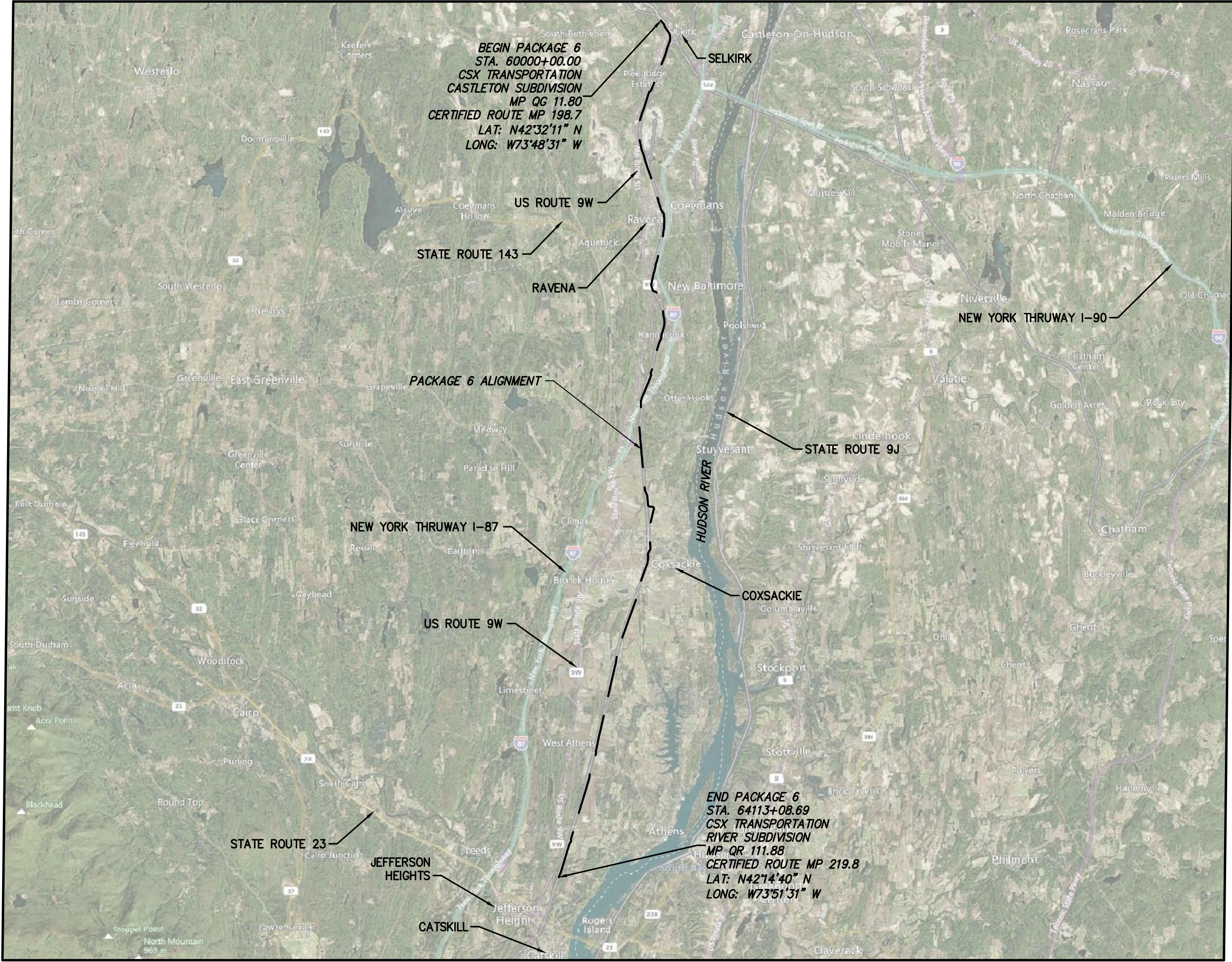


CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 10 (PACKAGE 6) CSX: SELKIRK RAIL YARD BYPASS TO CATSKILL

ALBANY & GREENE COUNTY, NEW YORK

ISSUED FOR CONSTRUCTION SUBMISSION PLANS



SITE LOCATION MAP
SCALE: 1" = 10000'



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					BV	TK	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION					DB	APP	

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

DRAWN BY:	AR	DESIGNED BY:	BV	APPROVED BY:	TK	SCALE	AS SHOWN	DATE	09/29/2023
						REV. NO.	0	SH.NO.	1 OF XXX

KIEWIT PROJECT NO.
21162

DRAWING NO.

G-000

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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	BV	TK	
No.	DATE	SUBMITTAL / REVISION DESCRIPTION	DB	APP	

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

DRAWN BY:	AR	DESIGNED BY:	BV	APPROVED BY:	TK	SCALE	AS SHOWN	DATE	09/29/2023
						REV. NO.	0	SH. NO.	4 OF XXX

KIEWIT PROJECT NO.	21162
DRAWING NO.	G-003



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

CIVIL NOTES:

1. 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
3. 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.
4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THE MINIMUM ALLOWABLE BENDING RADIUS OF THE CONDUITS MEETS THE MANUFACTURER'S REQUIREMENTS.
5. 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.
6. 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.
7. 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

1. THE CONTRACTOR SHALL OBSERVE AND ABIDE BY THE APPLICABLE POWER LINE SAFETY REGULATIONS 29 C.F.R. § 1926.1406 – 1926.1411.
2. THE CONTRACTOR SHALL TRAIN EMPLOYEES WORKING AS DEDICATED SPOTTERS IN ACCORDANCE WITH 29 C.F.R. § 1926.1408(G)(2).
3. CONSTRUCTION UNDER TRANSMISSION LINES REQUIRES A DEDICATED SPOTTER, AS APPLICABLE.
4. THE CONTRACTOR SHALL SUBMIT QUALIFIED INDIVIDUALS' RESUMES TO NATIONAL GRID.
5. A NATIONAL GRID GAS REPRESENTATIVE SHALL BE ON SITE WHILE CONSTRUCTION ACTIVITIES OCCUR NEAR NATIONAL GRID GAS PIPELINE CROSSINGS.
6. 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.

