

Appendix T. Project Tool and Equipment Checklists

The checklists linked below provide an inventory of potential tools and equipment that may be used on trail design, construction, and maintenance projects. These checklists are divided by project type and are consistent with the text and figures and the order in which the projects are addressed in the handbook. The checklists are intended to aid the trail supervisor or project leader in preparing for a variety of trail projects.

Not all of the items on these lists are required to perform a given project. For example, the cutting of lumber could be performed with a handsaw or one of a variety of power saws. Therefore, the list includes handsaws, power saws, and associated support equipment in case these tools are available to the trail program and are permissible within project requirements and labor source. The lists may not include every potential tool or equipment that could be used on a given project but should suffice as an initial checklist and can be customized as appropriate. The lists also identify the function or use for the tools and equipment listed.

The number of tools and equipment needed is not identified on these checklists because the number is dependent on the number of workers assigned to the project. The skill level of the trail crew members and the logistical approach to the trail project also influence the number of tools and equipment required. For example, in a 12-person crew there may be only two workers skilled in carpentry. Therefore, only one multi-tier interlocking wooden retaining wall could be constructed at a time, limiting the number of carpentry tools required. However, if there were six workers skilled in carpentry on the crew, it may be possible to construct two or three retaining walls simultaneously, which would require more carpentry tools.

To eliminate redundancy, some tools and equipment that are used to support a variety of different trail projects are listed only once. For example, rigging can be used in most trail construction projects. Because the list of potential tools and equipment that can be used in rigging is extensive, the rigging checklist is simply referenced, rather than repeated under each project type.

- [Project Tool and Equipment Checklists](#)