

6-08-RTE

6-09-RTE

6-10-RTE

6-12-RTE

6-14-RTE

6-15-RTE

LOCATION ALONG SEGMENT (APPROXIMATE

-SEE APPENDIX C FOR DETAILS)

STA 60039+00

STA 60059+00

STA 60081+00

STA 60169+00

STA 60194+50

STA 60232+00

STA 61253+00

STA 61338+50

STA 61347+00

STA 61350+00

STA 61357+00

STA 61357+50

STA 61417+50

STA 61414+00

STA 62477+00

STA 62503+00

STA 62570+00

STA 62592+00

STA 62681+50

STA 62698+50

STA 62749+00

STA 63837+00

STA 63954+00

STA 63962+50

STA 60127+50

STA 60169+50

STA 60219+00

STA 60232+00

STA 61249+00

STA 61256+00

STA 61349+50

STA 61395+00

STA 62465+00

CONNECTS TO 6-18-RD

CONNECTS TO 6-22-RD

CONNECTS TO 6-26-RD

	TABLE 7-2 -RECREATIONAL AREAS						
MUNICIPALITY	RECREATIONAL AREA	SHEET	LOCATION (APPROXIMATE -SEE DRAWINGS FOR DETAILS)				
VILLAGE OF RAVENA	MOSHER PARK	C-116	STA 60225 TO 60231				
VILLAGE OF COXSACKIE	FIREMAN'S PARK	C-145 AND C-146	STA 62673 TO 62677				

<u>SEGMENT 10 - TERMS AND DEFINITIONS FROM BMP DOCUMENT</u>

TABLE 8 □1. TERMS AND DEFINITIONS FROM BMP DOCUMENT SECTION 5.2						
TERM	DEFINITION					
CLEARING	THE CUTTING AND PHYSICAL REMOVAL, EITHER BY HAND OR MECHANICAL MEANS, OF ALL VEGETATION FROM THE WORK AREA					
GRUBBING	THE MECHANICAL REMOVAL OF THE STUMP AND ROOT MASS OF FELLED WOODY VEGETATION					
SLASH	SHRUBS, SAPLINGS, AND TOPS OF TREES 4 INCHES IN DIAMETER OR LESS AT THE LARGE END FOR HARDWOOD AND 6 INCHES IN DIAMETER OR LESS AT THE LARGE END FOR SOFTWOODS.					
STUMPS	THE WOODY STEM AND FIBROUS ROOT MASS LEFT IN THE SOIL AFTER REMOVING THE TRUNK AT THE BUTT.					
TIMBER/LOGS	TRUNKS AND LIMBS GREATER THAN 6 INCHES IN DIAMETER AT THE SMALL END, WITH A MINIMUM 8-FOOT LENGTH.					

<u>SEGMENT 10 - TREE AND VEGETATION CLEARING METHODS</u>

	TABLE 8.2 - TREE AND VEGETATION CLEARING METHODS								
METHOD TYPE	METHOD TITLE	METHOD DESCRIPTION							
TYPE I	HAND CUTTING (HC)	THIS METHOD EMPLOYS A HAND-HELD CHAIN SAW. IT IS SELECTIVE BUT IS SLOWER AND MORE EXPENSIVE THAN MOTORIZED MECHANICAL DEVICES. RESIDENTIAL AREAS, BUFFER ZONES, WETLANDS, AND HIGHWAY SCREENS ARE AREAS WHERE HAND CUTTING IS TYPICALLY PRESCRIBED.							
TYPE II	MECHANICAL CLEARING MACHINE (HA)	THIS TERM USUALLY REFERS TO A MACHINE KNOWN AS THE HYDRO-AX OR KERSHAW MOWER. THIS MACHINE CAN CUT TREES UP TO TEN (10) INCHES IN DIAMETER AT THE RATE OF SEVERAL ACRES A DAY, DEPENDING ON STEM DENSITY AND TERRAIN. IT IS ESSENTIALLY NONSELECTIVE AND A GOOD DEVICE FOR CLEARING RIGHTS-OF-WAY THAT ARE COMPOSED OF YOUNG UNDESIRABLE SPECIES IN A RELATIVELY UNIFORM STAND.							
TYPE III	MOWING	THIS TECHNIQUE IS PRIMARILY USED IN AREAS OF HERBACEOUS VEGETATION. TERRAIN MUST BE RELATIVELY FLAT WITH NO GULLIES OR ROCKS.							
TYPE IV	MECHANICAL WHOLE-TREE FELLING EQUIPMENT	THIS METHOD ALLOWS CONTROLLED FELLING AND LOADING OF WHOLE TREES WHILE MINIMIZING DAMAGE TO ADJACENT TREES. WHERE VEGETATION IS CLEARED, EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED AND MONITORED UNTIL THE TOPSOIL IS STABILIZED AND CAN SUPPORT GRASSY VEGETATION.							

WHERE TYPE I IS DESIGNATED ON THE PLANS AS THE CHOSEN CLEARING TYPE, THIS SHOULD BE PRIORITIZED BEFORE OPTING FOR TYPE II OR IV, WHICH ARE ALLOWED TO BE USED IF CONDITIONS REQUIRE SO. ALL MECHANIZED CLEARING IN WETLANDS WILL BE DONE UTILIZING APPROVED TEMPORARY WETLANDS ACCESS

METHODS (SEE EM&CP SECTION 4.10.2) TYPE II AND TYPE IV MAY BE USED INTERCHANGEABLY IN THE FIELD, AS THEY ARE EXTREMELY SIMILAR METHODS.

TABLE 8.4.1 SUMMARIZES THE LOCATION AND CLEARING TYPE THAT WILL OCCUR WITHIN THIS PACKAGE. SECTION 8.0 AND 8.1 OF THE EM&CP SUMMARIZES THE CLEARING METHODS AND PROCEDURES FOR VEGETATION AND TREE CLEARING AND REMOVAL INCLUDING STANDARDS AND SPECIFICATIONS FOR CLEARING IN ENVIRONMENTALLY SENSITIVE AREAS.

WETLANDS: SECTION 8.2.1 AND SECTION 9.1 OF THE EM&CP

4. AGRICULTURAL LANDS: SECTION 8.2.2 OF THE EM&CP.

Power Express

STREAM CROSSING: SECTION 8.2.1 AND SECTION 9.1 OF THE EM&CP.

VISUALLY SENSITIVE AREAS SECTION 8.3.2 OF THE EM&CP

CHPE WKiewit

FOR INFORMATION, SEE

AND CONSTRUCTION PLAN NARRATIVE.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY
ARE ACTING UNDER THE DIRECTION OF A LICENSED ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. <u>SEGMENT 10 - TREE AND VEGETATION DISPOSAL METHODS</u>

TABLE 8.3 -TREE AND VEGETATION DISPOSAL METHODS					
METHOD TYPE	METHOD TITLE	METHOD DESCRIPTION			
TYPE A	CONSTRUCTION USE	LOGS MAY BE UTILIZED AS NEEDED DURING CONSTRUCTION FOR WETLAND ACCESS, CRIBBING, RETAINING WALLS, OR OTHER USES. FOLLOWING USE, ANY LOGS UNSUITABLE FOR FIREWOOD, SAW LOGS, OR CHIPPING WILL BE TRANSPORTED OFF THE RIGHT—OF—WAY TO AN APPROVED DISPOSAL SITE.			
TYPE B	LOG PILES	LOGS NOT NEEDED FOR CONSTRUCTION WILL BE REMOVED FROM THE RIGHT-OF-WAY TO AN APPROVED DISPOSAL AREA.			
TYPE C	SALE	WHERE SUFFICIENT MERCHANTABLE VOLUME EXISTS ON THE SITE, LOGS MAY BE SOLD TO A THIRD PARTY. WHERE APPROPRIATE AND PRACTICAL, AND WITH THE AGREEMENT OF LANDOWNERS, UNSOLD LOGS WILL BE HAULED TO ACCESSIBLE LOCATIONS FOR SALVAGE BY THE GENERAL PUBLIC IN ACCORDANCE WITH THE SUBSTANTIVE REQUIREMENTS OF 6 NYCRR PART 192.5, FIREWOOD RESTRICTIONS TO PROTECT FORESTS FROM INVASIVE SPECIES.			
TYPE D	TREE/LOG CHIPPING	WHEN LOGS CANNOT BE REUSED OR SOLD, THEY WILL BE CHIPPED ON SITE. THE RESULTING WOOD CHIPS WILL BE PILED IN UPLAND AREAS WITHIN THE RIGHT—OF—WAY OR TRANSPORTED OFF RIGHT—OF—WAY TO AN APPROVED DISPOSAL SITE. WOOD CHIPS WILL BE SPREAD THREE (3) TO FIVE (5) INCHES THICK WITH FERTILIZER SPREAD OVER THE CHIPS TO MINIMIZE SOIL NITROGEN DEPLETION DUE TO CELLULOSE DECOMPOSITION.			
TYPE E	VEGETATION CHIPPING	VEGETATION MAY BE CHIPPED TO REDUCE DEBRIS VOLUME.			
TYPE F	VEGETATION HAULING	VEGETATION AND STUMPS MAY BE HAULED TO A NYSDEC APPROVED LANDFILL OR OTHER SUITABLE OFF—SITE LOCATION WITH THE APPROVAL OF THE LANDOWNER AND ALL APPLICABLE PERMITTING AGENCIES.			
TYPE G	VEGETATION BURIAL	STUMPS MAY BE BURIED ON THE RIGHT—OF—WAY WITH LANDOWNER AGREEMENT. THE BURIAL AREAS WILL BE SUFFICIENTLY COMPACTED AND MONITORED AFTER CONSTRUCTION TO ASSURE THAT SETTLING DOES NOT OCCUR. WHERE SIGNIFICANT SETTLING AFTER CONSTRUCTION HAS BEEN IDENTIFIED BY THE CONSTRUCTION INSPECTOR ET. AL., FINISHED GRADE WILL BE RE—ESTABLISHED USING LOCALLY OBTAINED RUN—OF—BANK MATERIAL AND/OR TOPSOIL AND RE—SEEDED AS APPROPRIATE AS SPECIFIED IN SECTIONS 14.2. AREAS WHERE SIGNIFICANT AMOUNTS OF STUMP BURIAL OCCURS WILL BE NOTED ON AS—BUILT DRAWINGS, AND MONITORED FOR SETTLING DURING ROW CONDITION SURVEYS AND MAINTENANCE ACTIVITIES.			

NOTE: SECTION 8.4 OF THE EM&CP SUMMARIZES THE TREE AND VEGETATION DISPOSAL PROCEDURES FOR THIS SEGMENT. NO BURNING OF ANY VEGETATIVE OR TREE DEBRIS IS PERMITTED WITHIN THE WORK AREAS OF THIS SEGMENT. ALL APPLICABLE NYSDEC REGULATIONS REGARDING INVASIVE SPECIES WILL BE FOLLOWED WHEN DISPOSING OF VEGETATION.