A

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CSX GENERAL NOTES:

1. AUTHORITY OF CSX ENGINEER:
- 1.a. THE CSX REPRESENTATIVE SHALL HAVE FINAL AUTHORITY IN ALL MATTERS AFFECTING THE SAFE MAINTENANCE OF CSX OPERATIONS AND CSX PROPERTY, AND HIS OR HER APPROVAL SHALL BE OBTAINED BY THE CHPE LLC OR ITS CONTRACTOR FOR METHODS OF CONSTRUCTION TO AVOID INTERFERENCE WITH CSX OPERATIONS IN CSX PROPERTY AND ALL OTHER MATTERS CONTEMPLATED BY THE AGREEMENT AND THESE SPECIAL PROVISIONS.
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.
3. 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.

BLASTING

- 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 SERVICE.
- 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 ¼ INCH x ¾ INCH IN SECTION. THE WIRE SHALL BE 9 GAUGE.



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

CSX GENERAL NOTES

KIEWIT PROJECT NO.	
21162	
DRAWING NO.	
G-004	
DATE	09/29/2023
SH.NO.	5 OF XXX

DRAWN BY:	DESIGNED BY:	APPROVED BY:	SCALE	AS SHOWN
			REV. NO.	0

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FOR INFORMATION, SEE ENVIRONMENTAL MANAGEMENT AND CONSTRUCTION PLAN NARRATIVE.



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





























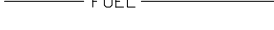





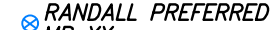



































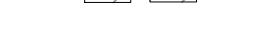







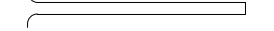



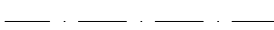

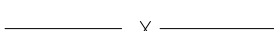









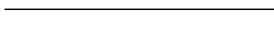







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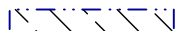
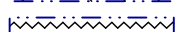
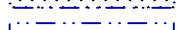

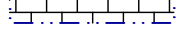







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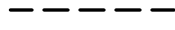














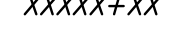




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LEGEND & ABBREVIATIONS

	EXIST. FIBER OPTIC LINE HANDHOLE		EXISTING SIGN
	EXIST. FIBER OPTIC LINE PEDESTAL		EXIST. STRUCTURE POST
	EXIST. FIBER OPTIC LINE DOGHOUSE		EXIST. STRUCTURE MAILBOX
	EXIST. FIBER OPTIC LINE MANHOLE		EXIST. GAS LINE
	EXIST. FIBER OPTIC LINE VAULT		EXIST. UNDERGROUND TELE.
	EXIST. FIBER OPTIC LINE BORE PIT		EXIST. FIBER OPTIC
	EXIST. FIBER OPTIC LOCK BOX		EXIST. OVERHEAD TELE.
	EXIST. GROUND ROD		EXIST. UNDERGROUND ELEC.
	EXIST. FIBER OPTIC MARKER POST		EXIST. OVERHEAD ELEC.
	EXIST. FIBER OPTIC BOX		EXIST. CULVERT
	EXIST. FIBER STORAGE		EXIST. SANITARY SEWER
	EXIST. FIRE HYDRANT		EXIST. STORM SEWER
	EXIST. WATER VALVE		EXIST. POTABLE WATER LINE
	EXIST. WATER MANHOLE		EXIST. FUEL LINE
	EXIST. WATER MARKER		EXIST. RAILROAD TRACK
	EXIST. SANITARY SEWER MANHOLE		CERTIFIED ROUTE PROVIDED BY CHPE KMZ
	EXIST. SANITARY SEWER VENT		RANDALL PREFERRED PROVIDED BY CHPE KMZ
	EXIST. STORM SEWER MANHOLE		EXIST. CONTOUR, INDEX
	EXIST. STORM SEWER CATCH BASIN		EXIST. CONTOUR, DEPRESSION INDEX
	EXIST. CULVERT INVERT		EXIST. CONTOUR, INTERMEDIATE
	EXIST. GAS MANHOLE		EXIST. CONTOUR, DEPRESSION INTERMEDIATE
	EXIST. GAS VALVE		EXIST. SPOT ELEVATION
	EXIST. GAS MARKER		EXIST. DEBRIS
	EXIST. GAS PIPELINE VENT		EXIST. FIELD LINE
	EXIST. LIGHT POLE		EXIST. LANDSCAPE AREA
	EXIST. UTILITY POLE		EXIST. PILE
	EXIST. ELEC. POLE		EXIST. STORAGE AREA
	EXIST. ELEC. TOWER		EXIST. NATURAL BOULDER
	EXIST. TRAFFIC LIGHT		EXIST. NATURAL SHRUB LINE
	EXIST. ELEC. METER		EXIST. NATURAL TREE LINE
	EXIST. ELEC. MANHOLE		EXIST. NATURAL SINGLE TREE/BUSH
	EXIST. ELEC. TRANSFORMER		EXIST. STRUCTURAL BUILDING
	EXIST. ELEC. VAULT		EXIST. PAVED DRIVE
	EXIST. ELEC. HANDHOLE		EXIST. PAVED ROAD
	EXIST. ELEC. PEDESTAL/BOX		EXIST. PAVED SHOULDER
	EXIST. ELEC. MARKER POST		EXIST. PAVED SIDEWALK
	EXIST. ELEC. GUY ANCHOR/WIRE		EXIST. GUARDRAIL
	EXIST. TELE. RISER/BOX		EXIST. TRAIL
	EXIST. TELE. MANHOLE		EXIST. FENCE
	EXIST. TELE. HANDHOLE		EXIST. WALL
	EXIST. TELE. PEDESTAL		EXIST. RETAINING WALL
	EXIST. TELE. DOGHOUSE		EXIST. MILEPOST NUMBER
	EXIST. TELE. MARKER POST		EXIST. MAPPING BOUNDARY
	EXIST. TELE. JUNCTION BOX		EXIST. GROUND CONTROL
	EXIST. TRAFFIC SIGNAL BOX		EXIST. RIGHT-OF-WAY
	EXIST. CELL TOWER		EXIST. ABUTTER
	EXIST. CABLE BOX		EXIST. WETLAND FLAG
	EXISTING MANHOLE UNKNOWN		EXIST. WETLANDS
	EXISTING UTILITY BOX UNKNOWN		EXIST. WATERBODY, STREAM, OR STREAM BANK
	EXISTING ANTENNA		
	EXISTING CAPPED IRON ROD		
	EXISTING IRON PIPE		
	EXISTING CONCRETE MONUMENT		
	EXISTING POST		
	EXISTING REFLECTOR MARKER		
	EXISTING SYMBOL		

- NOTES:
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 OF DISTURBANCE (LOD).

