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