

505.2 Equipment

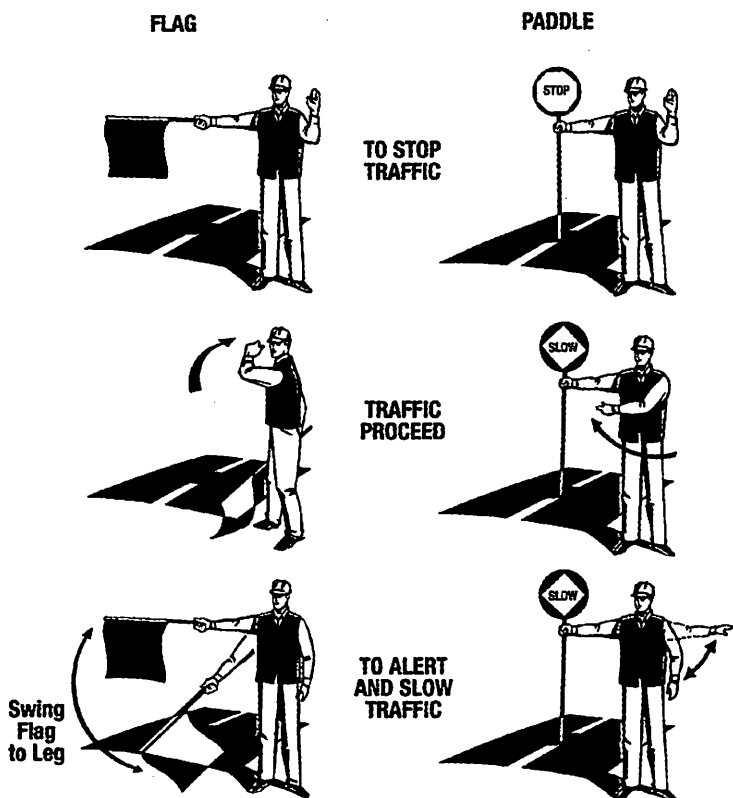
- a) Only those signs, standards, barricades, flags, and cones that conform to state or local codes shall be used.
- b) All state and local traffic codes shall be followed when providing work area protection.
- c) During night operations or in periods of reduced visibility, special precautions shall be taken. Adequate warning equipment, which may include flashing lights, flares, or area illumination, shall be used.
- d) Warning devices and equipment shall be removed as soon as the hazard is eliminated.
- e) Warning devices and equipment not in use shall be stored in a proper manner or shall be removed from the work area.

505.3 Flagpersons

- a) Flagpersons or other appropriate traffic controls shall be used to supplement protection provided by signs, signals, and barricades whenever necessary.
- b) For daytime work, the flagperson shall wear a minimum of a Class II vest, shirt, or jacket of an orange, yellow, yellow-green, or fluorescent version of these colors. For nighttime work, Class III vest, shirt, or jacket consisting of a retroreflective material shall be worn. The retroreflective material shall be orange, yellow, white-silver, yellow-green, or a fluorescent version of these colors and shall be visible at a minimum distance of 300 m (1,000 ft). The retroreflective clothing shall be designed to clearly identify the wearer as a person.
- c) Flagpersons using hand-signaling equipment (Figure 505-1) shall ensure signals provide sufficient warning to protect themselves and the worksite. The use of sign paddles is preferred, and the following should be used if available:
 - (1) Signal flags shall be red and at least 24 inches square.
 - (2) Sign paddles (Stop and Slow) shall be on a 6-foot staff and of the appropriate size and shape.
 - (3) In periods of darkness or reduced visibility, red lights shall be used.
- d) Flagpersons shall place themselves in a protected position to reduce possibility of injury from traffic.
- e) Flagpersons shall ensure they can fully observe the operation and shall guide vehicular traffic in such a manner as to minimize

the possibility of accidents or injury. All workers in highway or road construction work zones shall wear high-visibility garments/vests.

Figure 505-1. Use of Hand-Signaling Devices by Flaggers



f) When flagpersons are used at both ends of a jobsite, reliable communications or prearranged signals shall be used to ensure proper traffic flow.

g) Flagpersons shall face traffic when giving signals.

h) Flagpersons shall give positive, direct signals that leave no doubt as to their meaning.

i) For additional information concerning high-visibility safety apparel and headgear, refer to ANSI/ISEA 107-2010.

j) Refer to state and local regulations for additional information on flagperson procedures.