	PEM -- PALUSTRINE EMERGENT
	PSS -- PALUSTRINE SCRUB-SHRUB
	PFO -- PALUSTRINE FORESTED
	PUB -- PALUSTRINE UNCONSOLIDATED BOTTOM
	L1 -- LACUSTRINE LIMNETIC
	L2 -- LACUSTRINE LITTORAL
	NYSDEC FWV 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
	VEG. CLEARING -- TYPE II -- MECHANICAL CLEARING
	VEG. CLEARING -- TYPE III -- MOWING
	VEG. CLEARING -- TYPE IV -- MECHANICAL WHOLE-TREE FELLING
	PROP. WETLAND PROTECTION FENCE
	PROP. COMPOST FILTER SOCK (OR SILT SOCK)
	CHECK DAM
	SURFACE WATER FLOW
	PROP. TEMPORARY SWALE
	STABILIZED CONSTRUCTION ENTRANCE (TYP.)
	PROP. TEMP MAJOR CONTOUR
	PROP. TEMP MINOR CONTOUR
	PROP. LIMITS OF WORK/DISTURBANCE
	PROP. LIMITS OF CLEARING/LIMITS OF WORK IN CLEARING AREAS
	PROP. CONCRETE WASHOUT
	PROP. TEMP ACCESS ROAD RTE (EXISTING ROAD OR SURFACE)
	PROP. TEMP REFURBISHED ACCESS ROAD
	PROP. TEMP SHOULDER WIDENING
	PROP. TEMP ACCESS ROAD OR OFF SITE ACCESS ROAD
	PROP. WETLAND OR AGRICULTURAL LAND* WORKING SURFACE (SEE SHEET C-613) (*AGRICULTURAL LANDS MAY USE WETLAND WORKING SURFACE OR OTHER APPROVED MITIGATION METHODS)
	PROP. MILLING & RESURFACING
	PROP. SPLICE LOCATION
	PROP. SPLICE VAULT
	PROP. LINK BOX HANDHOLE
	PROP. FIBER SPLICE HANDHOLE
	PROP. BORING LOCATION
	PROP. ALIGNMENT STATIONING
	PROP. ALIGNMENT CENTERLINE
	PROP. LAYDOWN YARDS, PARKING, STORAGE & MUSTER AREA
	PROP. WORK AREAS
	7' FOUL ZONE: NO VEHICLES, MATERIALS, DISTURBANCE, PERSONNEL, OR WORK SHALL ENCROACH THE ZONE WITHIN 7FT OF THE NEAREST RAIL WITHOUT CSX COORDINATION AND APPROVAL
	PROP. SHORING/SHEETING
	PROP. TEMP EASEMENT
	PROP. PERM EASEMENT
	PROP. TEMP ACCESS EASEMENT
	SPLICE LOCATION POLE MARKER
	UNDERGROUND POWER CABLE POLE MARKER
	PROP. TRANSITION BOX MANHOLE
	DC CABLE IDENTIFICATION TAGS. SEE SHEET C--807 FOR MORE DETAILS

APP	APPROVED
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CONC	CONCRETE
DB	DESIGNED BY
DEC	NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DEG	DEGREES
DR	DRIVE
DZ	DEVIATION ZONE
E	EASTING
ELECTRIC	ELECTRIC CABLE
ELEV	ELEVATION
EQNAHD	STATION EQUATION AHEAD
EQNBK	STATION EQUATION BACK
EXIST	EXISTING
FIBER	FIBER OPTIC CABLE
FT	FEET
GAS	GAS PIPE
H	HORIZONTAL
HDD	HORIZONTAL DIRECTIONAL DRILLING
HVDC	HIGH-VOLTAGE DIRECT CURRENT TRANSMISSION LINE
INV	INVERT ELEVATION
LOW	LIMITS OF WORK
LT	LEFT
MAX	MAXIMUM
MIN	MINIMUM
N	NORTHING
NO	NUMBER
NY	NEW YORK
NYCDEP	NEW YORK CITY DEPT. OF ENVIRONMENT PROTECTION
NYCDOT	NEW YORK CITY DEPT. OF TRANSPORTATION
NYDPR	NEW YORK CITY DEPT. OF PARKS AND RECREATION
P#	PACKAGE #
PERM	PERMANENT
PROP.	PROPOSED
PVC	POLYVINYL CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REV	REVISION
ROW	RIGHT-OF-WAY
RT	RIGHT
RTE	ROUTE
SEWER	SANITARY SEWER PIPE
SH	SHEET
ST	STREET
STA	STATION
STORM	STORM DRAIN PIPE
TELECOM	TELECOMMUNICATIONS CABLE
TEMP	TEMPORARY
TR	THERMAL RESISTIVITY
TYP	TYPICAL
V	VERTICAL
WATER	WATERLINE

A



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

CHAMPLAIN HUDSON POWER EXPRESS					KIEWIT PROJECT NO. 21162	
SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL						
LEGEND AND ABBREVIATIONS					DRAWING NO. G-005	
DRAWN BY:	AR	DESIGNED BY:	BV	APPROVED BY:	TK	SCALE AS SHOWN
				REV. NO.	0	DATE 09/29/2023
						SH.NO. 6 OF XXX

