



Appendix D — Tools

Safety tools

Safety tools to be defined and enforced by safety officer provided by the State of New Jersey. To include, but not limited to, non-skid boots, protective clothing, hard-hats, cotton and leather gloves, ear protection, safety belts and fall protection, sun and insect protection lotion, eye protection goggles, and GFI extension cords.

Prefabrication crew

- Table saw, handles 5.5" timbers
- Radial arm saw, handles 5.5" timber
- Drill press for 1", 1/2", and 3/8" holes
- Chop saw for 3 1/2" and 1 1/2" lumber
- Pressure treated lumber saw blades
- Extra drill bits
- Screw guns, extra square drive tips, batteries, chargers
- Circular saws, hand drills
- GFI extension cords, power strip
- Squares, tape measures, chalk line
- Safety goggles, ear protection
- C-clamps, i.d. 7" and larger
- Wire snips
- Saw horses (numerous)
- Typical hand tools
- Ratchet, open and power wrenches

Excavation and backfill crew

- Two 14' x 18' x 4' tower excavations
- Two 7' x 18' x 4' platform excavations
- Two 8' x 7' x 4' stair platform excavations
- Backhoe
- Shovels, picks, hoes, rakes
- Wheelbarrows
- Vibratory plate compactor
- Large tarp, poles, rope, stakes for shade
- Hand tools to construct forms
- Hay mulch, seed



Concrete crew

- Knee-high rubber boots
- Shovels, concrete hoes
- Rebar wire, snips, rebar bender
- Tarp for shade/rain cover
- Trowels
- Typical hand tools
- Concrete chute
- Power mixers
- Emergency lighting
- Stakes for geogrid

Platform and stair framing crew

- Scaffolding
- Saw horses, planks
- Ladders
- Screw guns (extra tips, batteries, chargers)
- Wrenches
- Generator, extension cords
- Hand tools

Bridge assembly crew

- Ladders
- Scaffolding
- Safety harness, fall protection
- Hand tools
- Screw guns, with extra batteries, chargers
- Screw gun square drive tips
- Cotton gloves
- Cargo hoisting block and tackle meeting load requirements