The Standard

General Scope
Purpose
Related American National Standards and Other References

Definitions
Temporary Traffic Control for Construction Activity
Flagger Safety
Run-over / Back-over Prevention
Equipment Operator Safety
Excavation Safety
Electrical Safety (underground utilities and over-head power lines)
Power and Powder Actuated Tool Safety
Fall Prevention
Protection from Health Hazards
Illumination Requirements for Night Work
Personal Protective Equipment
Paving Operations
Emergency Incidents

ANSI/ASSE A10.47 - 2015 and other national consensus standards may be ordered through:
American Society of Safety Engineers
Customer Service
520 N. Northwest Hwy
Park Ridge, IL 60068
www.asse.org
(8:30 - 5:00 Central Time)
ANSI/ASSE A10.47-2015

Standards Development

ANSI/ASSE A10.47 - 2015, “Work Zone Safety for Highway Construction”, is one of a series of safety standards for construction-related topics. This standard has been approved by the American National Standards Institute, Inc (ANSI) on May 23, 2015 and was published by the American Society of Safety Engineers (ASSE) in May 2015.

How the standard was developed:
Thirty-seven individual experts from various organizations formed a subgroup of A10 and collaborated to develop the standard.

The committee represents a broad cross-section of industries and organizations:
- Professional societies
- Trade organizations
- Construction
- Insurance
- Safety consultants
- Utilities
- Service
- Government

Secretariat:
American Society of Safety Engineers

Copyrights:
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Purpose of the A10.47-2015 Standard

This Standard establishes the minimum requirements for the construction and maintenance of public and private highways and roads to achieve the following objectives:

1. Prevent employee injuries and illnesses resulting from working in work zones.
2. Establish safe work practices in highway work zones.
3. Prevent vehicular crashes in highway work zones.

Increased road congestion, more and more vehicle miles traveled, an aging highway infrastructure and other factors have led to widespread work zone activity on U.S. highways, and in turn, to injury risks and exposures for workers. Although fatalities from motor vehicle crashes in work zones continue to decrease overall during the last decade, workers engaged in construction, utility work, maintenance or repair activities on highways are exposed to risk of injury from:

- Movement of construction vehicles and equipment within work zones
- Passing motor vehicle traffic with high traffic volume and speeds
- Vehicle struck-by incidents
- Overtown, collision or being caught in running equipment
- Low lighting or low visibility
- Night work
- Inclement weather

Work Zone Safety for Highway Construction

ANSI/ASSE A10.47 is a national consensus safety standard that provides guidance and establishes the minimum standards for employees engaged in construction, utility work and maintenance or repair activities on any area of a highway.

Information applies to construction activities for any size company working on public and private highways or roadways. It applies to daytime, low-light and night-work conditions.

Use actions from the Standard to reduce risk and keep your workers safer!

Future of the Standard:
ANSI requires that the Secretariat of a standard must Reaffirm, Withdraw or Revise the standard within 5-10 years of publishing or it expires.