



Milvon to West River Railroad Transmission Line 115-kV Rebuild Project CTDEEP NDDDB Species Protection Best Management Practices (BMPs)

The best management practices (BMPs) and recommendations for the Milvon to West River Railroad Transmission Line 115-kV Rebuild Project are based on The United Illuminating Company's Connecticut Department of Energy & Environmental Protection (CTDEEP) Natural Diversity Database (NDDDB) Determination No. 202073487, received December 27, 2020. This plan includes species identified by the CT DEEP NDDDB that could potentially be found in the project corridor and those applicable BMPs United Illuminating and its contractors will follow during construction.

The CT DEEP NDDDB review is intended for the identification and protection of potential state-listed species. The United Illuminating Company recognizes the importance and prioritizes the protection of the existing environment, utilizing the following listed BMPs. It is important to note that this is not a comprehensive list of all BMPs, and additional measures will be implemented, as applicable, by the project contractors during construction.

Please note that the information included in the Determination and this BMP Summary are derived from CTDEEP NDDDB maps that represent approximate locations of endangered, threatened, and special concern species and significant natural communities in Connecticut. Exact locations have been masked to protect sensitive species from collection and disturbance and to protect landowner's rights whenever species occur on private property. The locations of species and natural communities depicted on the NDDDB maps are based on data collected over the years by DEEP staff, scientists, conservation groups, and landowners. In some cases, an occurrence represents a location derived from literature, museum records, and specimens.

In addition to NDDDB identified species, The United Illuminating Company performed an Osprey Consultation with the CTDEEP Bureau of Natural Resources Wildlife Division. The necessary measures will be taken to protect and not adversely affect this species.



State Listed Plant Protection

Species	Habitat	BMPs
Parker's pipewort (<i>Eriocaulon parkeri</i>)	Muddy tidal shores of coastal estuaries	<ul style="list-style-type: none">• Recommended botanical surveys conducted by a qualified botanist did not identify the presence of these species• Limiting work to the inactive periods of these species to the extent possible
Salt marsh bulrush (<i>Bolboschoenus novae-angliae</i>)	Brackish tidal marshes	<ul style="list-style-type: none">• Temporary matting for access in habitat that could potentially support these species• No wood chips will be introduced in habitat that could potentially support these species• Any instances of these species identified will be reported to CT DEEP



Figure 1: State Endangered Parker's pipewort



Figure 2: State Special Concern Saltmarsh bulrush



State Listed Reptile and Amphibian Protection

Species	Habitat	BMPs
Eastern box turtle <i>(Terrapene carolina carolina)</i>	Well-drained forest bottomlands and open deciduous forests	<ul style="list-style-type: none"> • Contractor training to develop identification, safe removal, and reporting requirements of the applicable species • Limiting work to the inactive periods of these species to the extent possible • Limiting work and heavy equipment use within close proximity to wetlands and waterbodies
Northern leopard frog <i>(Rana pipiens)</i>	Open, grassy habitats along rivers, wetlands, ponds, and lakes	<ul style="list-style-type: none"> • Daily inspections of active work area to confirm absence of species • In the event a species is present within the work area, individuals will be removed and excluded from reentry, in accordance with accepted protocols
Northern diamondback terrapin <i>(Malaclemys t. terrapin)</i>	Salt marshes, salt or brackish waters, mud flats, shallow bays, coves, and tidal estuaries	<ul style="list-style-type: none"> • If work is conducted during species active season, silt fencing around active work areas to create barrier between potential species migration routes and equipment • Any instances of these species identified will be reported to CT DEEP



Figure 3: State Special Concern Eastern box turtle



Figure 4: State Special Concern Northern leopard frog



Figure 5: State Special Concern Northern diamondback terrapin



State Listed Bird Protection

Species	Habitat	BMPs
Seaside sparrow <i>(Ammodramus maritimus)</i>	Salt marsh complexes	<ul style="list-style-type: none">• Limiting work to the inactive periods of these species to the extent possible• Conduct nest surveys prior to active construction if work during active period required• Limiting excessive noise between April 15th and August 15th if nest surveys encounter active nests• Any instances of these species identified will be reported to CT DEEP
Saltmarsh sharp-tailed sparrow <i>(Ammodramus caudacutus)</i>	Salt marsh complexes	
Osprey <i>(Pandion haliaetus)</i>	Tall trees or snags near lakes, rivers, and coastal areas	



Figure 6: State Threatened Seaside sparrow



Figure 7: State Special Concern Saltmarsh sharp-tailed sparrow



Figure 8: Project Corridor Potential Osprey