<u>SEGMENT 10 - VEGETATION AND TREE CLEARING LOCATIONS</u>

	TABLE 8-4 VEGETATION	I I	
HEET	LOCATION	TREE CLEARING METHOD TYPE	ENVIRONMENTALLY SENSITIVE AREA(S
	(APPROXIMATE -SEE DRAWINGS FOR DETAILS)		
401	60000+00 TO 60010+00	IV	NONE
401	60015+00 TO 60030+00	IV	NONE
402	60030+00 TO 60043+00	IV	NONE
402	60057+00 TO 60060+00	IV	NONE
	60060+00 TO 60072+00	I AND IV	WETLAND
403	60072+00 TO 60082+00	IV	NONE
	60082+00 TO 60090+00	I AND IV	WETLAND
	60090+00 TO 60097+00	IV	NONE
404	60097+00 TO 60100+00	I AND IV	WETLAND
	60119+00 TO 60120+00	IV	NONE
	60120+00 TO 60126+00	IV	NONE
405	60126+00 TO 60130+50	I AND IV	WETLAND
	60132+00 TO 60150+00	I AND IV	WETLAND
	60150+00 TO 60155+00	I AND IV	WETLAND
406	60170+00 TO 60172+00	I AND IV	WETLAND
	60179+50 TO 60180+00	IV AND I	WETLAND
	60180+00 TO 60195+00	I AND IV	WETLAND
407	60195+00 TO 60203+00	IV	NONE
	60203+00 TO 60206+00	I AND IV	WETLAND
	60209+00	I AND IV	WETLAND
	60211+50	I AND IV	WETLAND
400	60218+00 TO 60225+00	I AND IV	WETLAND
408	60225+00 TO 60231+00	IV	NONE
	60232+00 TO 60233+00	III	NONE
	60233+00 TO 61240+00	IV	NONE
409	61240+00 TO 61244+00 61255+00 TO 61270+00	I AND IV	NONE WETLAND
	61270+00 TO 61270+00	I AND IV	WETLAND WETLAND
410	61296+00 TO 61300+00	I AND IV	WETLAND
	61300+00 TO 61313+00	I AND IV	WETLAND
411	61314+00 TO 61325+50	IV	NONE
111	61325+50 TO 61330+00	I AND IV	WETLAND
	61330+00 TO 61332+00	I AND IV	WETLAND
	61349+50 TO 61352+00	IV	NONE
412	61352+00 TO 61354+00	I AND IV	WETLAND
	61355+00 TO 61360+00	IV	NONE
413	61360+00 TO 61375+00	IV	NONE
<u> </u>	61390+00 TO 61411+00	IV	NONE
414	61411+00 TO 61413+00	I AND IV	WETLAND
•	61417+50 TO 62420+00	I AND IV	WETLAND

	OE ITTION THE IT		
	62420+00 TO 62425+00	IV	NONE
415	62427+00 TO 62428+00	IV	NONE
	62445+00 TO 62450+00	IV	NONE
	62450+00 TO 62453+00	IV	NONE
416	6245+006 TO 62468+50	IV	NONE
416	62470+00 TO 62475V	IV AND I	WETLAND
	62477+00 TO 62480+00	I AND IV	WETLAND
	62480+00 TO 62481+00	IV	NONE
417	62496+50 TO 62503+00	I AND IV	WETLAND
440	62530+00 TO 62537+00	IV	NONE
418	62537+00 TO 62540+00	I AND IV	WETLAND
	62540+00 TO 62561+00	I AND IV	WETLAND
419	62561+00 TO 62564+00	IV	NONE
713	62563+00 TO 62570+00	I AND IV	WETLAND, AGRICULTURA LAND
	62570+00 TO 62574+00	l	NONE
420	62582+00 TO 62596+00	I AND IV	WETLAND, AGRICULTURAI LAND
423	62665+50 TO 62668+00	I AND IV	WETLAND
	62688+00 TO 62690+00	I AND IV	WETLAND
424	62690+00 TO 62694+00	I AND IV	WETLAND
	62699+00	I AND IV	WETLAND
	62705+00 TO 62720+00	I, III AND IV	WETLAND
425A	62753+00 TO 63750+00	I AND IV	WETLAND
	63750+00 TO 63757+00	I AND IV	WETLAND
	63757+00 TO 63762+00	IV	NONE
426	63762+00 TO 63765+00	I AND IV	WETLAND, AGRICULTURAL LAND
	63765+00 TO 63768+00	I AND IV	WETLAND, AGRICULTURA LAND
427	63765+00 TO 63768+00	I AND IV	WETLAND, AGRICULTURA LAND
	63837+00 TO 63842+00	I AND IV	WETLAND
429	63844+00 TO 63847+00	IV	NONE
	63848+00 TO 63850+00	I AND IV	WETLAND
	63854+00 TO 63855+00	IV	NONE
	63864+00 TO 63871+00	I AND IV	WETLAND
430	63871+00 TO 63874+00	IV	NONE
	63874+00 TO 63885+00	I AND IV	WETLAND
	63885+00 TO 63888+00	I AND IV	WETLAND
	63888+00 TO 63896+00	IV	NONE
431	63896+00 TO 63897+00	I AND IV	WETLAND
TUI	63897+00 TO 63904+00	I AND IV	WETLAND, AGRICULTURA LAND
	63908+00	I AND IV	WETLAND, AGRICULTURA LAND
432	63925+00 TO 63928+00	I AND IV	WETLAND, AGRICULTURA LAND
	63930+00	I AND IV	WETLAND

09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION

DATE SUBMITTAL / REVISION DESCRIPTION

201	6-01A-RD	IV	NONE
201	6-01-RD	NONE	WETLAND
202	6-02-RD	I AND IV	WETLAND
203	6-03-RD	III AND IV	NONE
203	6-04-RD	I	WETLAND
204	6-04A-RD	IV	WETLAND
204	6-05-RD	III	NONE
205	6-06-RD	I AND IV	WETLAND
206	6-07-RD	I AND IV	WETLAND
207	6-08-RD	I AND IV	NONE
208	6-09-RD	I AND IV	NONE
222	6-10-RD	I AND IV	NONE
209	6-11-RD	I AND IV	WETLAND
010	6-12-RD	ı	WETLAND
210	6-13-RD	I AND IV	WETLAND
211	6-16-RD	III AND IV	NONE
212	6-17-RD	I, III, AND IV	NONE
213	6-17A-RD	1	WETLAND
214	6-17A-RD	NONE	WETLAND
215	6-17A-RD	I AND IV	WETLAND
216	6-18-RD	I AND IV	WETLAND
217	6-18-RD	NONE	WETLAND
218	6-18-RD	I AND IV	WETLAND
219	6-21A-RD	I AND IV	NONE
220	6-22-RD	I AND IV	WETLAND
221	6-22A-RD	I AND IV	WETLAND, AGRICULTURA LAND
222	6-22B-RD	I AND IV	NONE
007	6-24-RD	I AND IV	WETLAND
223	6-25-RD	I	WETLAND
224	6-26-RD	I AND IV	WETLAND
225	6-02-RTE	NONE	NONE
000	6-04A-RTE	III	NONE
226	6-05-RTE	III AND IV	NONE
227	6-06-RTE	NONE	NONE
000	6-07-RTE	IV	NONE
228	6-08-RTE	III AND IV	NONE
229	6-09-RTE	IV	WETLAND
230	6-10-RTE	IV	NONE
231	6-12-RTE	IV	NONE
232	6-15-RTE	I AND IV	WETLAND

DB | APP | DRAWN BY:

TYPE II AND TYPE IV CLEARING TYPES WILL USED INTERCHANGEABLY DEPENDING ON FIELD CONDITIONS.

CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL

EM&CP TABLES 5 OF 8

G-014

KIEWIT PROJECT NO.

21162

DRAWING NO.

AS SHOWN DATE APPROVED BY: DESIGNED BY:

<u>SEGMENT 10 - IMPACTS TO WATERBODIES</u>								
		TABLE	9-1. SUMMARY	OF WATERBODY IMP	PACTS		TEMPORARY	
APPROXIMATE STATION	WATERBODY NAME	NYSDEC CLASSIFICATION	WATERBODY FIELD ID	FLOW STATUS	DISTANCE OF SEPARATION FROM CULVERT	AVOIDANCE AND MINIMIZATION MEASURE	CONSTRUCTION ROW IMPACT (LF)	
60094+00 C-404	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-10	INTERMITTENT	_	_	340	
60101+25 C-404	COEYMANS CREEK	C/C(TS)	CP6-S3/ S-11 863-543	INTERMITTENT	_	WITHIN HDD	_	
60104+25	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-12	INTERMITTENT	_	WITHIN HDD	-	
60105+00 C-404	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	CP6-S2	INTERMITTENT	_	WITHIN HDD	-	
60108+25 C-404	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	CP6-S1	INTERMITTENT	-	OUTSIDE LOW	-	
60113+25 C-404	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-13/13N	INTERMITTENT	-	WITHIN HDD	-	
60117+50 C-404	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-14/SRA	INTERMITTENT	_	PARTIALLY WITHIN HDD	179	
ACCESS ROAD C-405	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	P6-S1	INTERMITTENT	_	OUTSIDE LOW	-	
60174+50 C-406	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-15/ CP6-S4	INTERMITTENT	-	WITHIN HDD	-	
60178+25 C-406	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-16/E	INTERMITTENT	-	WITHIN HDD	-	
ACCESS ROAD 60193+50 C-407	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	W-S1	INTERMITTENT	_	OUTSIDE LOW	-	
60221+25 C-408	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-17	INTERMITTENT	_	_	3	
61253+25 C-409	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-18 863-538	INTERMITTENT	_	-	-	
61288+50 C-410	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-19 863-538	INTERMITTENT	-	WITHIN HDD	-	
61292+50 C-410	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-20	INTERMITTENT	_	WITHIN HDD	_	
61310+00 C-411	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	G-S3 863-538	PERENNIAL	_	_	42	
61332+25 C-412	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-21/TC-S1	INTERMITTENT	_	PARTIALLY WITHIN HDD	6	
61338+00 C-412	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-22/TC-S2	INTERMITTENT	_	WITHIN HDD	-	
61339+00 C-412	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	TC-S3	INTERMITTENT	-	WITHIN HDD	-	
61376+15 C-413	HANNACROIS CREEK	C/C(T)	S-23A 863-535	PERENNIAL	-	OUTSIDE LOW	-	
61389+50 C-413	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	G-SF-S2	PERENNIAL	-	PARTIALLY WITHIN HDD	56	
61392+00 C-414	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	G-SF-S1	INTERMITTENT	-	-	43	
60417+25	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	GP6-S4	INTERMITTENT	-	OUTSIDE LOW	-	
62427+00 C-211	SICKLES CREEK	c/c	GP6-S3 863-504	PERENNIAL	_	OUTSIDE LOW	_	
62429+25		0 /0	S-23					