B



0 2000 4000
Scale in feet



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

CHAMPLAIN HUDSON POWER EXPRESS
SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL
PLAN AND PROFILE KEY MAP

KIEWIT PROJECT NO.	
21162	
DRAWING NO.	
G-006	
E	09/29/2023
NO.	7 OF XXX

SEGMENT 10 – CONSTRUCTION METHODS

CHAPTER 4 –CONSTRUCTION METHODS	
TOPIC	SECTION OF EM&CP
CABLE INSTALLATION REQUIREMENTS	4.2
HORIZONTAL DIRECTIONAL DRILLING	4.3
INSTALLATION AND PERFORMANCE CONTROLS	4.3.1
BUILDINGS AND STRUCTURES WITHIN 100–FT OF HDD	4.3.2
INADVERTANT RELEASE CONTINGENCY PLAN AND DRILLING FLUID MANAGEMENT	4.3.3, APPENDIX J
ROAD CROSSING METHODS	4.3.4
TRENCHING	4.4
TRENCHING IN AGRICULTURAL LANDS	4.4.1
TRENCHING IN ROADWAYS	4.4.2
TRENCHING IN WETLANDS	4.4.3
LENGTH OF OPEN TRENCH	4.4.4
SPLICING AND JOINTING	4.4.5
DEWATERING METHODS	4.4.6
BEDDING AND BACKFILLING METHODS	4.4.7
DREDGING	NOTE APPLICABLE FOR THIS SEGMENT
CONVERTER STATION AND SUBSTATION REQUIREMENTS	NOTE APPLICABLE FOR THIS SEGMENT
RIGHT OF WAYS AND EASEMENTS	4.7
RIGHT OF WAY CLEARING	4.8 (SEE ALSO SECTION 8)
BUILDING AND STRUCTURE REMOVAL	4.9
ACCESS ROADS	4.10
DRIVEWAY ACCESS DURING CONSTRUCTION	4.10.2
ACCESS THROUGH WETLANDS OR STREAMS	4.10.3
ACCESS THROUGH AGRICULTURAL LANDS	4.10.4
DRAIN LINES AND UNDER DRAINS WITHIN AGRICULTURAL LANDS	4.10.5
SOIL MANAGEMENT PLAN	4.11 AND APPENDIX L
CULVERT REPLACEMENT	4.12

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

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

SEGMENT 10 – HDD INFORMATION AND ADJACENT STRUCTURES

TABLE 4–2 – SUMMARY OF PACELS WITHIN 100 FEET OF HDD OPERATIONS		
HDD #	PARCEL NUMBER	SHEET
HDD 91	133.00–9–1.1	C–101 TO C–102
HDD 91	133.00–1–28.1	C–101 TO C–102
HDD 91.A	144.–3–1	C–103 TO C–104
HDD 91.A	133.00–1–33	C–103 TO C–104
HDD 91.A	133.00–1–32	C–103 TO C–104
HDD 91.A	144.–1–16	C–103 TO C–104
HDD 91.A	144.–1–17	C–103 TO C–104
HDD 91.A	144.–1–15	C–103 TO C–104
HDD 91.A	133.00–1–34	C–103 TO C–104
HDD 91.A	133.00–1–35	C–103 TO C–104
HDD 91.A	144.–1–14	C–103 TO C–104
HDD 91.A	144.–1–13	C–103 TO C–104
HDD 91.A	133.00–1–35	C–103 TO C–104
HDD 91.A	144.–1–18	C–103 TO C–104
HDD 92 & 92.A	144.–1–29	C–107 TO C–109
HDD 92 & 92.A	144.–1–24	C–107 TO C–109
HDD 93	156.–2–1.11	C–111 TO C–112
HDD 93A	156.–2–1.41	C–112
HDD 93A	156.–2–1.12	C–112
HDD 93A	156.–2–1.42	C–112
HDD 94	168.40–1–25	C–117 TO C–118
HDD 94	168.10–5–1	C–117 TO C–118
HDD 94	168.40–1–19	C–117 TO C–118
HDD 94	168.10–4–11	C–117 TO C–118
HDD 94	168.40–1–17.1	C–117 TO C–118
HDD 94	168.40–1–20.1	C–117 TO C–118
HDD 94	168.10–7–18	C–117 TO C–118
HDD 94	168.10–7–9.1	C–117 TO C–118
HDD 94	168.40–1–22	C–117 TO C–118
HDD 94	168.40–1–24	C–117 TO C–118
HDD 94	168.10–4–13	C–117 TO C–118
HDD 94	168.10–4–12	C–117 TO C–118
HDD 94	168.10–4–15.1	C–117 TO C–118
HDD 94	168.40–1–21	C–117 TO C–118
HDD 95	168.–2–26	C–119 TO C–120
HDD 95	168.–2–24.8	C–119 TO C–120
HDD 96.A & 96.B	17.01–2–30	C–126 TO C–127
HDD 96.A & 96.B	7.03–2–23	C–126 TO C–127
HDD 96.A & 96.B	7.00–6–1	C–126 TO C–127
HDD 96.A & 96.B	7.03–2–10	C–126 TO C–127
HDD 96.XX	7.03–2–1	C–123 TO C–124
HDD 96.XX	7.03–2–4	C–123 TO C–124
HDD 96.XX	7.03–2–21	C–123 TO C–124
HDD 96.XX	7.03–2–2	C–123 TO C–124
HDD 96.XX	7.01–2–15	C–123 TO C–124
HDD 96.XX	7.01–2–21	C–123 TO C–124
HDD 96.XX	7.03–2–22	C–123 TO C–124
HDD 96.XX	7.03–2–25	C–123 TO C–124
HDD 96.XX	7.01–2–17	C–123 TO C–124
HDD 96.XX	7.01–2–10	C–123 TO C–124
HDD 97	17.01–3–4	C–128
HDD 97	17.01–2–2	C–128
HDD 97	17.00–2–10	C–128
HDD 97	17.03–2–28	C–128
HDD 98	29.01–2–19	C–132
HDD 98	17.03–2–27	C–132
HDD 99	29.01–2–8	C–133 TO C–134
HDD 99	29.01–2–15	C–133 TO C–134
HDD 99A	29.01–2–11	C–134 TO C–136
HDD 99A	29.00–3–20	C–134 TO C–136
HDD 101	29.00–3–17	C–136 AND C–137
HDD 101	29.00–3–16	C–136 AND C–137
HDD 101.A	41.00–1–29	C–139
HDD 101.A	41.00–1–30	C–139
HDD 102	41.00–5–29	C–140 TO C–142
HDD 102	41.00–5–26	C–140 TO C–142
HDD 102	41.00–5–6.2	C–140 TO C–142
HDD 102	41.00–5–6.11	C–140 TO C–142

