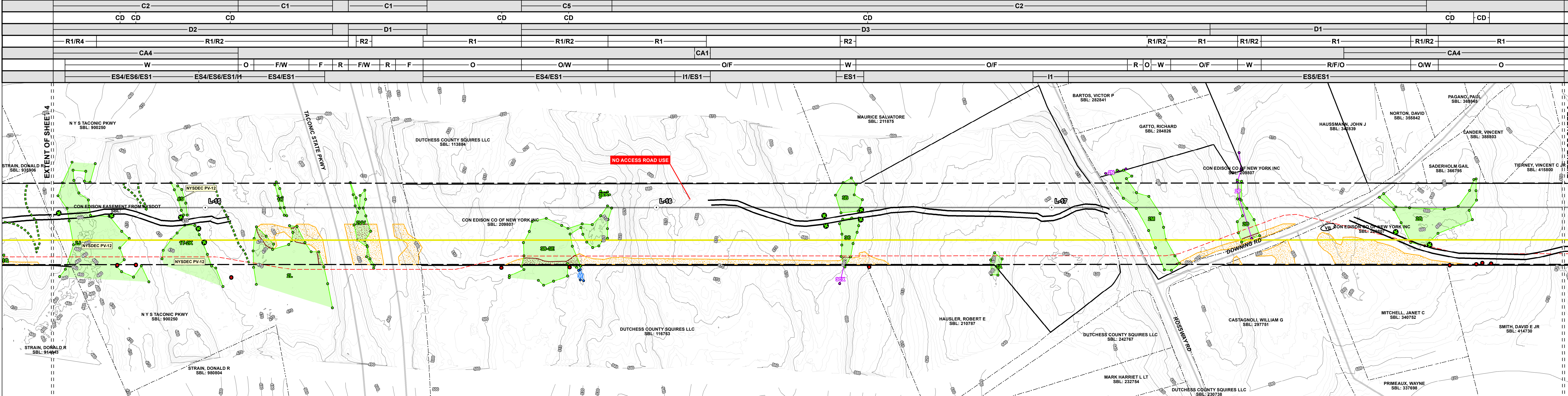
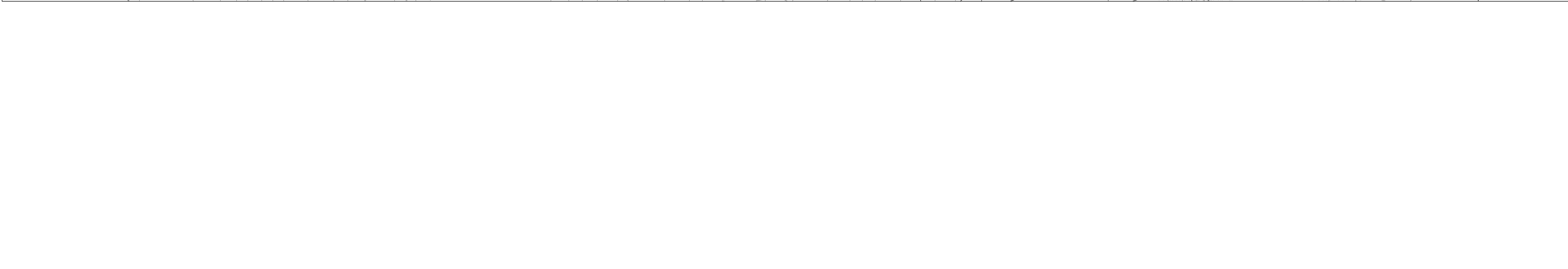