62432+00 C-415	SICKLES CREEK	c/c	G-S-37 863-504	PERENNIAL	_	WITHIN HDD	_
62442+50 C-415	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-24/G-S-38	INTERMITTENT	-	WITHIN HDD	_
62455+50 C-416	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-25/G-38	INTERMITTENT	MINIMUM 5'	WITHIN CULVERT	50
62465+75 C-416	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-26/K-S1	INTERMITTENT	_	PARTIALLY WITHIN HDD	68
62472+50 C-416	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-27A/K-S2 863-504	PERENNIAL	_	PARTIALLY WITHIN HDD	60
ACCESS ROAD (KREITMEIR ROAD) 62477+00 C-211	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	G-S-K	PERENNIAL	MINIMUM 5'	WITHIN CULVERT	0
62482+00 C-416	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	K-S3	INTERMITTENT	_	WITHIN HDD	_
62485+00 C-416	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	K-S4	INTERMITTENT	_	WITHIN HDD	_
62493+50 C-417	UNNAMED TRIBUTARY TO THE HUDSON RIVER	c/c	S-27B 863-504	INTERMITTENT	_	OUTSIDE LOW	_
62509+50 C-417	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-28	INTERMITTENT	_	WITHIN HDD	_
62514+00 C-418	UNNAMED TRIBUTARY TO THE HUDSON RIVER	c/c	S-29 863-504	INTERMITTENT	_	WITHIN HDD	_
62537+00 C-418	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-32A/ VG-S2	INTERMITTENT	_	PARTIALLY WITHIN HDD	65
62539+00 C-418	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	VG-S1	INTERMITTENT	_	PARTIALLY WITHIN HDD	37
62579+25 C-420	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-32B	INTERMITTENT	_	WITHIN HDD	_
ACCESS ROAD (VAN GURPIN LANE) C-217	UNNAMED TRIBUTARY TO THE HUDSON RIVER	c/c	VG-S 863-504	PERENNIAL	MINIMUM 24'	WITHIN CULVERT	_
62599+25 C-420	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-33	INTERMITTENT	_	WITHIN HDD	-
62610+75 C-421	COXSACKIE CREEK	c/c	S-34 863-502	PERENNIAL	_	WITHIN HDD	_
62688+00 C-423	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	G-CS-S1	INTERMITTENT	MINIMUM 24'	WITHIN CULVERT	_
63790+25 C-427	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	S-36	INTERMITTENT	_	_	81
63822+25 C-428	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BJ	INTERMITTENT	_	WITHIN HDD	_
63833+25 C-428	MURDERERS CREEK	c/c	FA-S-BH/ GP6-SM 863-259.1	PERENNIAL	_	WITHIN HDD	_
63860+50 C-429	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BN	INTERMITTENT	_	OUTSIDE LOW	_
63868+00 C-429	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BO	INTERMITTENT	-	OUTSIDE LOW	_
63873+25 C-430	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	P6-FA-S1	INTERMITTENT	-	-	59
63877+00 C-431	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BG	INTERMITTENT	_	OUTSIDE LOW	-

63887+50 C-430	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-S-BL/ P6-FA-S2	INTERMITTENT	-	-	171
63900+00 C-431	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BE	INTERMITTENT	-	OUTSIDE LOW	-
63960+50 C-433	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-AY	INTERMITTENT	-	WITHIN HDD	-
64047+50 C-436	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-D-BA	INTERMITTENT	-	OUTSIDE LOW	-
64061+00 C-436	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	P6-S3	PERENNIAL	-	_	90
6408+25 C-437	CORLAER KILL	c/c	P6-S2 863-256	PERENNIAL	-	WITHIN HDD	_
64109+00 C-438	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	P6-S4	INTERMITTENT	-	_	78
64109+50 C-438	UNNAMED TRIBUTARY TO THE HUDSON RIVER	UNMAPPED	FA-S-AQ	INTERMITTENT	-	-	81
			TOTAL				1,509

SEGMENT 10 - IMPACTS TO WETLANDS

	Г		TABLE 9-2 SUN	MARY OF WETLANI	D IMPACIS	T	
WETLAND ID	JURISDICTION	APPROXIMATE STATION AND DRAWING NUMBER	CLASSIFICATION	PERMANENT ROW IMPACTS (SQUARE FEET)	TEMPORARY CONSTRUCTION IMPACTS (SQUARE FEET)	STATE-REGULATED ADJACENT AREA PERMANENT IMPACTS (SQUARE FEET)	STATE-REGULATED ADJACENT AREA TEMPORARY IMPACT (SQUARE FEET)
P6-C	USACE	60026+00 C-401	PFO		10		
JA/P6-B	USACE	60029+50 C-401	PFO	333	4,709		
P6-A	USACE	60032+00 C-402	PFO	568	7,574		
P6-D	USACE	60034+25 C-402	PEM		20,080		
		C=402	PFO	841	3,951		
AED-A/ NA/		00047.00	PEM		10,315		
G-NM-A / G-NM-A4	USACE	60047+00 C-402	PFO	1,966	34,191		
G-NM-A4			PSS		77,510		
			PUB		873		
G-TP-A	USACE	60075+75 C-402	PFO	145	458		
OA	USACE	60082+50 C-403	PFO	5,592	51,634		
PA	USACE	60097+00 C-404	PFO	2,790	24,056		
TA/CP-6	USACE	60125 50	PFO	4,145	55,928		
			PEM		10,498		
P6-RA	USACE	C-405	PF0	252	5,105		
RA/ P6-F	USACE	CE 60127+75 C-405 & C-225	PF0	18,498	156,385		
			PSS		44		
SA	USACE	60169+00 C-406	PEM		323		
			PSS		41,697		
VA	USACE	60203+50 C-407	PEM		28,764		
WA	USACE	60224+50 C-408	PEM		672		
XA	USACE	60229+75 C-408	PEM		682		
/		60329+50	PEM		30,555		
CB/ TC-A	USACE	C-411	PF0		4,306		
			PSS		4,146		
P6-0	USACE	61047+00 C-435	PEM		170,649		
			PSS		16,863		
YA/G-R1	USACE	61254+00 C-409	PF0	749	11,299		
			PSS		12,417		
ZA/G-R2/AB	USACE	61260+00 C-409	PSS		76,477		



SICKLES CREEK

62429+25

C-415



PERENNIAL

WITHIN HDD

S-23 863-504

C/C

FOR INFORMATION, SEE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE. IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

					SEGN
0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION			
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAW

KIEWIT PROJECT NO. CHAMPLAIN HUDSON POWER EXPRESS GMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL EM&CP TABLES 6 OF 8

APPROVED BY:

DESIGNED BY:

DRAWING NO.

21162

G-015

AS SHOWN DATE

					·	·	
WETLAND ID	JURISDICTION	APPROXIMATE STATION AND DRAWING NUMBER	CLASSIFICATION	PERMANENT ROW IMPACTS (SQUARE FEET)	TEMPORARY CONSTRUCTION IMPACTS (SQUARE FEET)	STATE-REGULATE D ADJACENT AREA PERMANENT IMPACTS (SQUARE FEET)	STATE-REGULATE D ADJACENT AREA TEMPORARY IMPACTS (SQUARE FEET)
G-R-3	USACE	61279+25	PEM		8,424		
		C-410	PF0		15,961		
BB	USACE	61295+25 C-410	PSS		30,375		
TC-B	USACE	61295+25 C-410	PEM		11,282		
G-R-5	USACE	61302+25 C-411	PF0	2,870	16,302		
EB	USACE	61351+90 C-412	PEM		2,850		
FB/ P6-L	USACE	61358+00 C-412	PF0	53	2,498		
FB/ P6-L	USACE	61358+00 C-412	PSS		2,837		
G-SF-A	USACE	61391+75 C-414	PEM		4,976		
		61410+90	PEM		18,365		
GB	USACE	C-414	PSS		20,619		
G-P6-C	USACE	61414+50 C-414	PEM		2,632		
G-P6-D	USACE	61416+00 C-414	PEM		17		
K-A	USACE	62477+00 C-416	PSS		9,914		
		62495+65	PEM		102		
KB/G-HW-C	USACE	C-417	PFO	6,425	65,559		
G-HW-A	USACE	62501+50 ACCESS ROAD	PSS		3,244		
G-HW-B	USACE	62501+50 ACCESS ROAD	PEM		22		
MB	USACE	62530+00 C-418	PEM		11,818		
NB/VG-1	USACE	62537+25 C-418	PFO	3,304	78,221		
ОВ	USACE, NYSDEC	62564+25 C-419, C-213,	PEM		128,546	21,347	357,908
	(HN-101)	C-214, C-217	PSS		63,832		
VGA	USACE, NYSDEC	62590+25	PEM		15,345	11,544	183,615
V 0/1	(HN-101)	C-420	PSS		14,281		
РВ	USACE, NYSDEC (HN-101)	62592+50 C-420 & C-218	PSS		13,660	3,121	84,702
RR-E	USACE	62617+25 C-421	PEM		5,561		
RR-A	USACE	62641+00 C-422	PEM		1,941		
G-P6-F/ RR-G	USACE	62641+50 C-422	PEM		1,942		
G-P6-H/	USACE	62653+00	PEM		39		
G-P6-G/ RR-H		C-422 62663+50					
GP6JJ/ RR-I	USACE	C-423 62666+25	PEM		208		
WB/G-P6-I	USACE	C-423	PEM		11,300		
4B/ G-CX-A	USACE	62688+75 C-423	PF0	2,448	17,548		
XB/G-P6-K	USACE	62689+25	PSS PEM		8,641 65,052		
XB/P-A		C-423 62710+00			33,898		
·	USACE USACE, NYSDEC	C-424 62711+00	PEM		JJ,090		
ZB2	(HN-118)	C-424	PEM			16,859	101,232
ZB/G-FM-3/G-	USACE	62749+50	PEM PFO	4,395	114,844 48,819		
P6-FL1	JUNUL	C-425	PSS	т,ОЗО	82,388		
G-P6-FL2	USACE	62801+75 C-428	PEM		2,467		
G-P6-FL3	USACE	63808+75 C-428	PEM		15,613		
A-BI/ G-P6-M	USACE	63824+00 C-428	PSS		17,459	2,284	46,939
FA-BM/ P6-FA-IM	USACE, NYSDEC (HN-108)	63847+00 C-429	PEM		10,529		
P6-FA-IP/	USACE	63851+75	PSS		31,794		
G-IJ/ GP6-R	USAUĽ	C-429	гээ		01,734		

G-FL8	USACE	63864+25 C-430	PSS		45,865		
P6-FA-IC	USACE	63874+50 C-430	PSS		12100.51		
P6-FA-IF/ G-FL-5	USACE	63880+50 C-430	PSS		20,203		
FA-BF/ FA-BD/		63892+75	PFO	417	4,360		
G-FL-4	USACE	C-431	PSS		38,178		
FA-BC/ P6-FA-IV/ G-IV/ P6-FA-IY/	USACE, NYSDEC (HN-108)	63918+25 C-432	PEM		127,805	17,869	235,950
P6-FA-JB			PF0 PSS	4,163	39,806 919		
FA-BB/ G-P6-0	USACE, NYSDEC (HN-108)	63954+25 C-433	PEM		44	28,861	238,568
G-P6-Q	USACE, NYSDEC (HN-108)	63958+50 C-433	PEM				11,270
FA-AX/ G-P6-R	USACE, NYSDEC	63963+50	PFO	544	2,576	108,688	957,038
	(HN-108)	C-432	PEM		517,308		
FA-AS	USACE, NYSDEC (HN-108)	64096+00 C-438	PEM		48,432	4,720	53,220
P6-P	USACE	64109+00 C-438	PSS		732		
7A-W	USACE	64110+75	PEM		2,314		
/ A – W	USACL	C-438	PF0	2,025	19,280		
VGB	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-213, C-214,	PEM		19,319		120,122
		C-217	PSS		17,049		
VG-D	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		2,816		22,371
VG-E	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		607		10,361
VG-F	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		4,722		28,829
VG-I	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		393		15,036
VG-C	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216 & C-217	PEM		4,178		21,977
VG-G	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216 & C-217 ACCESS ROAD	PEM		3,948		34,293
VG-H	USACE, NYSDEC (HN-101)	(VAN GURPIN LANE) C-217	PEM		202		18,401
P6-K	USACE	ACCESS ROAD C-209	PFO		1,153		
W-A	USACE	ACCESS ROAD 60193+50 C-407	PFO		6,572		
FL-C	USACE	ACCESS ROAD 60219+25 C-408 & C-226	PEM		144		
G—J1	USACE	ACCESS ROAD C-220	PEM		2		
G-J2	USACE	ACCESS ROAD C-220	PEM		10,217		
	TO	TAL		62,521.21 (1.44 ACRES)	2,825,139.03 (64.86 ACRES)	215,292.97 (4.94 ACRES)	2,541,832.69 (58.35 ACRES)
	SUBTO	TAL PEM		_	1482760.26 (34.04 ACRES)	_	_
	SUBTO ⁻	TAL PSS		_	663246.06 (15.23 ACRES)	_	-
	SUBTO	TAL PFO		62521.21 (1.44 ACRES)	678260.18 (15.57 ACRES)	-	_
	SUBTO	TAL PUB		_	872.52 (0.02)	_	_