HDD 102	41.00–5–3	C–140 TO C–142
HDD 102	41.00–1–25	C–140 TO C–142
HDD 102	41.00–1–24.1	C–140 TO C–142
HDD 103 & 104	56.10–2–46.1	C–144 TO C–146
HDD 103 & 104	56.10–1–6	C–144 TO C–146
HDD 103 & 104	56.10–2–53	C–144 TO C–146
HDD 103 & 104	56.10–2–7	C–144 TO C–146
HDD 103 & 104	56.14–2–2	C–144 TO C–146
HDD 103 & 104	56.10–2–40	C–144 TO C–146
HDD 103 & 104	56.10–2–46.2	C–144 TO C–146
HDD 103 & 104	56.09–1–10.2	C–144 TO C–146
HDD 103 & 104	56.10–2–36	C–144 TO C–146
HDD 103 & 104	56.10–2–54	C–144 TO C–146
HDD 103 & 104	56.14–2–39	C–144 TO C–146
HDD 103 & 104	56.14–1–18	C–144 TO C–146
HDD 103 & 104	56.10–2–37	C–144 TO C–146
HDD 103 & 104	56.14–2–1	C–144 TO C–146
HDD 103 & 104	56.10–2–52.112	C–144 TO C–146
HDD 103 & 104	56.10–2–35	C–144 TO C–146
HDD 103 & 104	56.10–2–34	C–144 TO C–146
HDD 103 & 104	56.10–1–12	C–144 TO C–146
HDD 103 & 104	56.10–2–6	C–144 TO C–146
HDD 103 & 104	56.10–1–5	C–144 TO C–146
HDD 103 & 104	56.10–2–52.111	C–144 TO C–146
HDD 103 & 104	56.10–2–38	C–144 TO C–146
HDD 103 & 104	56.10–1–7	C–144 TO C–146
HDD 103 & 104	56.10–1–16	C–144 TO C–146
HDD 103 & 104	56.14–2–40	C–144 TO C–146
HDD 103 & 104	56.14–2–41	C–144 TO C–146
HDD 105	56.14–1–19	C–147
HDD 105	56.18–1–18	C–147
HDD 105	56.14–2–37	C–147
HDD 105	56.14–4–22	C–147
HDD 105	56.18–1–6	C–147
HDD 105	56.18–1–5	C–147
HDD 107	71.00–1–1	C–150 TO C–150A
HDD 107	71.00–1–24	C–150 TO C–150A
HDD 107	71.00–1–2	C–150 TO C–150A
HDD 107	71.00–1–23	C–150 TO C–150A
HDD 107	71.00–4–1	C–150 TO C–150A
HDD 107	56.17–1–4	C–150 TO C–150A
HDD 107	71.00–4–3.2	C–150 TO C–150A
HDD 107	71.00–1–37	C–150 TO C–150A
HDD 107	71.00–1–22	C–150 TO C–150A
HDD 108	88.00–1–41	C–155 AND C–156
HDD 108	88.00–1–2	C–155 AND 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
HDD 110	104.00–4–32	C–163 AND C–164
HDD 111	104.00–4–28	C–164 AND C–165
HDD 111	104.00–4–39	C–164 AND C–165
HDD 111	104.00–4–27.2	C–164 AND C–165
HDD 111	104.00–4–27.2	C–164 AND C–165
HDD 111.A	139.00–4–36	C–173 AND C–174
HDD 111.A	139.00–2–13	C–173 AND C–174
HDD 111.A	139.00–4–37	C–173 AND C–174
HDD 111.A	139.00–4–39	C–173 AND C–174
HDD 111.A	139.00–10–10.1	C–173 AND C–174

SEGMENT 10 – FACILITY OWNERSHIP AND EASEMENTS

TABLE 4–4 –FACILITY ROW OWNERSHIP FOR SEGMENT 10							
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
ALBANY	BETHLEHEM		ROUTE 9W	60011+05	60012+20	PUBLIC	PERMANENT
ALBANY	BETHLEHEM		ROUTE 9W	60011+55	60012+50	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	BETHLEHEM	133.00–1–28.1	MJP DEVELOPMENT GROUP LLC	60015+50	60017+05	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	BETHLEHEM	133.00–1–30	JOHN M. VADNEY	60033+31	60036+75	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	BETHLEHEM	109.00–4–1.1	NIAGRA MOHAWK POWER CORP.	60038+37	60038+55	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	BETHLEHEM	133.00–1–31	DAWN L. LIUZZI	60038+55	60038+67	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	BETHLEHEM	133.00–1–32	RICHARD H. KASER JR.	60038+67	60038+95	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	BETHLEHEM	133.00–1–30	JOHN M. VADNEY	60039+57	60039+63	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	COEYMANS	144.–1–10	BORGER, PAUL O JR	60046+21	60049+45	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–13	A.E.DELI PLUS, INC.	60049+45	60051+45	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–14	DAVID P. FRUEH	60051+45	60051+75	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–18	WESTCONN RECYCLING LLC	60057+53	60062+17	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–19	SATINA NOBLE	60062+17	60063+64	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–20	ROBERT J. STILLWELL	60063+64	60065+17	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–24	PASTURES OF ALBANY LLC	60076+77	60090+70	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	COEYMANS	144.–1–24	PASTURES OF ALBANY LLC	60090+50	60090+70	PRIVATE	PERMANENT
ALBANY	COEYMANS	144.–1–24	PASTURES OF ALBANY LLC	60082+00	60090+70	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–24	PASTURES OF ALBANY LLC	60097+67	60100+72	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS		OLD RAVENA ROAD	60110+30	60112+16	PUBLIC	PERMANENT
ALBANY	COEYMANS	144.–1–29	GEORGE LAMOUNTAIN	60112+16	60123+56	PRIVATE	PERMANENT
ALBANY	COEYMANS	144.–1–29	GEORGE LAMOUNTAIN	60118+77	60123+39	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–29	GEORGE LAMOUNTAIN	60119+08	60123+39	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–51	KAREN VITKUS	60123+56	60125+65	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	144.–1–51	KAREN VITKUS	60123+56	60125+65	PRIVATE	PERMANENT
ALBANY	COEYMANS	144.–1–51	KAREN VITKUS	60123+56	60125+65	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60125+65	60128+10	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60125+65	60128+18	PRIVATE	PERMANENT
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60125+65	60148+05	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	COEYMANS	156.–2–3	FRANK WHITING	60149+16	60149+48	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60149+48	60155+01	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60168+45	60173+15	PRIVATE	PERMANENT
ALBANY	COEYMANS	156.–2–1.11	ATLANTIC CEMENT CO INC	60168+55	60172+55	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	COEYMANS	156.–2–1.41	GINA AL–MAHDI	60169+05	60169+31	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	COEYMANS	156.–2–1.42	RAVENA SECURE STORAGE LLC	60173+15	60177+45	PRIVATE	PERMANENT
ALBANY	COEYMANS	156.–2–1.12	JODY LISA	60179+31	60192+93	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA		WINNIE AVE.	60192+15	60193+76	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	156.–5–32	MONICA GREATHOUSE	60192+25	60193+76	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	156.–5–36	FRANK P. MILANO	60203+30	60204+53	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	156.–5–36	FRANK P. MILANO	60203+85	60204+57	PRIVATE	PERMANENT

