

TABLE 3-1 SUMMARY OF ACCESS ROAD REQUIREMENTS (ENTIRE PROJECT)

TYPE OF ROAD	DESCRIPTION	TEMPORARY IMPACTS	PERMANENT IMPACTS
Temporary Access Roads	12-foot-wide access road for temporary overland construction-related activities; these roads would not be required for operation of proposed Project. These roads would be rehabilitated to existing conditions following construction.	0.479 acres	--
Environmentally Sensitive Areas	Temporary overland access roads. Use of geomats, temporary wood construction pads, portable road platforms, or other methods, as determined during final engineering.	1.375	--
Existing Road to Lassen Substation	Existing road that requires upgrades to be utilized for construction, operation and maintenance of the proposed Project.	--	0.153 acre
New Roads	12-foot-wide access road for operation and maintenance of the Lassen Substation.	--	0.154

Table 3-2 provides a summary of the temporary and permanent typical pole/tower installation impacts.

TABLE 3-2 SUMMARY OF TYPICAL POLE/TOWER INSTALLATION IMPACTS

WOOD POLE STRUCTURE INSTALLATION	TEMPORARY IMPACTS	PERMANENT IMPACTS
Permanent Footprint per transmission pole Pole Diameter 19 inches Auger Hole Depth 10 to 11.5 feet	--	1.969 sq ft per pole total 74.820 sq ft
Average Work Area Around each pole (for pole removal and installation)		--
Transmission lines per pole	2,500 sq ft per pole total 95,000 sq ft	--
Distribution per pole	2,500 sq ft per pole total 62,500 sq ft	--
Total Work Area	2,500 sq ft total 157,500	--
Total Permanent Footprint for Transmission Poles	--	0.002 acres
Pulling/Tensioning Areas (entire project/including transmission & distribution)	2.066 acres	--

Two distribution poles will be replaced on each side of I-5 to support the proposed overhead distribution (Pole #161406 at the end of Jesse Street and Pole #162400 on Willow Street. Each of these locations would result in approximately 2,500 sq. ft. of temporary impacts during construction around each pole work area. No permanent impacts would occur.

The following table provides the estimated work area disturbance around the proposed underground lines. It is assumed for the proposed underground lines that the trench would be approximately 4-ft wide and 6- to 8-ft. deep with an approximate 20 ft-wide temporary construction impact area.

		DESCRIPTION OF TEMPORARY WORK	TEMPORARY WORK AREA (SQ FT)	TEMPORARY WORK AREA (ACRES)
Underground	Proposed	Senior Apartment	24,798.63	0.569
Underground	Proposed	bottling plant	16,791.88	0.385
Underground	Proposed	New Substation	12,017.17	0.276

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