WETLAND ID	JURISDICTION	APPROXIMATE STATION AND DRAWING NUMBER	CLASSIFICA TION	PERMANENT ROW IMPACTS (SQUARE FEET)	TEMPORARY CONSTRUCTION IMPACTS (SQUARE FEET)	STATE-REGULAT ED ADJACENT AREA PERMANENT IMPACTS (SQUARE FEET)	STATE-REGULAT ED ADJACENT AREA TEMPORARY IMPACTS (SQUARE FEET)
VG-F	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		4,722		28,829
VG-I	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216	PEM		393		15,036
VG-C	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216 & C-217	PEM		4,178		21,977
VG-G	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-216 & C-217	PEM		3,948		34,293
VG-H	USACE, NYSDEC (HN-101)	ACCESS ROAD (VAN GURPIN LANE) C-217	PEM		202		18,401
P6-K	USACE	ACCESS ROAD C-209	PFO		1,153		
W-A	USACE	ACCESS ROAD 60193+50 C-407	PFO		6,572		
FL-C	USACE	ACCESS ROAD 60219+25 C-408 & C-226	PEM		144		
G-J1	USACE	ACCESS ROAD C-220	PEM		2		
G-J2	USACE	ACCESS ROAD C-220	PEM		10,217		
	TO ⁻	TAL		62,521.21 (1.44 ACRES)	2,825,139.03 (64.86 ACRES)	215,292.97 (4.94 ACRES)	2,541,832.69 (58.35 ACRES)
	SUBTOT	AL PEM		_	1482760.26 (34.04 ACRES)	_	_
	SUBTOT	AL PSS		_	663246.06 (15.23 ACRES)	_	_
	SUBTOT	AL PFO		62521.21 (1.44 ACRES)	678260.18 (15.57 ACRES)	_	_
	SUBTOT	AL PUB		_	872.52 (0.02)	_	_

SECTION 9.1 OF THE EM&CP AND THE WETLAND DELINEATION REPORT IN APPENDIX M OF THE EM&CP DESCRIBE THE IMPACTS TO WETLANDS WITHIN THIS PACKAGE AS WELL AS THE AVOIDANCE AND MINIMIZATION MEASURES. TABLE 9-2 ABOVE SUMMARIZES THE PERMANENT ROW IMPACTS AND TEMPORARY

SEGMENT 10 - FEMA FLOOD ZONES

TABLE 9-3. FEMA FLOOD ZONES IN SEGMENT 8								
SHEET NUMBER	STATION (APPROXIMATE -SEE DRAWINGS FOR DETAILS)	FLOOD ZONE						
C-404	STA 60097 TO 60105	ZONE AE						
C-437	STA 64084 TO 64093+50	ZONE AE						





FOR INFORMATION, SEE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE.

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No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	DRAWN

CHAMPLAIN HUDSON POWER EXPRESS GMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL EM&CP TABLES 7 OF 8

APPROVED BY:

DESIGNED BY:

DRAWING NO.

KIEWIT PROJECT NO.

21162

G-016 AS SHOWN DATE 0 SH.NO.

	Ţ	ABLE 9-3. RTE SPECIES IMPACT AVOIDANCE AI	ND MINIMIZ	ZATION EFFORTS	
ENDANGERED SPECIES AREA (ESA)	LOCATION	BMPS	IMPACTS	ENVIRONMENTAL INSPECTOR ACTIONS	TIME OF YEAR RESTRICTION
ESA 9	STA 60000 TO 64113+08 (END)	(A) CONDUCT TREE CLEARING BETWEEN NOVEMBER 1 AND MARCH 31. TREE CLEARING IS NOT ALLOWED BETWEEN APRIL 1 AND OCTOBER 30, UNLESS OTHERWISE APPROVED BY USFWS. (B) DURING THE PRECONSTRUCTION SURVEY, THE CONTRACTORS WOULD IDENTIFY LARGE LIVE OR DEAD TREES WITH PEELING BARK, INCLUDING LARGE SPECIMENS OF SHAGBARK HICKORY (CARYA OVATA), WITH THE POTENTIAL TO SERVE AS MATERNITY OR ROOST TREES AND THESE WOULD BE MARKED. POTENTIAL ROOST TREES IDENTIFIED WITHIN THE CONSTRUCTION LIMITS WOULD BE AVOIDED WHERE POSSIBLE DURING CONSTRUCTION ACTIVITIES.	NONE	1. IDENTIFY AND FLAG LARGE SPECIMEN TREES, LIVE OR DEAD, WITH PEELING BARK, INCLUDING SHAGBARK HICKORY (CARYA OVATA) WHICH COULD POTENTIALLY SERVE AS MATERNITY OR ROOST TREES.	TREE REMOVAL WILL BE CONDUCTED DURING THE WINTER MONTHS (OCTOBER 31-MARCH31). TREE CLEARING BETWEEN APRIL 1 - OCTOBER 30 IS PROHIBITED.
ESA 4	STA 60000 TO 64413+08 (END)	(A) CONDUCT TREE CLEARING BETWEEN NOVEMBER 1 AND MARCH 31. TREE CLEARING IS NOT ALLOWED BETWEEN APRIL 1 AND OCTOBER 30, UNLESS OTHERWISE APPROVED BY USFWS. (B) DURING THE PRECONSTRUCTION SURVEY, THE CONTRACTORS WOULD IDENTIFY LARGE LIVE OR DEAD TREES WITH PEELING BARK, INCLUDING LARGE SPECIMENS OF SHAGBARK HICKORY (CARYA OVATA), WITH THE POTENTIAL TO SERVE AS MATERNITY OR ROOST TREES AND THESE WOULD BE MARKED. POTENTIAL ROOST TREES IDENTIFIED WITHIN THE CONSTRUCTION LIMITS WOULD BE AVOIDED WHERE POSSIBLE DURING CONSTRUCTION ACTIVITIES.	NONE	1. IDENTIFY AND FLAG LARGE SPECIMEN TREES, LIVE OR DEAD, WITH PEELING BARK, INCLUDING SHAGBARK HICKORY (CARYA OVATA) WHICH COULD POTENTIALLY SERVE AS MATERNITY OR ROOST TREES.	TREE REMOVAL WILL BE CONDUCTED DURING THE WINTER MONTHS (OCTOBER 31-MARCH31). TREE CLEARING BETWEEN APRIL 1 - OCTOBER 30 IS PROHIBITED.
ESA 8	STA 62562 TO 63877 STA 64039 TO 64074	AVOID CONSTRUCTION DURING THE TIME OF YEAR RESTRICTION (NOVEMBER 1 TO MARCH 31) TO AVOID IMPACT TO SPECIES DURING WINTER USE OF OCCUPIED HABITAT.	NONE	NONE	AVOID CONSTRUCTION NOV 1 TO MAR 31
ESA 12	STA 62583 TO 63897	(AVOID CONSTRUCTION DURING THE TIME OF YEAR RESTRICTION (NOVEMBER 1 TO MARCH 31) TO AVOID IMPACT TO SPECIES DURING WINTER USE OF OCCUPIED HABITAT.	NONE	NONE	AVOID CONSTRUCTION NOV 1 TO MAR 31

<u>SEGMENT 10 - EM&CP CULTURAL RESOURCES</u>

	TABLE 11 1. SEGEMEN	T 10 CULTURAL RESOURCES	
CULTURAL RESOURCE NAME	LOCATION	IMPACT	PROTECTION MEASURE
HIMMER ROCKSHELTER (NYSM 380)	TOWN OF COXSACKIE	NONE.	NONE.
SATISFACTION (NYSM 388)	TOWN OF COXSACKIE	WITHIN OR IMMEDIATELY ADJACENT TO THE CABLE ROUTE.	TESTING OR MONITORING.*
BAILEY STREET PRECONTACT SITE (03941.000155)	TOWN OF COXSACKIE	NEAR AN ACCESS ROAD.	DETERMINED NOT ELIGIBLE. SITE IS NOW DESTROYED. NO PROTECTION MEASURE RECOMMENDED.
GREENE ANNEX CORRECTIONAL SITE (03905.000108)	TOWN OF COXSACKIE.	SITE IS ON OPPOSITE SIDE OF THE RAILROAD FROM THE CABLE ROUTE.	DETERMINED NOT ELIGIBLE. NONE.
VICTORIA SITE (03905.000162, NYSM 10742)	TOWN OF COXSACKIE	CABLE ROUTE AVOIDS THE SITE VIA AN HDD, BUT AN ACCESS ROAD WILL PASS THROUGH THE SITE.	ELIGIBLE FOR THE NATIONAL REGISTER. FURTHER CONSULTATION WITH SHPO.
FLINT MINE HILL ARCHAEOLOGICAL DISTRICT (90NR00539) NATIONAL REGISTER LISTED	TOWN OF COXSACKIE AND TOWN OF ATHENS	IMMEDIATELY ADJACENT TO THE CABLE ROUTE.	NATIONAL REGISTER—LISTED ARCHEOLOGICAL DISTRICT. WILL NOT BE DIRECTLY IMPACTED.
SOLAR FIELD PRECONTACT SITE 11 (03905.000196)	TOWN OF COXSACKIE	CABLE ROUTE IS IMMEDIATELY ADJACENT TO THE SITE.	TESTING OR MONITORING.*
RUSSIAN WORKSHOP (FLINT MINE ARCHAEOLOGICAL DISTRICT) (NYSM 405)	TOWN OF COXSACKIE	SITE IS ON OPPOSITE SIDE OF THE RAILROAD FROM THE CABLE ROUTE.	NONE.
UNNAMED (NYSM 8280)	TOWN OF COXSACKIE	CABLE ROUTE IS WITHIN THE SITE BOUNDARIES.	TESTING OR MONITORING.*
FLUTED POINT FIND NEAR FLINT MINE HILL (NYSM 8025)	TOWN OF COXSACKIE	CABLE ROUTE IS WITHIN THE SITE BOUNDARIES.	TESTING OR MONITORING. *
SOLAR FIELD PRECONTACT SITE 8 (03905.000193)	TOWN OF COXSACKIE	CABLE ROUTE CLOSE TO THE SITE.	TESTING OR MONITORING. *
SOLAR FIELD PRECONTACT SITE 7 (03905.000192)	TOWN OF COXSACKIE	CABLE ROUTE IS WITHIN THE SITE BOUNDARIES.	TESTING OR MONITORING. *
SOLAR FIELD PRECONTACT SITE 6 (03905.000191)	TOWN OF COXSACKIE	CABLE ROUTE IS IMMEDIATELY ADJACENT TO THE SITE.	TESTING OR MONITORING. *
FLATS ROAD PRECONTACT SITE (03905.000203)	TOWN OF COXSACKIE	CABLE ROUTE IS WITHIN THE SITE BOUNDARIES.	SITE WILL BE AVOIDED WITH HDD.
SPOOR FARM, 957 FLATS ROAD (03905.000228) ELIGIBLE 18TH-CENTURY FARMHOUSE AND PROPERTY	TOWN OF COXSACKIE	CABLE ROUTE PASSES UNDER THE PROPERTY VIA AN HDD.	PROPERTY DETERMINED ELIGIBLE. TO BE AVOIDED WITH HDD.
857 FLATS ROAD (03905.00056)	TOWN OF COXSACKIE	CABLE ROUTE AND ACCESS ROADS AT THE REAR OF THE PROPERTY.	PROPERTY DETERMINED ELIGIBLE. NO ADVERSE EFFECTS LIKELY.