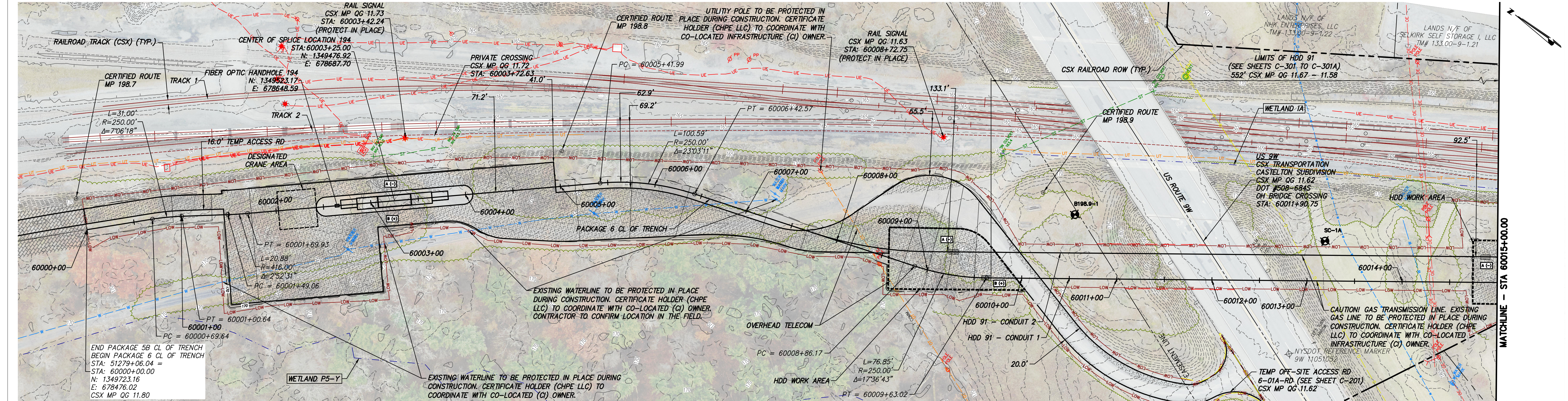
SEGMENT 10 – FACILITY OWNERSHIP AND EASEMENTS(CONTINUED)

TABLE 4-4 -FACILITY ROW OWNERSHIP FOR SEGMENT 10							
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
ALBANY	RAVENA	156.-5-37	SECOND GARDEN PARK	60204+57	60212+48	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	156.-5-37	SECOND GARDEN PARK	60204+57	60205+57	PRIVATE	PERMANENT
ALBANY	RAVENA	156.-5-37	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		RUSSELL PLACE	61246+42	61246+64	PUBLIC	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	168.40-1-17.1	DANIEL BURNS	61246+64	61247+10	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA	168.40-1-19	MILKAS CORP	61247+10	61247+40	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	RAVENA		MAIN STREET	61249+17	61249+76	PUBLIC	PERMANENT
ALBANY	RAVENA		GEDNEY AVENUE	61250+12	61251+80	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
ALBANY	RAVENA	168.10-7-6	PERISCO OIL COMPANY INC	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	168.-2-24.8	H & H LAND HOLDING CORP	61266+90	61283+52	PRIVATE	PERMANENT
ALBANY	COEYMANS	168.-2-24.8	H & H LAND HOLDING CORP	61266+90	61283+52	PRIVATE	TEMPORARY CONSTRUCTION
ALBANY	COEYMANS	168.-2-26	CENTRAL HUDSON GAS & ELECTRIC	61282+20	61286+84	PRIVATE	PERMANENT
ALBANY	COEYMANS	168.-2-26	CENTRAL HUDSON GAS & ELECTRIC	61279+80	61283+53	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE		NEW YORK STATE THROUGHWAY ROW	61283+53	61299+86	PUBLIC	PERMANENT
GREENE	NEW BALTIMORE		NEW YORK STATE THROUGHWAY ROW	61295+61	61299+86	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	1.00-2-3.2	PACKAGE PAVEMENT CO INC	61297+00	61304+00	PRIVATE	TEMPORARY CONSTRUCTION (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	NEW BALTIMORE	7.01-2-2.1	IRISH FIELDS LLC	61299+86	61319+55	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.01-2-10	LONG ISLAND TEEN CHALLENGE	61319+55	61335+45	PRIVATE	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	CENTRAL HUDSON GAS & ELEC CORP	61346+67	61348+40	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-2	CENTRAL HUDSON GAS & 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	CENTRAL HUDSON GAS & ELEC CORP	61348+40	61348+50	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-25	VILLAGE OF RAVENA	61348+50	61353+64	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	7.03-2-24	CLIFTON PARK MATERIALS GROUP L	61350+37	61356+71	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.03-2-22	CLIFTON PARK MATERIALS GROUP L	61353+64	61355+00	PRIVATE	PERMANENT