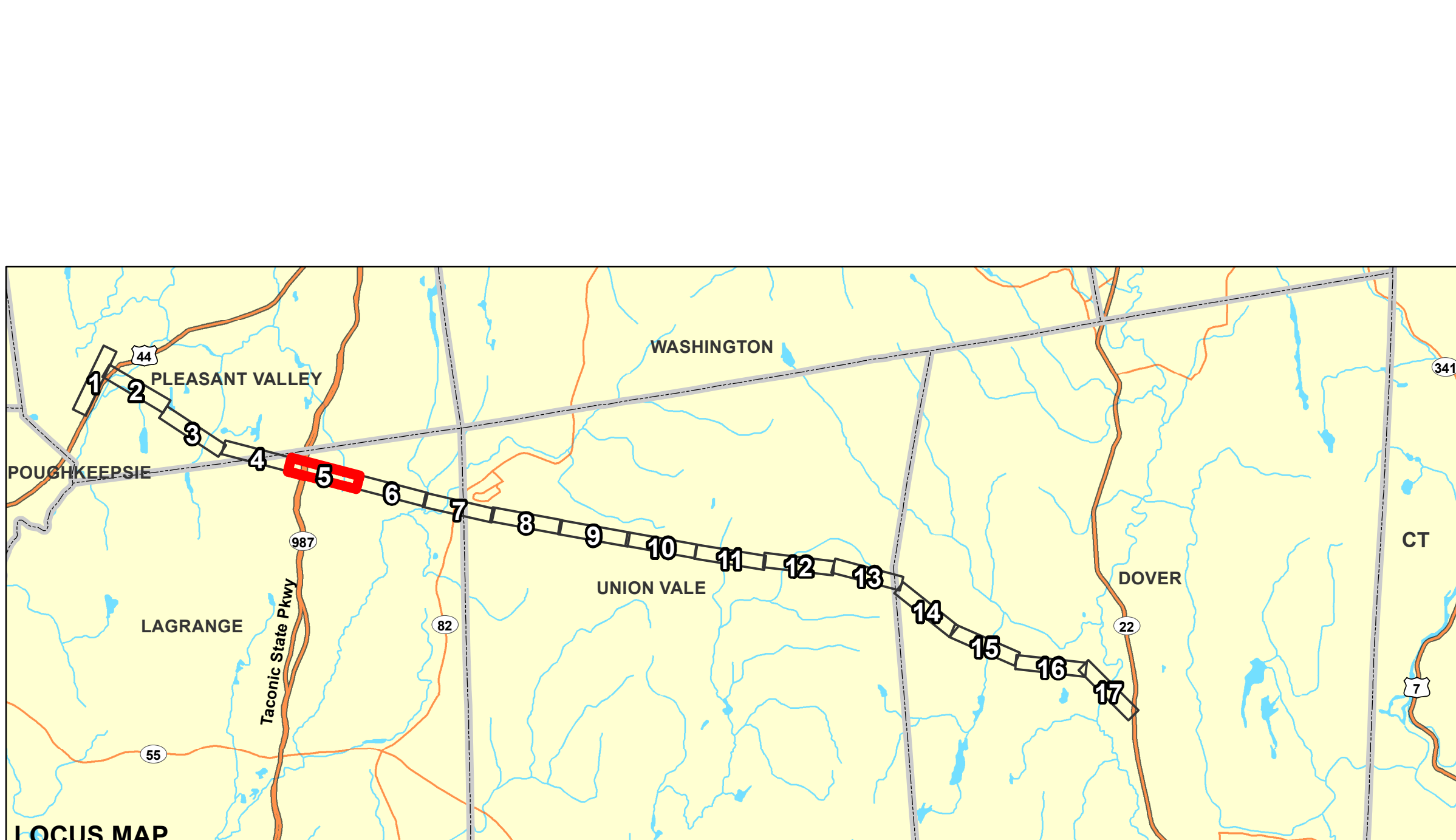
- CLEARING AND DANGER TREES**
- C1 – Mechanized Type I Clearing: mechanized tree clearing and/or mowing of all shrubs and herbaceous plants, including desirable species, as needed to allow construction or access.
 - C2 – Selective Type III Clearing: mechanized equipment clearing only tall-growing species. Work pads and stringing areas within C2 clearing areas will be cleared using C1 methods.
 - C3 – Type IV Clearing: pruning trees not rooted within the ROW that do not qualify as danger trees.
 - C4 – Selective clearing in wetlands: hand cutting only. No vegetation can be permanently piled in wetlands or in 100' NYSDEC adjacent areas.
 - C5 – Clearing not required.
 - C6 – Tree clearing within wetlands will occur in frozen or dry ground conditions or by utilizing low-ground pressure equipment and/or swamp mats.
 - C7 – Remove only the minimum vegetation necessary to allow construction and operation of the facilities within 50' of streams and in 100' NYSDEC adjacent areas.
 - C8 – Locations where tree clearing up to 25' off of ROW edge is allowed.
- DISPOSAL METHODS**
- D1 – Type D Chipping.
 - D1a – No chipping or disposal allowed in NYSDEC wetlands, agricultural areas, along streams and drainage-ways, and other specified areas, although chips 3' deep allowed in 100' NYSDEC adjacent areas.
 - D2 – Type B Collect and Pile all slash (un-merchantable wood) in designated areas, excluding NYSDEC wetlands and 100' NYSDEC adjacent areas.
 - D3 – Type C Drop and Log all slash (un-merchantable wood) in areas where removal could damage/destroy desirable species.
 - D3a – Drop and Log selective vegetation in wetlands/ear streams. Only remove vegetation that could block flow or trap debris in wetland/stream. Wetland undergrowth will not be disturbed.
 - D4 – Dispose of Black Cherry and other species toxic to livestock from area to prevent livestock exposure.



