

Section	Length (Mile) ¹	Number of Poles ²	Number of Spans	Total ROW (Acres) ⁵	Permanent Impacts							
					Cropland (Acres) ³	Percent Crop Land	Number of Poles in Crop Land ²	Permanent Impact in Agriculture (sq ft) ⁴	Number of Poles in Non-agricultural Land	Permanent Poles in Non-agriculture land (sq ft) ⁴	Total Permanent Pole Impacts (sq ft) ⁴	Total Permanent Pole Impacts (Acres) ⁴
Cedar Mountain Substation Area South - Reroute A	2.5	38	37	30	4	66.7%	25	8,750	13	45.5	8,796	0.2
Cedar Mountain Substation Area South - Reroute B	2.6	39	38	30	6	100.0%	39	13,650	0	0.0	13,650	0.3
Cedar Mountain Substation Area North - Reroute C	3.5	53	52	43	8	92.2%	49	17,150	4	14.0	17,164	0.4

- Assumptions
1. Length is from existing 115kV transmission line to the center of the Cedar Mountain Substation Area.
 2. Number of poles were determined by dividing the length by the average span between poles. Average span for a 115kV poles is 300 ft. This number is approximate since the final number of poles is dependent on final engineering design.
 3. Crop land area was based upon GAP landcover.
 4. Permanent impacts were calculated assuming 350 square feet (in agricultural land) and 3.5 square feet (in non-agricultural land) per structure.
 5. ROW required for a 115kV transmission line is most cases is 100ft; 50 ft on either side of the pole.

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