

## **Exhibit 6 Typical Clearing**

## **1.0 TURBINE AND ROAD CLEARINGS**

The project includes 27 wind turbine sites proposed and associated roads. Due to terrain and grading limitations, temporary clearing around each turbine site will range from approximately 2.25 to 3.30 acres. The total temporary clearing for pads and associated roads is 145 acres. A crane in excess of 400 tons will be used to assemble the turbine rotors, erect the tower sections, and lift the nacelles and rotor assemblies onto the towers. These cranes are too large to be transported to the project site in one piece, and therefore must be delivered in component sections and assembled on-site. Crane assembly will take place within the turbine pad clearings.

Once the construction of the access road improvements, crane paths, and crane pads is complete and the turbines have been erected, the majority of turbine pad area will be allowed to revegetate except for the area immediately around the turbine to provide vehicle access for maintenance purposes. The total area of permanent impervious ground cover to remain at each turbine pad is 0.43 acre.

The project will include construction of access roads and crane path roads that provide crane travel access to the turbine sites. It is anticipated that the crane will be assembled and disassembled four separate times for this project to construct the following turbines, T1 through T14, T15 through T17, T18 through T22, and T23 through 27. The total length of crane path to be constructed for this project, including spur roads leading to turbine sites, is approximately 6.73 miles. The total permanent clearing associated with the crane paths is 28.5 acres. This clearing width includes the 35-foot wide road, associated stormwater ditching, and grading side slopes.

The project will also include new and improved access roads connecting turbine strings, including 3.50 miles of 20-foot wide access roads, as well as 0.69 miles of 16-foot access roads between T14 and T18, and 0.21 mile of 10-foot access roads. The total permanent clearing associated with the access roads is 10.4 acres. The clearing width includes the road width, associated stormwater ditching and grading side slopes.

## **2.0 ELECTRICAL COLLECTOR LINE**

The project will include a 34.5-kilovolt overhead electrical collector line that will collect power from each turbine and then travel north in an "express collector" line for 5.2 miles to connect to the proposed substation facility. Where feasible, the mountaintop collector line is located adjacent to proposed roads to minimize clearing impacts, and in areas where slopes on the edges of roads are too steep or road alignment has too many curves, the collector line runs cross-country. The temporary clearing associated with up to 80' clearing for the mountaintop collector line corridor is 58.28 acres. The temporary clearing associated with the express collector line corridor is 64.98 acres for up to 100-foot corridor with portions of up to 150-foot clearing at corners.

## **3.0 TEMPORARY LAYDOWN AREAS**

The project will include areas located throughout the project to be used as temporary equipment/material laydown areas and/or landing yard areas along the crane paths. Clearing associated with these laydown areas is estimated at 8.8 acres. These areas will be used frequently during project construction, but will be allowed to completely revegetate following completion of construction activities.

## **4.0 SUBSTATION AND OPERATION AND MAINTENANCE (O&M) BUILDING**

The project will include construction of the electrical substation and an O&M building for the facility. There is no clearing associated with the O&M building and the clearing associated with the substation is approximately 2.58 acres.

## **5.0 METEOROLOGICAL TOWERS**

The project will include up to four permanent meteorological (met) towers to monitor and collect wind data. Four potential locations are shown on the plans in Exhibit 1A. The access roads to these towers will be 12 feet wide. Total clearing associated with four permanent met towers is 11.67 acres. Clearing at a potential location will only occur if a permanent met tower will be constructed at that location.

In addition, up to three temporary met towers may be placed in turbine locations before the turbines are erected. Total clearing associated with three temporary met towers is 3.66 acres of temporary additional clearing beyond the turbine pads. Clearing at a potential location will only occur if a temporary met tower will be constructed at that location.