- CLEARING**
- DANGER TREES**
- DISPOSAL METHODS**
- RESTRICTIONS**
- CONSTRUCTION ACCESS**
- LAND USE**
- ADDITIONAL REQUIREMENTS**
- D5 – On-site disposal area for excavated subsoil and rock (See BMP Manual 4.1.4).
 - D6 – Type A wood disposal: separate, skid, and yard merchantable timber. No Type A in NYSDEC wetlands or in 100' NYSDEC adjacent areas.
- RESTRICTIONS**
- R1 – Use state-approved pesticides (including herbicides) between 10/1 and 5/31 only.
 - R2 – Within all streams and wetlands and within 100' of any stream or wetland, including NYSDEC wetlands and 100' NYSDEC adjacent areas, and any watercourses (streams), the following are not allowed except under specific circumstances as allowed by BMP (see Sheet xx for details or BMP Section 3.2):
 - Storing, mixing, or loading of chemicals or petroleum products.
 - Refueling of construction equipment.
 - Washing of equipment or machinery.
 - Allowing runoff from washing operations to enter any wetland or watercourse.
 - No direct discharges of water from de-watering operations.
 - R3 – No laydown or staging in agricultural lands to the extent practicable.
 - R4 – Limited Access: construction equipment will only be allowed access in wetlands or allowed to cross streams and ditches on timber mats, bridges (or equivalent) to minimize soil disturbance.
 - R5 – Site preparation and construction to be completed using helicopter; access roads will not be used between 4/1 and 9/30.
- CONSTRUCTION ACCESS**
- CA1 – Permanent spur roads (Type 2) installed consisting of compacted sub-grade and a surface course of crushed stone on filter fabric. No new stone will be added to existing stone surfaces. Spur road construction access limited to a 12' width (or as depicted on- or off-ROW access plans) or to a work area as depicted on the plan and profile drawings. Access way to be cleared of all vegetation per Type I Clearing, if necessary. Tree stumps are to be no greater than 2' in height. As necessary for safety purposes, individual stumps, rocks, or other debris may be removed.
 - CA2 – Construction access employing dozer assist.
 - CA3 – Stabilized construction entrance at intersection of ROW and each paved public road or street. Comprised of at least six 6'x6' crushed stone on geo-textile fabric extending 50' into the ROW.
 - CA4 – Environmental Monitor (EM) oversight required during access, or inspection of ROW by EM prior to vehicle access required.
 - CA5 – Temporary access road across agricultural land (Type 3). Construction mats will be used for vehicular access if it is determined that equipment will damage existing land surface; or topsoil will be stripped, stockpiled, and restored.
 - CA6 – Locations accessed by helicopter only during seasonal restrictions (April 1 to September 30 restricted time period).
 - CA7 – Construction access using 4WD or equivalent vehicle only.
- AGRICULTURAL LAND**
- A – Agricultural lands and livestock pens, the following applies:
 - Parking areas, construction staging, and support facilities will be located outside actively farmed lands to the extent possible. Disturbance areas will be marked prior to construction.
 - Storage for subsoil and rock only to be placed as identified. Separate topsoil for future use.
 - Those areas denoted with an asterisk (*) qualify as vulnerable or unique. Vulnerable agricultural soils are defined as areas of cropland, hayland, or pasture which are somewhat more highly sensitive than other agricultural soils to construction disturbance due to slope, relative soil wetness, and/or shallowness to bedrock.
- LAND USE**
- A – Agricultural
 - D – Developed
 - F – Forested
 - O – Open Land/Undeveloped
 - R – Road
 - W – Wetland/Water Body