<u>SEGMENT 10 - EM&CP CULTURAL RESOURCES</u>(CONTINUED)

CULTURAL RESOURCE NAME	LOCATION	IMPACT	PROTECTION MEASURE
POSSIBLE MOUND (NYSM 432) (03902.000007)	TOWN OF ATHENS	CABLE ROUTE IS WITHIN THE SITE BOUNDARIES.	ARCHEOLOGICAL TESTING IN ADVANCE OF CONSTRUCTION IS RECOMMENDED.
PREHISTORIC SITE 3 (P-3) (03902.000232)	TOWN OF ATHENS	SITE IS ON OPPOSITE SIDE OF THE RAILROAD FROM THE CABLE ROUTE.	NONE.
JMA SITES 9 (03902.000249)	TOWN OF ATHENS	CABLE ROUTE IS WITHIN SITE BOUNDARIES.	DETERMINED NOT ELIGIBLE. NONE.
JMA SITE 8 -3902.000248	TOWN OF ATHENS	CABLE ROUTE IS WITHIN SITE BOUNDARIES.	DETERMINED NOT ELIGIBLE. NONE.
RUSHMORE FARM (10NR06093) NATIONAL REGISTER LISTED PROPERTY	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	NONE.
JMA SITE 7 (03902.000247)	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	TESTING OR MONITORING.*
JMA SITE 6 -3902.000246	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	TESTING OR MONITORING.*
JMA SITE 1 -3902.000241	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	TESTING OR MONITORING.*
JMA SITE 2 -3902.000242	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	TESTING OR MONITORING.*
JMA SITE 3 -3902.000243	TOWN OF ATHENS	CABLE ROUTE IS ADJACENT TO THE SITE.	TESTING OR MONITORING. *

<u>SEGMENT 10 - NYSDOT COORDINATION</u>

TABLE 12-2 -NYSDOT COORDINATION SUMMARY					
COORDINATING PARTIES	DESCRIPTION	CURRENT STATUS			
CERTIFICATE HOLDERS, DPS STAFF, NYSDOT	ALL PLANS AND WORK TO BE PERFORMED IN STATE—OWNED ROW UNDER NYSDOT'S SUPERVISION AND MANAGEMENT.	ONGOING THROUGHOUT			
CERTIFICATE HOLDERS, DPS STAFF, NYSDOT STAFF	CERTIFICATE HOLDERS SHALL PROVIDE DPS STAFF AND NYSDOT STAFF WITH A PRELIMINARY DESIGN MARKED TO AVOID CONFLICT WITH POTENTIAL TRANSPORTATION PROJECTS THAT NYSDOT STAFF MAY SEEK TO UNDERTAKE IN THE FUTURE AND SHALL OFFER TO CONSULT WITH NYSDOT STAFF CONCERNING ANY COMMENTS IT MAY OFFER AND SHALL USE REASONABLE EFFORTS TO ACCOMMODATE ANY NYSDOT CONCERNS.	PRIOR TO FILING ANY SEGMEN' EM&CP INVOLVING ANY SUCH STATE-OWNED ROW.			
CERTIFICATE HOLDERS, NYSDOT, AGENCY CROSSED BY PROJECT	CERTIFICATE HOLDERS WILL CONSULT WITH EACH TRANSPORTATION DEPARTMENT OR AGENCY HAVING JURISDICTION OVER ANY ROADS, RELATED STRUCTURES, AND COMPONENTS THAT WILL BE CROSSED BY THE FACILITY OR USED FOR DIRECT ACCESS TO THE CONSTRUCTION ZONE. IF THE ACCESS ROAD TAKES DIRECT ACCESS FROM, OR LIES WITHIN THE LIMITS OF, SUCH ROADS, THE CERTIFICATE HOLDERS WILL NOTIFY EACH RELEVANT TRANSPORTATION DEPARTMENT OR AGENCY OF THE APPROXIMATE DATE WHEN WORK WILL BEGIN.	DURING PREPARATION OF THE EM&CP AND WHEN WORK BEGIN			
CERTIFICATE HOLDERS, NYSDOT, DPS STAFF, NYSDEC	THE CERTIFICATE HOLDERS WILL PROVIDE STATUS REPORTS SUMMARIZING CONSTRUCTION AND INDICATING CONSTRUCTION ACTIVITIES AND LOCATIONS SCHEDULED FOR THE NEXT MONTH.	BI-WEEKLY.			

<u>SEGMENT 10 - ROAD AND HIGHWAY CROSSINGS AND CONSTRUCTION</u>

TABLE 12-3: ROAD AND HIGHWAY CROSSINGS					
MUNICIPALITY	JURISDICTION	ROAD CROSSING	CROSSING METHOD (HDD OR OPEN TRENCH)	SHEET	LOCATION (APPROXIMATE, SEE APPENDIX C DRAWINGS FOR DETAILS)
TOWN OF BETHLEHEM	NYSDOT	US ROUTE 9W	HDD 91	C-101	STA 60012
TOWN OF COEYMANS	TOWN OF COEYMANS	OLD RAVENA ROAD	HDD 91.A	C-104	STA 60050+50
TOWN OF COEYMANS	TOWN OF COEYMANS	OLD RAVENA ROAD	HDD 92 AND 92.A	C-108	STA 60110+50
TOWN OF COEYMANS	PRIVATE	LAFARGE RAVENA PLANT ENTRANCE	TRENCH	C-109	STA 60127+50
TOWN OF COEYMANS	PRIVATE	PRIVATE CROSSING - LAFARGE	HDD 93	C-112	STA 60168+50
VILLAGE OF RAVENA	NYSDOT	MAIN STREET	HDD 94	C-117	STA 61249+50
TOWN OF NEW BALTIMORE	TOWN OF NEW BALTIMORE	NEW BALTIMORE ROAD	HDD 96.XX	C-123	STA 61342+50
TOWN OF NEW BALTIMORE	NYSDOT	STATE ROUTE 144	HDD 97	C-128	STA 61415+50
TOWN OF NEW BALTIMORE	THRUWAY AUTHORITY	NYS THRUWAY	HDD 99.A	C-134	STA 62507
VILLAGE OF COXSACKIE	NYSDOT	MANSION STREET	HDD 103 AND 104	C-146	STA 62678+50
VILLAGE OF COXSACKIE	VILLAGE OF COXSACKIE	BAILEY STREET	TRENCH	C-147	STA 60709
TOWN OF COXSACKIE	TOWN OF COXSACKIE	FLINT MINE ROAD	TRENCH	C-150	STA 62749
TOWN OF COXSACKIE	TOWN OF COXSACKIE	FLATS ROAD	HDD 108	C-155	STA 63817
TOWN OF ATHENS	GREENE COUNTY	SCHOHARIE TURNPIKE	HDD 111	C-164	STA 63954
TOWN OF ATHENS	GREENE COUNTY	LEEDS ATHENS ROAD	TRENCH	C-170	STA 64048+00

<u>SEGMENT 10 - ROAD PARALLEL CONSTRUCTION</u>

TABLE 12-4: ROAD PARALLEL CONSTRUCTION				
PARALLEL ROAD CONSTRUCTION SHEET LOCATION (APPROXIMATE — SEE APPENDIX C FOR				
RIVER ROAD/ LAWRENCE AVENUE	C-143 TO C-145	STA 62641 TO 62664+50		
PLANK ROAD	C-148	STA 62709 TO 62717		

SEGMENT 10 - RAILROAD CROSSINGS

TABLE 13-3 -RAILROAD CROSSINGS				
RAILROAD OWNER	SHEET	LOCATION (APPROXIMATE -SEE APPENDIX C FOR DETAILS)	CROSSING METHOD	
CSX RAIL	C-117	STA 61252 TO 61253+50	HDD 94	
CSX RAIL	C-126	STA 61385 TO 61389	HDD 96.A AND 96.B	
CSX RAIL	C-133	STA 62491 TO 62494	HDD 99	
CSX RAIL	C-146 AND C-147	STA 62695 TO 62697	HDD 105	

SECTION 13.2 OF THE EM&CP SUMMARIZES THE RAILROAD CROSSINGS THAT WILL OCCUR WITHIN THIS SEGMENT AS WELL AS THE MITIGATION MEASURES THAT WILL BE FOLLOWED AT EACH RAILROAD CROSSING

SECTION 13.3 OF THE EM&CP DESCRIBES THE UTILITY CROSSINGS THAT WILL OCCUR WITHIN THIS SEGMENT AS WELL AS THE MITIGATION MEASURES THAT WILL BE FOLLOWED FOR EACH TYPE OF UTILITY CROSSINGS.

