

Federal Regulations - 23 CFR 630.1108 (“Subpart K”) & ANSI/ASSE A10.47

Fed Regs – 23 CFR 630.1108 – Positive Protection

At a minimum, positive protection devices shall be considered in work zone situations that place workers at increased risk from motorized traffic..such as:

- (1) Work zones that provide workers **no means of escape** from motorized traffic (e.g., tunnels, bridges, etc.);*
- (2) **Long duration** work zones (e.g., two weeks or more) resulting in substantial worker exposure to motorized traffic;*
- (3) Projects with **high anticipated operating speeds** (e.g., 45 mph or greater), especially when combined with high traffic volumes;*
- (4) Work operations that place workers **close to** travel lanes open to traffic; and*
- (5) Roadside **hazards**, such as drop-offs or unfinished bridge decks, that will remain in place overnight or longer.*

ANSI/ASSE A10.47 (§4.4)- Positive Protection

Positive protection measures shall be considered when any of the following exist:

- 1. Work zones that provide employees **no means of escape** (e.g., tunnels, bridges, etc.) from external motorized traffic intruding into the work space.*
- 2. **Long duration** work zones (e.g., two weeks or more) resulting in substantial employee exposure to motorized traffic.*
- 3. Projects with **high anticipated operating speeds** (e.g., \geq 45 mph, 72 km/h) especially when combined with high traffic volumes ($>$ 20,000 vehicles per day).*
- 4. Work operations that place employees within **one lane-width** to travel lanes open to traffic.*
- 5. Roadside **hazards**, such as drop-offs or unfinished bridge decks, that will remain in place overnight or longer.*

NOTE: There might be other circumstances not listed that merit the use of positive protection.