TABLE 4-4 -FACILITY ROW OWNERSHIP FOR SEGMENT 10							
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
GREENE	NEW BALTIMORE	7.03-2-22	CLIFTON PARK MATERIALS GROUP L	61353+64	61355+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	7.03-2-23	CLIFTON PARK MATERIALS GROUP L	61355+00	61375+22	PRIVATE	TEMPORARY CONSTRUCTION
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 CONSTRUCTION
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 CONSTRUCTION
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 CONSTRUCTION
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 CONSTRUCTION
GREENE	NEW BALTIMORE	17.01-3-4	UNKNOWN LAND OWNER	61413+00	61418+00	PRIVAT	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE		STATE ROUTE 144	61415+50	61418+00	PUBLIC	TEMPORARY CONSTRUCTION
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 CONSTRUCTION
GREENE	NEW BALTIMORE	17.03-2-28	PAUL SCHILLER	62452+60	62457+74	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	17.03-2-27	NEW BALTIMORE STATION LLC	62454+90	62455+68	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62465+34	62468+28	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62465+34	62490+48	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62465+53	62476+80	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62476+60	62481+15	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	29.01-2-15	US ROUTE 9W LLC	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-18	TARA C KLEIN	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-5.1	RYAN F HOBART	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-5.2	ROBERT E ARNOLD	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-19	PETER DEFIGLIO JR	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-3	EWALD E AIERLE	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-2	CHARLES D SELL	62476+71	62476+96	PRIVATE	TEMPORARY CONSTRUCTION (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 CONSTRUCTION
GREENE	NEW BALTIMORE	29.01-2-21	KENNETH A OVERBAUGH	62500+50	62501+50	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	NEW BALTIMORE	29.01-2-12	KENNETH A OVERBAUGH	62500+50	62501+50	PRIVATE	TEMPORARY CONSTRUCTION (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 CONSTRUCTION
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 CONSTRUCTION
GREENE	NEW BALTIMORE	29.00-3-16	BHINISH SHAH	62537+12	62537+32	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	29.00-3-16	BHINISH SHAH	62537+12	62557+60	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	29.00-3-16	BHINISH SHAH	62547+90	62557+60	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-2	NEW BALTIMORE SUNNY FARMS	62557+60	62570+50	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-2	NEW BALTIMORE SUNNY FARMS	62557+60	62570+50	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-2	NEW BALTIMORE SUNNY FARMS	62557+60	62570+50	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-30	NEW BALTIMORE SUNNY FARMS	62570+50	62576+00	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	NEW BALTIMORE	41.00-1-30	NEW BALTIMORE SUNNY FARMS	62570+50	62579+83	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-30	NEW BALTIMORE SUNNY FARMS	62570+50	62576+00	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)

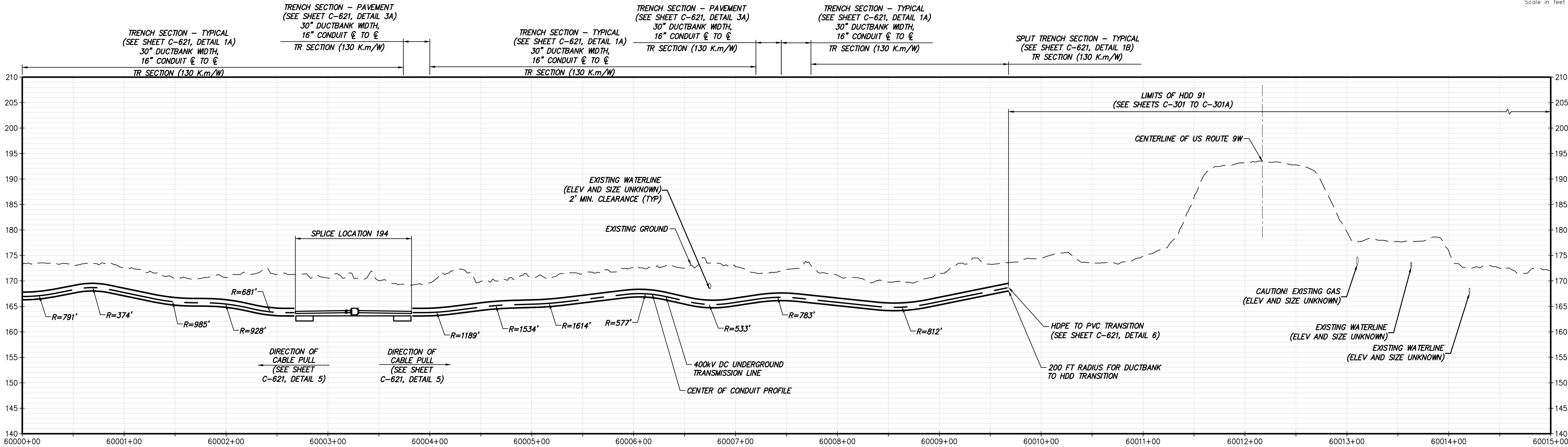
TABLE 4-4 --FACILITY ROW OWNERSHIP FOR SEGMENT 10							
COUNTY	TOWN	PARCEL NUMBER	PROPERTY OWNER	STATION START	STATION END	OWNER TYPE	TYPE OF EASEMENT
GREENE	NEW BALTIMORE	41.00-1-29	NANCY J MCOWEN TRUST	62579+83	62591+00	PRIVATE	PERMANENT
GREENE	NEW BALTIMORE	41.00-1-29	NANCY J MCOWEN TRUST	62579+83	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 CONSTRUCTION
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 CONSTRUCTION
GREENE	COXSACKIE		RIVER RD.	62641+25	62660+50	PUBLIC	PERMANENT
GREENE	COXSACKIE		RIVER RD.	62639+00	62660+50	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		LAWRENCE AVE.	62660+50	62666+75	PUBLIC	PERMANENT
GREENE	COXSACKIE		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 CONSTRUCTION
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 CONSTRUCTION
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	56.10-2-52.111 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 CONSTRUCTION
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 CONSTRUCTION
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 LLC	62696+60	62697+25	PRIVATE	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	COXSACKIE	56.18-1-18	GREENE COUNTY INDUSTRIAL DEV.	62697+25	62708+30	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	56.18-1-18	GREENE COUNTY INDUSTRIAL DEV.	62697+25	62708+30	PRIVATE	PERMANENT
GREENE	COXSACKIE	56.18-1-18	GREENE COUNTY INDUSTRIAL DEV.	62697+25	62708+30	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	56.18-1-19	TOWN OF COXSACKIE	62696+60	62697+25	PUBLIC	TEMPORARY CONSTRUCTION (ACCESS RD)
GREENE	COXSACKIE		BAILEY STREET/SUNSET BLVD	62708+80	62716+95	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		BAILEY STREET/SUNSET BLVD	62708+80	62716+95	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		BAILEY 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 CONSTRUCTION
GREENE	COXSACKIE		FLINT MINE ROAD	62749+00	62749+50	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE		FLINT MINE ROAD	62749+00	62749+50	PUBLIC	PERMANENT
GREENE	COXSACKIE		FLINT MINE ROAD	62749+00	62749+50	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PRIVATE	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PRIVATE	PERMANENT
GREENE	COXSACKIE	71.00-4-1	STATE OF NEW YORK	62749+50	63761+60	PUBLIC	TEMPORARY CONSTRUCTION
GREENE	COXSACKIE	71.00-4-11	JOHN P FLACH	63761+60	63794+91	PRIVATE	TEMPORARY CONSTRUCTION

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STA. 60000+00.00 TO STA. 60015+00.00 PLAN VIEW

SCALE: 1" = 50'




STA. 60000+00.00 TO STA. 60015+00.00 PROFILE


SCALE: H: 1" = 50' V: 1" = 10'



CHPE
Champlain Hudson
Power Express



Kiewit



THOMAS A. KELLY
1027-01-15
106559
LICENSED PROFESSIONAL ENGINEER

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.