PACKAGE 3 - SEGMENT 4/5 - RESTORATION METHODS AND NOTES

TABLE 14 — RESTORATION ME	THODS	
LAND USE DESCRIPTION	SECTION OF EM&CP	
CONSTRUCTION MATERIALS AND EQUIPMENT STAGING LOCATIONS AND TEMPORARY ACCESS ROADS	14.2.2	
PAVEMENT	14.2.2	
RAILWAY BALLAST	14.2.3	
RECREATIONAL AREAS	14.2.4	
LANDSCAPING	14.3	
STREAMS AND WATERBODIES	14.4	
ACCESS ROADS AND LAYDOWN AREAS WITHIN AGRICULTURAL LANDS	14.5.1	
DRAINAGE FEATURES	14.5.2	
GENERAL AGRICULTURAL LANDS	14.5	

SECTION 14.0 OF THE EM&CP DESCRIBES THE CLEANUP STANDARDS AND PROCEDURES THAT WILL BE FOLLOWED THROUGHOUT THIS SEGMENT ONCE CONSTRUCTION IS COMPLETE. TABLE 14 SUMMARIZES THE APPROPRIATE SUBSECTION WITH SECTION 14 THAT INCLUDES THE RESTORATION

<u>SEGMENT 10 – AGRICULTURAL LANDS REQUIRING RESTORATION</u>

TABLE 14-1. AGRICULTURAL LANDS REQUIRING RESTORATION					
AGRICULTURAL LAND	PARCEL NUMBER	PLAN AND PROFILE (APPENDIX C) SHEET NUMBER	STATION (APPROXIMATE -SEE APPENDIX C FOR DETAILS)		
	41.00-1-30				
	41.00-1-29				
AGRICULTURAL LAND #1	41.00-1-25	C-139 TO C-141	STA 62568+86 TO 62611+64		
	41.00-1-24.1				
	41.00-5-3				
	41.00-5-6.11				
AGRICULTURAL LAND #2	41.00-5-8	C-141 TO C-144	STA 62612+98 TO 62651+90		
	41.00-5-40				
AGRICULTURAL LAND #4	71.00-1-23	C-150	STA 62738+98 TO 62748+04		
AGRICULTURAL LAND #5	71.00-4-11	C-151 TO C-154	STA 63764+36 TO 63801+56		
AGNICOLITONAL LAND #5	71.00-4-10	C=131 10 C=134	STA 63/64+36 TO 6380T+36		
AGRICULTURAL LAND #6	88.00-1-1	0 154 70 0 155	CTA C7007 001 TO C701C 74		
AGRICOLIONAL LAND #0	88.00-1-2	C-154 TO C-155	STA 63803+821 TO 63816+74		
AGRICULTURAL LAND #7	87.00-4-7.2	C-157	STA 63850+17 TO 63854+56		
	104.00-4-35.2				
AGRICULTURAL LAND #9	104.00-4-33.1	C-161 TO C-163	STA 63903+16 TO 63930+52		
	104.00-4-34.1				
AGRICULTURAL LAND #10	121.00-3-25	121.00-3-25	CTA 64046+09 TO 64080+09		
AGNICOLIONAL LAND #10	139.00-2-13	C-170 TO C-173	STA 64046+98 TO 64086+98		

<u>SEGMENT 10 - INVASIVE SPECIES</u>

SECTION 9.4 OF THE EM&CP AND APPENDIX N DESCRIBE THE INVASIVE SPECIES MANAGEMENT PLAN FOR THE PROJECT. SECTION 9.4.2 OF THE EM&CP DESCRIBE THE MEASURES TO PREVENT OR CONTROL THE TRANSPORT OF INVASVIE PLANT AND INSECT SPECIES AS WELL AS THE NECESSARY REPORTING REQUIREMENTS TO NYSDEC REGIONAL FORESTER IF THESE SPECIES ARE ENCOUNTERED. THE ENVIRONMENTAL INSPECTOR WILL ENSURE THAT MEASURES TO PREVENT AND CONTROL THE SPREAD OF INVASIVES ARE FOLLOWED AND THAT CONSTRUCTION CREWS ARE EDUCATED IN SAID MEASURES. THE ENVIRONMENTAL INSPECTOR WILL NOTIFY CREWS IF AN UPCOMING WORK AREA REQUIRES SAID MEASURES.

<u>SEGMENT 10 - EM&CP NOISE SENSITIVE AREAS NOTE</u>

1. THE NOISE RECEPTORS THAT OCCUR NEAR SEGMENT 10 AT VARIOUS POINTS INCLUDE RESIDENCES AND BUSINESSES, SECTION 10.2 OF THE EM&CP DESCRIBES THE NOISE CONTROL MEASURES THAT WILL BE EMPLOYED THROUGHOUT THIS PACKAGE.

<u>SEGMENT 10 - EM&CP EROSION AND SEDIMENT CONTROL NOTES</u>

1. THE STORMWATER POLLUTION PREVENTION PLAN INCLUDED IN APPENDIX G OF THE EM&CP DESCRIBES THE EROSION AND SEDIMENT CONTROLS THAT WILL BE FOLLOWED FOR THIS SEGMENT. 2. THE EROSION AND SEDIMENT CONTROL PLANS CAN BE FOUND ON SHEETS C-401 TO SHEET C-438 FOR THIS SEGMENT.

SEGMENT 10 - FEMA

FEMA FIRM MAPS ARE PROVIDED IN APPENDIX D OF THE STORMWATER POLLUTION PREVENTION PLAN WHICH IS INCLUDED IN APPENDIX G OF THE EM&CP. SEE EM&CP SECTION 9.1.3 FOR AREAS OF THE ALIGNMENT THAT OVERLAP FEMA FLOODPLAINS AND THE BMPS REQUIRED IN THOSE LOCATIONS.

	CHAMPLAIN HUDSON POWER EXPRESS	

21162 SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL DRAWING NO.

G-017

AS SHOWN DATE

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KIEWIT PROJECT NO.

Power Express



FOR INFORMATION, SEE AND CONSTRUCTION PLAN NARRATIVE.

IT IS A VIOLATION OF LAW FOR ANY PERSON, UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE STAMP OF A LICENSED PROFESSIONAL IS ALTERED, THE ALTERING ENGINEER, ARCHITECT, LANDSCAPE ARCHITECT OR LAND SURVEYOR SHALL STAMP THE DOCUMENT AND INCLUDE THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE, THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

EM&CP TABLES 8 OF 8 09/29/2023 ISSUED FOR CONSTRUCTION SUBMISSION DB APP DRAWN BY: SUBMITTAL / REVISION DESCRIPTION APPROVED BY: **DESIGNED BY:**

CLEANUP AND RESTORATION NOTES

PROMPT CLEANUP AND RESTORATION OF ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY IS A PRIORITY OF THE CONSTRUCTION SCHEDULE AND SEQUENCING. TIMELY CLEANUP AND RESTORATION WILL ASSIST IN MINIMIZING POTENTIAL ENVIRONMENTAL IMPACTS ASSOCIATED WITH THE PROJECT. PROCEDURES FOR CLEANUP AND RESTORATION ARE DESCRIBED IN THE FOLLOWING SECTIONS. IN ACCORDANCE WITH CERTIFICATE CONDITION 48, WITHIN TEN (10) DAYS OF THE COMPLETION OF FINAL RESTORATION ACTIVITIES, THE CERTIFICATE HOLDER WILL NOTIFY THE SECRETARY THAT ALL RESTORATION HAS BEEN COMPLETED IN COMPLIANCE WITH THE CERTIFICATE AND THE ORDER(S) APPROVING THE EM&CP.

CLEANUP STANDARDS AND PRACTICES

FROM THE BMPS', CLEAN-UP, RESTORATION, AND REVEGETATION PROCEDURES WILL BE ONGOING DURING CONSTRUCTION AS EACH SEGMENT IS COMPLETED. DURING CONSTRUCTION, ROAD AND CONSTRUCTION ROWS WILL BE KEPT FREE OF DEBRIS AND DISCARDED MATERIAL TO THE GREATEST EXTENT POSSIBLE. AS CONSTRUCTION CONTINUES, EACH SECTION OF THE ROWS WILL BE THOROUGHLY CLEANED AFTER CONSTRUCTION IS COMPLETED ON THAT PARTICULAR SECTION. ALL FABRICATED DEBRIS RESULTING FROM CONSTRUCTION WILL BE DISPOSED OF AT AN APPROVED DISPOSAL SITE IN COMPLIANCE WITH ALL APPROPRIATE ENVIRONMENTAL REGULATIONS. FABRICATED DEBRIS GENERATED DURING CONSTRUCTION INCLUDES PIPING, FENCING, WIRING, AND ANY OTHER MATERIALS USED DURING CONSTRUCTION. NO FABRICATED DEBRIS BE BURNED OR BURIED. ALL TRUCKS LEAVING THE CONSTRUCTION AREA WILL BE LOADED AND COVERED IN ACCORDANCE WITH APPLICABLE REGULATIONS AS NEEDED AS DESCRIBED IN THE SOIL MANAGEMENT PLAN OF THE FM&CP IN APPENDIX I.

RESTORATION AND PLANTING

THE FINAL STAGE OF CONSTRUCTION WILL CONSIST OF RESTORING THE ROAD AND CONSTRUCTION ROWS AND THIS SEGMENT TO ITS ORIGINAL CONDITION AND CHARACTER AS MUCH AS POSSIBLE/IS PRACTICAL. UNLESS DOING SO WOULD INTERFERE WITH THE SAFE OR RELIABLE OPERATION AND MAINTENANCE OF THE PROJECT. RESTORATION ACTIVITIES MAY VARY WITH THE SPECIFIC AREA TO BE RESTORED BUT WILL CONSIST PREDOMINANTLY OF RESTORING TOPOGRAPHY TO ORIGINAL GRADIENTS AND RESEEDING EXCAVATED AREAS OVER THE TRENCH AS IDENTIFIED HEREIN.

SITE PREPARATION FOR REVEGETATION

THE SURFACE OF THE ROAD AND CONSTRUCTION ROWS DISTURBED BY CONSTRUCTION ACTIVITIES WILL BE GRADED TO MATCH THE ORIGINAL TOPOGRAPHIC CONTOURS AND TO BE COMPATIBLE WITH SURROUNDING DRAINAGE PATTERNS WHERE APPROPRIATE. IT SHOULD BE NOTED THAT SUBCONTRACTORS WILL TYPICALLY LIMIT GRUBBING (THE REMOVAL OF STUMPS AND ROOTS) TO THE FOOTPRINT OF THE EXCAVATED TRENCH AND ACCESS ROADS TO ALLOW RE-SPROUTING AND ASSIST IN THE RECOVERY OF WOODY SPECIES, EXCEPT WHERE REMOVAL IS REQUIRED FOR SAFE CONSTRUCTION. WHERE NEEDED, IT MAY BE NECESSARY TO IMPORT TOPSOIL TO RETURN AN AREA TO GRADE. IMPORTED TOPSOIL WILL FOLLOW CLASSIFICATION AND CHARACTERIZATION MEASURES OUTLINED IN THE SOIL MANAGEMENT PLAN IN APPENDIX L. HDD ENTRY AND EXIT PITS WILL BE BACKFILLED AND THE DISTURBED GROUND SURFACE WILL BE SIMILARLY GRADED. TRENCHES WILL BE BACKFILLED IN ACCORDANCE WITH THE MEASURES OUTLINED IN SECTION 4.4.7 OF THE EM&CP. THE CERTIFICATE HOLDER WILL BE RESPONSIBLE FOR WILL CHECKING ALL CULVERTS AND ASSURE THAT THEY ARE NOT CRUSHED OR BLOCKED DURING CONSTRUCTION AND RESTORATION OF THIS SEGMENT AND, IF A CULVERT IS BLOCKED OR CRUSHED, TAKE IMMEDIATE STEPS TO REPLACE OR REPAIR THE CULVERT IN ACCORDANCE WITH APPLICABLE STATE OR LOCAL STANDARDS.