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- ADDITIONAL REQUIREMENTS:**
- ENVIRONMENTALLY SENSITIVE AREAS**
- ES1 – Environmentally sensitive area:
- Install ENVIRONMENTALLY SENSITIVE AREA signs every 100', including workpads.
 - No parking within 100'.
 - No storage of fuels, herbicides, or potentially hazardous materials.
 - Refueling only under direction of Environmental Monitor.
- ES2 – Type I fencing installation (see BMP or Sheet X for detail).
- ES3 – Significant Natural Community area. Avoid to maximum extent practicable. Boundaries marked in the field to ensure protection.
- ES4 – Following RTE restrictions apply:
- Acceptable for brush to be piled as an enhancement to the habitat (roughly 64 square feet made up of small diameter, 3' or less brush, in shallow open water, up to 3 piles per wetland).
 - No storage or parking of construction equipment, fuel, and related items within 300' of wetlands or without appropriate precautions.
 - Install Type II barrier fencing around construction pad and along spur roads.
 - At wetland and stream crossings within sensitive habitat, install silt fence (Type I) or a suitable equivalent on both sides of the access road through the crossing and also 50' beyond the crossing.
- ES5 – Following RTE restrictions apply:
- Tree clearing to be completed within wetlands will be completed between 10/1 and 3/31, during frozen ground or snow-covered conditions.
 - Individual logs may be left in place at the edge of open water locations to provide basking habitat, every 300' of shore line with no more than 2 logs per wetland.
 - Trees will be felled away from any open water areas and not allowed to impact aquatic vegetation.
 - Crossings over open water areas not allowed, even if frozen.
 - Install Type II barrier fencing around construction pad and along spur roads.
- ES6 – Following RTE restrictions apply:
- After construction, a 25' x 25' construction pad will be left in place around each tower; the remainder of the 100' x 100' pad will be removed and the area restored to approximate original grades.
 - If loose rock >1' diameter is moved during construction, rocks will be preserved and restored after construction, as specified further by the Environmental Monitor.
 - Install Type III barrier fencing around construction pad and along spur roads.
 - Tree clearing under snow-covered or frozen ground conditions.

- INVASIVE SPECIES**
- I1 – Invasive Species area. The following will apply (see Section 7.2 BMP for details):
- Minimize soil disturbance. Excavated material will be reused within the limits of the infestation or disposed of as described in BMP. Re-vegetate bare soils as soon as feasible. Seed will be broadcast and covered with mulch layer such as straw. Stabilize disturbed soils using erosion and sediment controls as soon as possible.
 - Equipment must be cleaned with brush, broom, or shovel or high pressure air prior to leaving the invasive species identified area. Consider tracking pads to remove soil from equipment; tracking pads must be cleaned. Do not clean equipment near waterways.
 - Staging shall occur outside of invasive species area.
 - If construction matting is required, the matting must be visibly clean, installed prior to activities, and cleaned before leaving the area.
 - Inspection and cleaning when moving from an infested area to un-infested area. Clean clothing, footwear, and gear.
 - Disposal limitations. Cleaning shall take place immediately adjacent to currently impacted areas. No cleaning near wetlands, water bodies, or storm drains.

LEGEND

- Transmission Corridor
- Con Edison Property Line
- Proposed Structure
- Existing Structure
- Existing Transmission Line
- Electric Distribution Pole
- Central Hudson Gas Pipeline
- Iroquois Gas Pipeline
- Work Pad
- Stringing Site, Trailer
- Laydown Area & Storage Area Limits
- Laydown Area Gravel
- Concrete Washout Area
- Merchantable Timber Stockpile Area
- Existing Bridge
- Existing Culvert
- Extent of Sheet
- Parcel Boundary
- Access Roads (Existing)
 - No Limit
 - No Limit with Dozer Assist
 - 4WD or Equivalent Vehicle Only
 - OFF ROW
- Spur Roads (New & Permanent)
 - No Limit
 - No Limit with Dozer Assist
 - 4WD or Equivalent Vehicle Only
- Stabilized Construction Entrance
- Environmentally Sensitive Area Signage (approx.)
 - Danger Tree
 - Stringing Centerline
 - Stream
 - Wetland
 - 100' from NYSDEC Wetland (Adjacent Area)
 - Estimated Upland Tree Clearing Area
 - Estimated Wetland Tree Clearing Area
- Basemap Features
 - Elevation Contour (Feet)
 - Road Centerline
 - Town Boundary

TREE CLEARING PLAN

Scale 1:1,440

0 60 120 240 feet

CRICKET VALLEY ENERGY TRANSMISSION
DUTCHESS COUNTY, NEW YORK

SHEET T5 OF T17

Professional Engineer Seal: PAUL G. CASPARI, No. 089902, State of New York.

Contour Interval: 2-ft Interval, 10-ft Majors
Vertical Datum: North American Vertical Datum of 1988 (NAVD88), Feet
Horizontal Datum: NAD 1983 State Plane New York East FIPS 3101, Feet
Data Sources: 2013 LIDAR Elevation Data, DiGioia Gray; 2014 USGS National Elevation Data, USDA/NRCS; 2015/2016 Aerial Imagery, Microsoft Bing Maps