

TransWest Express Transmission Project Draft Environmental Impact Statement

Corridor Approach to Impacts Analysis

Transmission Line Corridor:

Generally 2-mile-wide study corridors within which the proposed 250-ft-wide right-of-way (ROW) would be located. Corridor locations and widths have been and will be refined throughout the NEPA process to address environmental constraints.

Transmission Line ROW:

Typically a 250-ft-wide area generally centered on a specified centerline requested by the proponent for constructing, operating and maintaining the project.

Transmission Reference Line:

Preliminary, non-engineered routes within corridors that were determined based on environmental and engineering constraints and constructability review. For the DEIS analysis, reference lines serve as preliminary centerlines for the location of the ROWs.



Not to scale

Analysis of Alternatives in EIS were generally based on the following:

- Resources present within the 250-foot-wide transmission line ROW and 2-mile transmission line corridors; and
- Construction and operation disturbance areas within 250-foot-wide transmission line ROW and 2-mile transmission line corridors during construction, operation, and maintenance activities.

250-foot-wide ROW		2-mile Corridor	
Construction	Operation	Construction	Operation
Tower structures, 900-1500 feet apart Tower structure work areas Wire pulling, tensioning and splicing areas where route changes direction	Tower structures Areas where vegetation would be maintained	7-acre staging areas every 5 miles; helicopter fly yards co-located as needed 5-acre concrete batch plants every 15 miles 20-acre storage yards every 30 miles	All disturbance areas except for roads would be reclaimed
14 - 20 foot-wide roads*		14 - 20 foot-wide roads*	

* Analyzed road acreage within the 250-foot-wide transmission ROW and 2-mile transmission line corridor were developed by a disturbance model based upon terrain. Access roads located within the ROW whenever practical.

An engineered route will be prepared for the Agency Preferred Alternative identified in the final EIS. The route may include alignment adjustments that reduce resource conflicts considering detailed survey and engineering information, but would be located within the 2-mile transmission line corridors.