SEEDING AND PLANTING

SEEDING OPERATIONS ACROSS THE 35-FOOT-WIDE CONSTRUCTION AND FACILITY ROWS AS WELL AS WITHIN STAGING AND LAYDOWN AREAS WILL COMMENCE ONLY AFTER AN ACCEPTABLE SEEDBED HAS BEEN ESTABLISHED, AS DESCRIBED ABOVE. . SEED WILL BE APPLIED BY HAND, OR VIA HYDRO-SEEDERS. THE ENTIRE SEEDED AREA WILL BE WATERED WITH A FINE SPRAY, AS NECESSARY, UNTIL A UNIFORM MOISTURE DEPTH OF APPROXIMATELY ONE (1) INCH HAS BEEN ACHIEVED AS APPLICABLE. MULCHING AND ANCHORING OF THE MULCH MAY BE NECESSARY IN SOME AREAS UNLESS A HYDROMULCH/SEED SLURRY IS USED. ON STEEP SLOPES, JUTE NET WILL BE USED TO PROVIDE STABILIZATION. FERTILIZER WILL BE ADDED, AS APPLICABLE, AT THE APPROPRIATE RATES AFTER SEED IS APPLIED AND/OR TO A HYDROMULCH/SEED SLURRY. NO FERTILIZER WILL BE APPLIED IN WETLAND RESOURCE AREAS. SEEDING/MULCHING WILL TAKE PLACE UNDER THE SUPERVISION OF THE ENVIRONMENTAL INSPECTOR. THE SEED MIXTURE AND RATE OF APPLICATION WILL DEPEND ON THE SOIL TYPE, LAND USE, AVAILABLE MOISTURE, AND SEASON AT THE TIME OF APPLICATION. ALL SEED MIXES WILL BE FREE OF INVASIVE SPECIES. ALL SEED BAG TAGS (EITHER ORIGINAL OR SCANNED COPIES) WILL BE PROVIDED TO THE ENVIRONMENTAL INSPECTOR EITHER ORIGINAL TAGS OR SCANNED COPIES. SEEDED AREAS WILL BE MONITORED FOLLOWING RESTORATION UNTIL A MINIMUM VEGETATIVE COVER OF EIGHTY (80) PERCENT IS ACHIEVED. THE SEED MIXTURES WILL FOLLOW THE TECHNICAL SPECIFICATIONS INCLUDED ON THE PLAN AND PROFILE DRAWINGS IN APPENDIX C (SHEET G-020 OF BOTH SEGMENT 1 AND SEGMENT 2) FOR UPLANDS AND WETLAND BUFFER ZONES. FOR WETLAND RESOURCE AREAS, EMERGENT COMMUNITIES SHOULD BE REVEGETATED WITH AN ERNST FACW WETLAND MEADOW MIX (ERNMX-122) OR EQUIVALENT, AND FOR SHADED SITES WITHIN FORESTED/SHRUB-SHRUB WETLAND COMMUNITIES, DISTURBED AREAS SHOULD BE REVEGETATED WITH ERNST SPECIALIZED WETLAND MIX FOR SHADED AREAS (ERNMX-137) OR EQUIVALENT.

THE MAJORITY OF SOIL DISTURBANCE FOR THIS SEGMENT WILL BE WITHIN THE TRENCH-LINE FOR THE CONDUIT/CABLE. HOWEVER, SOME DISTURBANCE WILL ALSO OCCUR DURING INSTALLATION AND REMOVAL OF TEMPORARY ACCESS ROADS AS DESCRIBE IN SECTION 4.10 OF THE EM&CP. ALL TRENCH AREAS AND OTHER EXCAVATED AREAS WILL BE RESEEDED WITH AN APPROPRIATE SEED MIX AS IDENTIFIED ABOVE. VEGETATION THROUGHOUT THE CONSTRUCTION ROW WILL BE CUT TO GROUND LEVEL AND ROOT SYSTEMS WILL REMAIN INTACT TO ALLOW FOR RESPROUTING FOLLOWING CONSTRUCTION, UNLESS RESPROUTING WOULD INTERFERE WITH THE SAFE AND RELIABLE OPERATION OF THE PROJECT..

IF REQUIRED, ALL TREES OVER TWO (2) INCHES IN DBH OR SHRUBS OVER FOUR (4) FEET IN HEIGHT THAT ARE DAMAGED OR DESTROYED BY ACTIVITIES DURING CONSTRUCTION, OPERATION, OR MAINTENANCE WITHIN ASSOCIATED URBAN, RESIDENTIAL OR LANDSCAPED AREAS, WILL BE REPLACED WITHIN THE FOLLOWING YEAR BY THE CERTIFICATE HOLDERS WITH THE EQUIVALENT TYPE OF TREES OR SHRUBS EXCEPT IF:

A) EQUIVALENT TYPE REPLACEMENT TREES OR SHRUBS WOULD INTERFERE WITH THE PROPER CLEARING, CONSTRUCTION, OPERATION, OR MAINTENANCE OF THE PROJECT OR WOULD BE INCONSISTENT WITH STATE-INVASIVE SPECIES POLICY; OR

B) REPLACEMENT WOULD BE CONTRARY TO SOUND ROW MANAGEMENT PRACTICES, OR TO ANY APPROVED LONG-RANGE ROW MANAGEMENT PLAN APPLICABLE TO THE FACILITY OR ADJOINING

C) THE OWNER OF LAND WHERE THE DAMAGED OR DESTROYED TREES OR SHRUBS WERE LOCATED (OR OTHER RECORDED EASEMENT OR LICENSE HOLDERS WITH THE RIGHT TO CONTROL REPLACEMENT) DECLINES REPLACEMENT.

RESTORATION OF WATERBODIES

UPON COMPLETION OF BACKFILLING OPERATIONS, CLEANUP AND RESTORATION OF WATERBODY CROSSINGS AND BANK APPROACHES (AT LEAST FIFTY [50] FEET ADJACENT TO EACH BANK) WILL BE COMPLETED WITHIN 24 HOURS. IF NEEDED, STREAM BANKS WILL BE RE-ESTABLISHED TO ORIGINAL GRADE IMMEDIATELY AFTER STREAM BANK WORK IS COMPLETED. THE BANKS WILL THEN BE PERMANENTLY STABILIZED BY SEEDING WITH NATIVE GRASSES, MULCHED AND, IF NEEDED. PLANTED WITH NATIVE SHRUB SEEDLINGS. IF ADDITIONAL STABILIZATION IS NEEDED JUTE NETTING OR EROSION CONTROL BLANKETS WILL BE USED.. RESTORATION AND PLANTING DETAILS FOR WATERBODIES ARE FURTHER DETAILED IN SECTION 14.4.1 OF THE EM&CP.

RESTORATION OF WETLANDS

THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT A STATE APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDER. ALL MOTORIZED CONSTRUCTION EQUIPMENT WILL BE TRANSPORTED TO OFF—SITE FACILITIES. ALL WETLAND MATS AND MATERIALS WILL BE COLLECTED, PACKED, AND TRANSPORTED TO OFF-SITE STORAGE FACILITY OR TO THE NEXT SEGMENT'S STAGING AREAS NEEDED.

RESTORATION OF CONSTRUCTION MATERIALS AND EQUIPMENT STAGING LOCATIONS AND TEMPORARY ACCESS ROADS

THE CONSTRUCTION MATERIALS EQUIPMENT STAGING LOCATIONS FOR THIS SEGMENT ARE SUMMARIZED IN SECTION 5.4 TABLE 5.2 OF THE EM&CP AND ARE SHOWN IN THE PLAN AND PROFILE DRAWINGS AND ESCP. THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS TO THE EXTENT PRACTICABLE.

ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED OF IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS. ALL MOTORIZED CONSTRUCTION EQUIPMENT WILL BE TRANSPORTED TO OFF-SITE FACILITIES. ALL OTHER USABLE CONSTRUCTION EQUIPMENT AND MATERIALS WILL BE COLLECTED, PACKED, AND TRANSPORTED TO OFF-SITE STORAGE FACILITIES OR TO THE NEXT SEGMENT'S STAGING AREA AS NEEDED. ALL UNUSABLE EQUIPMENT AND MATERIALS WILL BE REMOVED FROM THE LAYDOWN YARD AND DISPOSED OF APPROPRIATELY.

PLANT INSPECTION, GUARANTEE AND MAINTENANCE

VEGETATION RESTORATION ALSO INCLUDES THE MAINTENANCE OF PLANTINGS FOR SPECIFIED TIME PERIODS AND THE REPLACEMENT OF UNSUCCESSFUL PLANTINGS. PRIOR TO PLANTING, THE ENVIRONMENTAL INSPECTOR WILL INSPECT ALL PLANTS IN CONTAINERS. PLANTINGS WILL BE PERFORMED BY A QUALIFIED LANDSCAPE OR NURSERY CONTRACTOR. THE ENVIRONMENTAL INSPECTOR WILL ALSO INSPECT ALL PLANTS AFTER COMPETITION OF PLANTING TO ENSURE PROPER PLANTING PROCEDURES AND THE CORRECT PLANT SPECIES WERE USED. ADDITIONALLY, THE ENVIRONMENTAL INSPECTOR WILL CONDUCT A FINAL INSPECTION OF ALL REVEGETATED AREAS AFTER THE END OF THE MONITORING PERIOD TO ENSURE FINAL STABILIZATION. ALL VEGETATION REPLACED WILL HAVE A MINIMUM TWO (2) YEAR SURVIVAL GUARANTEE. AS DESCRIBED IN THE BMP DOCUMENT, WHERE TREE OR SHRUB PLANTINGS ARE NEEDED, A POST CONSTRUCTION SURVIVAL SURVEY WILL BE PERFORMED ONE YEAR AFTER THE PLANTINGS. IF ANY TREE OR SHRUB HAS NOT SURVIVED OR IS IN POOR HEALTH, THE TREE/SHRUB WILL BE REPLACED.

SWPPP INSPECTIONS WILL BE PERFORMED BY THE ENVIRONMENTAL INSPECTOR ON A WEEKLY BASIS UNTIL ALL DISTURBED AREAS HAVE ACHIEVED 80% REVEGETATION AND HAVE ACHIEVED FINAL STABILIZATION. FOLLOWING FINAL RESTORATION, EROSION AND SEDIMENT CONTROL MEASURES WILL BE REMOVED FROM THE SITE AND DISPOSED OF APPROPRIATELY.

RESTORATION WITHIN NYSDOT ROW

ALL RESTORATION WITHIN THE NYSDOT ROW SHALL BE DONE IN ACCORDANCE WITH THE LATEST VERSION OF THE NYSDOT STANDARD SPECIFICATIONS AND STANDARD SHEET.

RESTORATION OF RECREATIONAL AREAS

FOLLOWING CONSTRUCTION, THE CERTIFICATE HOLDERS WILL RESEED THE CONSTRUCTION AREA WITHIN RECREATIONAL AREAS USING THE PROCEDURES AND METHODS SPECIFIED IN THE SECTIONS ABOVE WHERE NEEDED. IF NECESSARY, ADDITIONAL REVEGETATION AND TREE PLANTING MAY BE PERFORMED DEPENDING ON THE IMPACT OF CONSTRUCTION.

