

Table 2-2
Construction and Operations Impact Assumptions

Project Components	Area of Total Disturbance (temporary and permanent)	Area of Permanent Disturbance
Wind Turbines and Workspaces (radius)	150 ft per turbine	10 ft per turbine
Crane Pads (length x width)	Included in 150 ft workspace for each turbine	100 ft x 50 ft
Crane Paths (width)	35 ft (in non-public road or access road areas only)	None
Access Roads (width)	39 ft	17 ft
Access Roads Temporary "T" Turnaround Areas	16 ft x 200 ft	-
Buried Electrical Interconnects	2 ft wide trench per cable plus 10 ft separation between additional circuits	None
Buried Electrical Interconnect Work Area	Single Cable: 100 ft Multiple Cables: 150 ft	- -
Overhead Electrical Interconnect (width)	100 ft	17 ft ¹
Meteorological Towers	1 acre per tower	0.10 acre per tower
Collection Substation/ Operations and Maintenance Building	11.5 acres	11.5 acres
Transmission Owner Substation	0.6 acres	0.6 acres
Staging Areas	12.25 acres	None
Concrete Batch Plant	10 acres	None

¹ This represents the permanent right-of-way width to be periodically maintained where required. No permanent access road will be created.

Topsoil will then be stripped and segregated. Subsoil will then be graded, compacted, and surfaced with gravel or crushed stone in accordance with the requirements of the wind turbine supplier and recommendations from the geotechnical engineer. Geotextile fabric or grid may be installed beneath the road surface to provide additional support, if engineering studies indicate it is necessary. Permanent access roads will generally be 17 feet wide, including side slopes. Cross-sections at turning radii and pull-offs to accommodate passing vehicles will be slightly wider, as necessary for safety. Where needed to facilitate cross drainage, culverts will be placed in wetland/stream crossings in accordance with state and federal permits. Appropriate sediment