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

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

STA. 60000+00.00 TO STA. 60015+00.00
HVDC CONDUIT PLAN AND PROFILE
(AND TEMPORARY ACCESS ROAD PLAN)

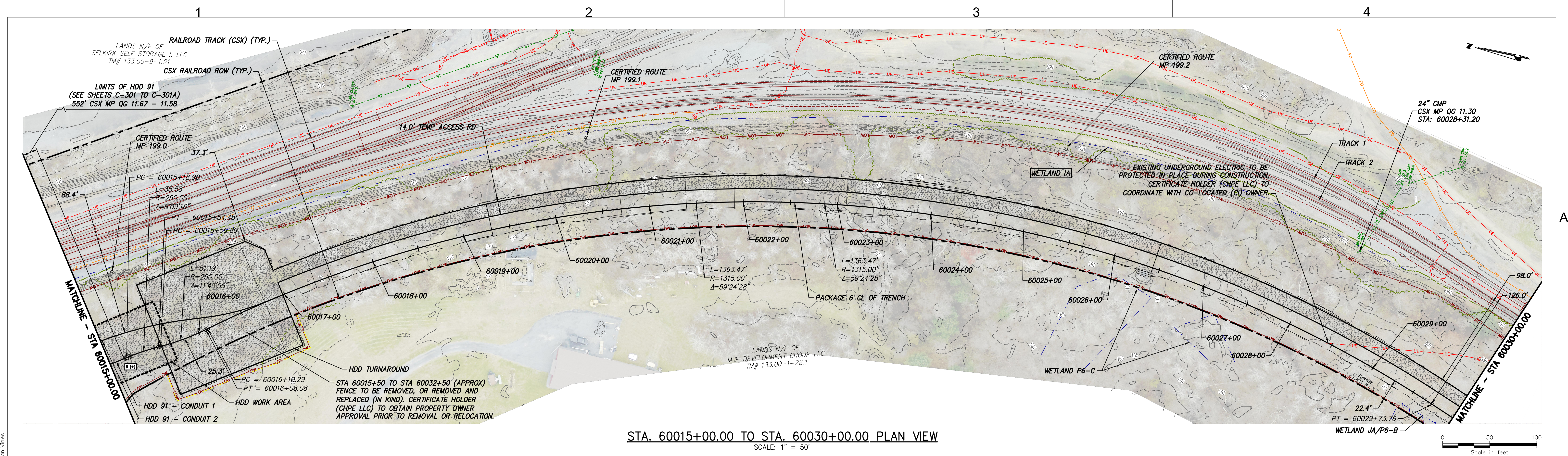
KIEWIT PROJECT NO.
21162

DRAWING NO.
C-101

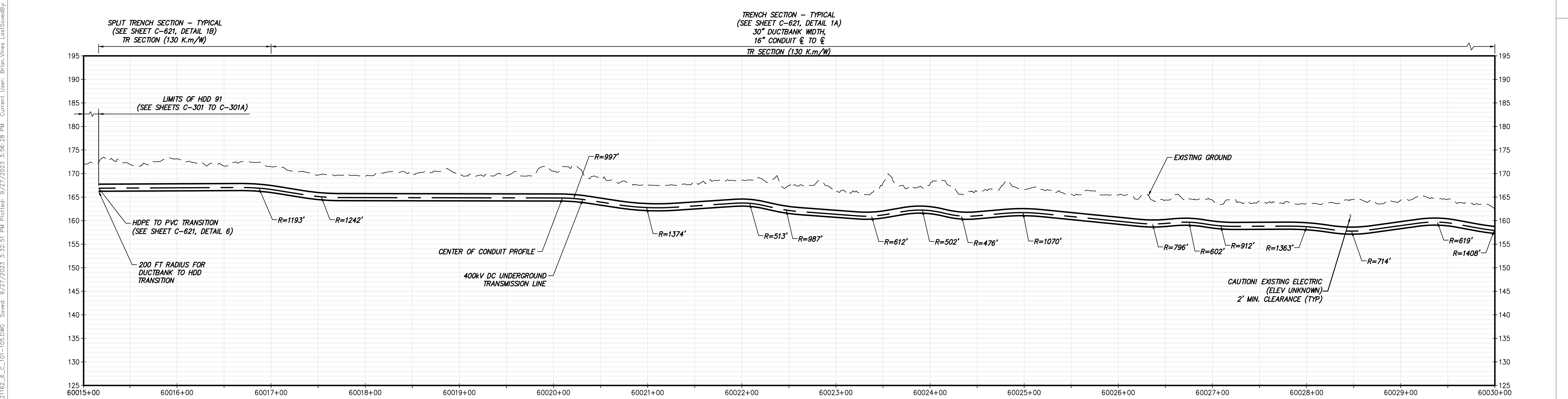
DATE
09/29/2023

SH.NO.
18 OF XXX



DRAWN BY:	AR	DESIGNED BY:	BV	APPROVED BY:	TK
SCALE	AS SHOWN	DATE	09/29/2023	REV. NO.	0




STA. 60015+00.00 TO STA. 60030+00.00 PLAN VIEW
SCALE: 1" = 50'



STA. 60015+00.00 TO STA. 60030+00.00 PROFILE
SCALE: H: 1" = 50' V: 1" = 10'





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.

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

CHAMPLAIN HUDSON POWER EXPRESS

SEGMENT 10 (PACKAGE 6) - SELKIRK RAIL YARD BYPASS TO CATSKILL

STA. 60015+00.00 TO STA. 60030+00.00
HVDC CONDUIT PLAN AND PROFILE
(AND TEMPORARY ACCESS ROAD PLAN)

DRAWN BY: AR
DESIGNED BY: BV
APPROVED BY: TK

SCALE: AS SHOWN
REV. NO. 0

KIEWIT PROJECT NO. 21162

DRAWING NO. **C-102**

DATE 09/29/2023
SH. NO. 19 OF XXX