ROADWAY RESTORATION (STRIPPING, SIGNAGE, AUDIBLE ROADWAY

DELINEATORS)

STRIPPING IMPACTED OR REMOVED FROM CONSTRUCTION WITHIN THE LIMITS OF WORK, INCLUDING AREAS OF MILL AND OVERLAYS TO BE INSTALLED PER EXISTING STRIPPING PATTERNS. CONTRACTOR SHALL INVENTORY ALL STRIPPING PRIOR TO WORK. WORK TO BE COMPLETED IN ACCORDANCE WITH NYSDOT STANDARD SHEETS AND SPECIFICATIONS (SEE 685 SERIES STANDARD

RESTORATION OF ROADWAY

THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. TRENCHES WILL BE BACKFILLED PER THE APPROPRIATE DETAIL, FULL WIDTH OF THE TRENCH WILL BE RESTORED TO MATCH THE EXISTING PAVEMENT SECTION, THE FULL WIDTH OF THE TRAVEL LANE TO THE CENTERLINE WILL BE MILLED AND OVERLAYED WITH A TOP COURSE OF ASPHALT. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED ON IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS.

RESTORATION OF ROADWAY SHOULDER

THESE AREAS WILL BE RESTORED AS CLOSE AS PRACTICABLE TO PRE-CONSTRUCTION CONDITIONS AND CONTOURS. TRENCHES WILL BE BACKFILLED PER THE APPROPRIATE DETAIL, FULL WIDTH OF THE TRENCH WILL BE RESTORED TO MATCH THE EXISTING PAVEMENT SECTION, THE FULL WIDTH OF THE TRAVEL LANE TO THE CENTERLINE WILL BE MILLED AND OVERLAYED WITH A TOP COURSE OF ASPHALT. ALL TEMPORARY FENCING AND EROSION CONTROLS WILL BE REMOVED AND DISPOSED ON IN AN ACCEPTABLE MANNER AT A STATE-APPROVED DISPOSAL FACILITY APPROVED BY DPS STAFF AND THE CERTIFICATE HOLDERS.

PAVEMENT RESTORATION

CURRENTLY, LIMITED RESTORATION NEEDS IN URBAN/RESIDENTIAL AREAS HAVE BEEN IDENTIFIED WITHIN THIS SEGMENT.

AS DESCRIBED IN THE BMP DOCUMENT AND CERTIFICATE CONDITIONS, CURBS, SIDEWALKS, AND STREETS DAMAGED BY CONSTRUCTION WILL BE RESTORED TO PRE-EXISTING CONDITION OR BETTER. FURTHER, DISTURBED AREAS, RUTS, AND RILLS ALONG ROADWAYS SHALL BE RESTORED TO ORIGINAL GRADES AND CONDITIONS WITH PERMANENT REVEGETATION AND EROSION CONTROLS APPROPRIATE FOR THOSE LOCATIONS, AS APPROPRIATE.

THE CERTIFICATE HOLDERS WILL CONSULT THE MUNICIPAL ROAD OR HIGHWAY DEPARTMENT AND/OR THE REGIONAL OFFICE OR COUNTY ENGINEER OF THE NYSDOT IN ORDER TO IDENTIFY AND INCORPORATE APPROPRIATE SPECIFICATIONS FOR CURB, SIDEWALK, OR STREET RESTORATION. ALL SURFACE RESTORATION WILL FOLLOW THE SPECIFICATIONS AND DETAILS PROVIDED IN THE DESIGN DRAWINGS (SHEET C-631). GUIDE RAILS WILL BE REMOVED AND REPLACED IN ACCORDANCE WITH NYSDOT STANDARD SHEET 606. COUNTY/LOCAL ROADS WILL BE RESTORED UNDER A DIFFERENT COUNTY RESTORATION REQUIREMENT AS SHOWN IN THE DESIGN DRAWINGS (SHEET C-631).





FOR INFORMATION, SEE AND CONSTRUCTION PLAN NARRATIVE.

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0	09/29/2023	ISSUED FOR CONSTRUCTION SUBMISSION		
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP

CHAMPLAIN HUDSON POWER EXPRESS SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL

RESTORATION NOTES

G-020

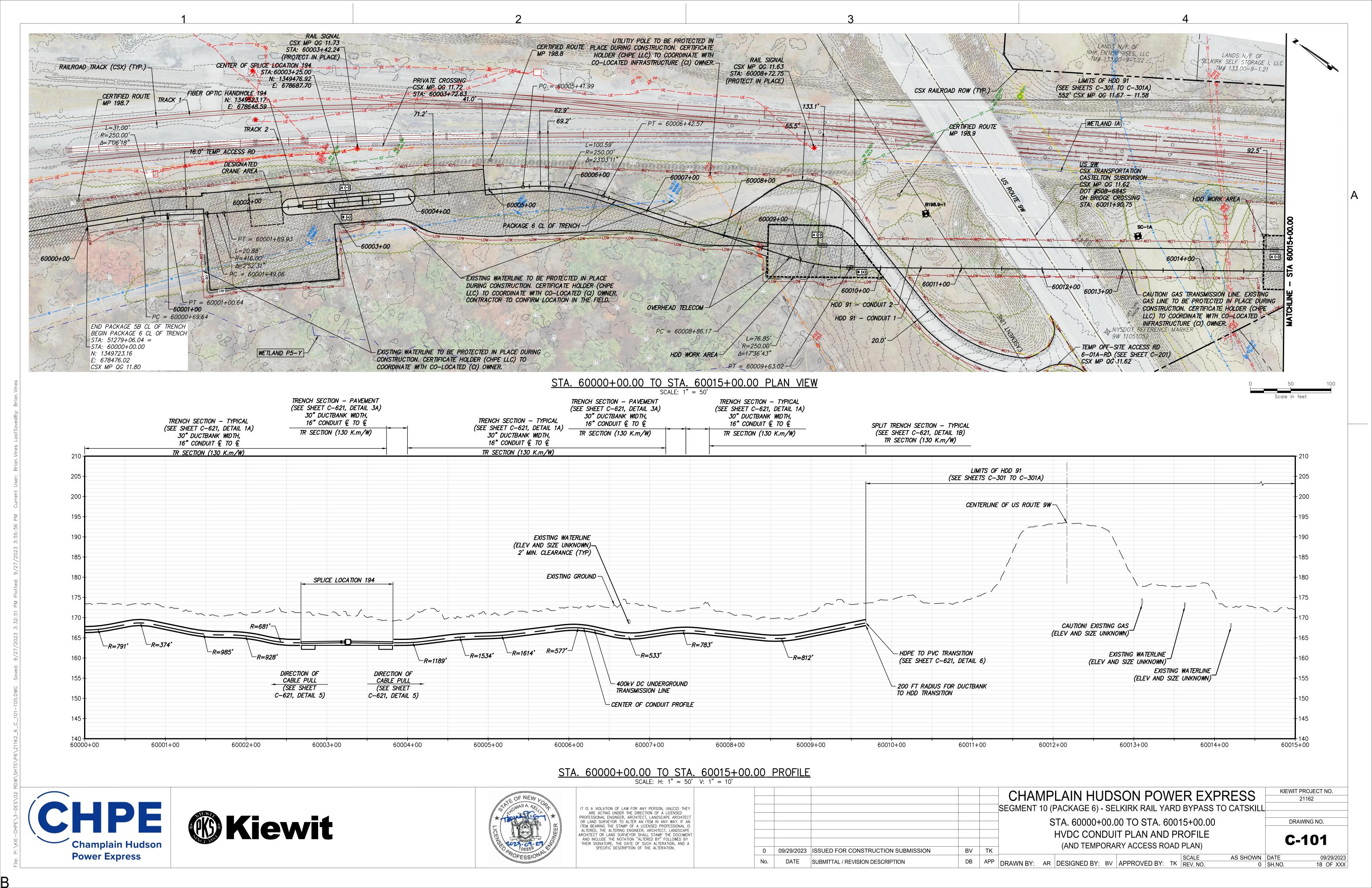
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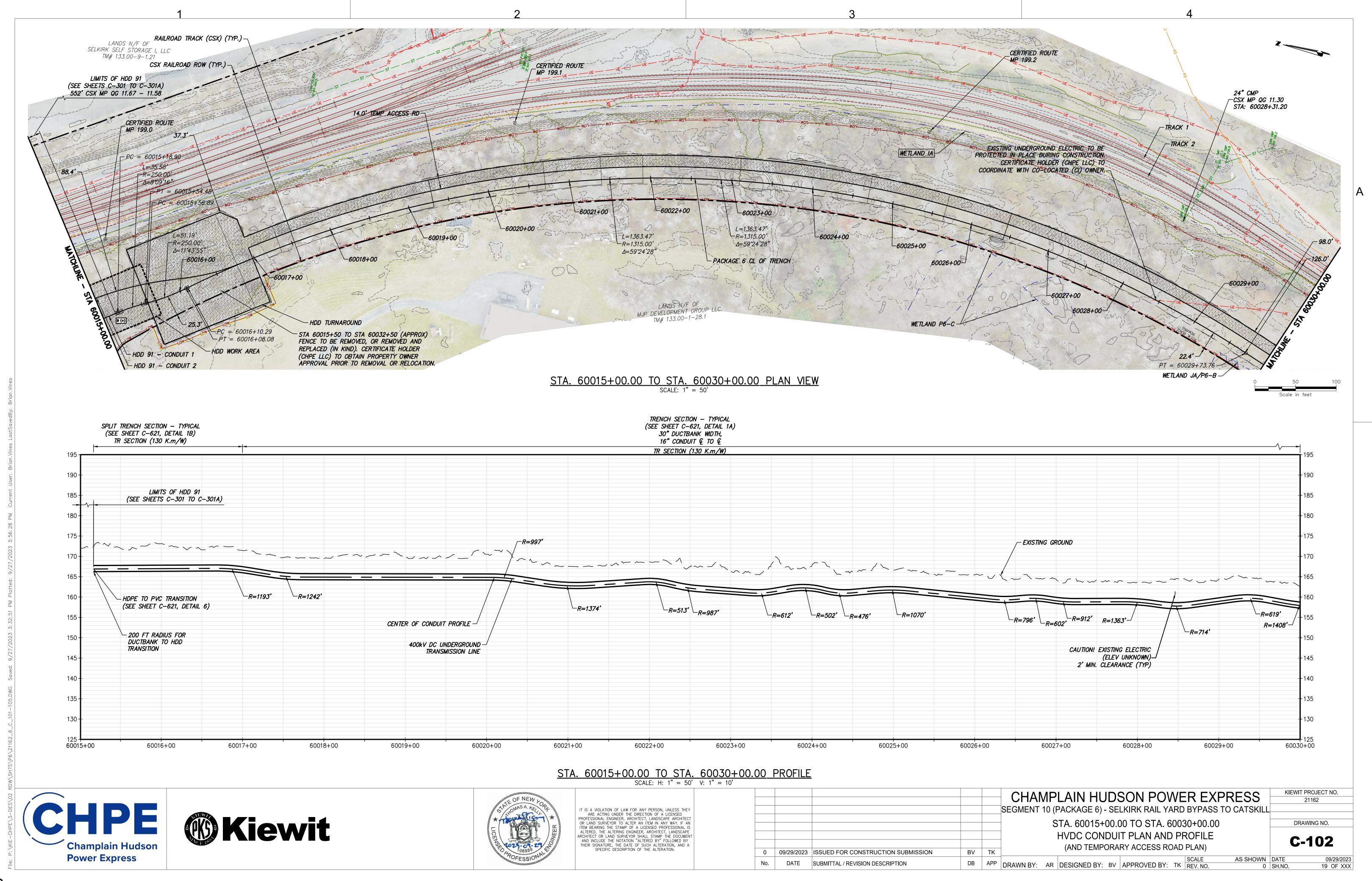
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