



ROADSIDE MAINTENANCE

Safety Training

Target Audience: This course is designed specifically for DOT District employees, municipal public works, streets/roads, parks, water utility and/or other city or county employees who engage in maintenance of city/county parks, rights-of-way, infrastructure and other outdoor/roadside facilities.

The course is also recommended for emergency backup personnel who may be called on in special circumstances such as after a natural disaster or any other reason where typical staff are not available or need extra support. Other recommended participants are crew leaders, division supervisors, agency safety officers, department safety coordinators, general safety trainers and/or fleet team members.

All students will receive a Training Certificate upon completion!



For more information or to inquire about upcoming training dates:

Email: info@wetrainamerica.com

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Website: WeTrainAmerica.com

ACCIDENT CASE STUDIES: As an introduction, our program begins by detailing a number of parks maintenance department accidents as they have been tracked over the past 20 years. It is easy to identify a trend of what is called the “Top Ten” of city/county parks maintenance worker killers. Recent accident case studies are also covered showing real news agency newscast clips or news website photos to confirm authenticity of accidents.

BASIC SAFETY:

- **OSHA & Basic Safety:** Main compounds (base), workshops, storage yards
- **Personal Protective Equipment:** Types of PPE, storage, and assignment
- **Vehicle Operations DDT/VB/Municipal Route Safety:** Safe speed, following distance, panning/scanning, intersections, height, and horizontal clearance, slow moving or frequent stop vehicles, parking pattern and lot design vehicle backing strategy and other special municipal hazards



COMMON EXTERNAL WORK ZONE HAZARDS:

- **Temporary Traffic Control:** Instruction on roadside, median or in-lane temporary traffic control, which includes initial vehicle placement, vehicle exiting, first device placement strategy, use of advanced warning signs, cones, barricades, arrow boards, flagmen, vehicle placement, vest and more
- **Pedestrian Traffic Control:** Includes use of specific techniques/equipment to address pedestrian safety/traffic control (sidewalk disruption)
- **General Work Zone Perimeters:** Establishment of general work zone perimeters by delineating/cordoning the outer areas of a work zone using stakes, caution tape, plastic fencing, cones, barricades, other equipment and/or vehicle barriers to keep unauthorized persons from harm's way



INTERNAL WORK ZONE HAZARDS:

- **Internal Work Zone Hazard Analysis:** Covers the need for an internal work zone safety plan, the pre-job briefing and use of a tailgate briefing checklist to aid lead workers in accounting for all expected hazards
- **Internal Work Zone Perimeters:** Stresses the importance of locating objects, inclines, drop-offs, natural or manmade excavations and other special hazard areas that need to be marked, cordoned off or otherwise protected
- **Overhead/Underground Utilities:** Educates the student on above and below-ground power line configurations, describing the various city/county worker activities that place employees at risk of contact with high voltage lines and emphasizing the accident prevention methods and safe work practices when operating near power utilities
- **Pedestrian Worker Safety / Mobile Equipment (General):** This important part of the training classifies employees as equipment operators, helper-spotters, or general pedestrian workers. From the perspective of each employee class, firm rules that include mandatory high-visibility apparel, minimum distances between employees and machines, prohibited “dangerous proximity” or “blind spot” areas and other major do’s & don’ts related to people and construction equipment are discussed.
- **Mobile Equipment Operations:** Primarily for operators, this section covers pre-job equipment inspection, safe mounting/dismounting, use of seat belts, improper uses, “no riders,” panning/scanning, backing, movement around danger zones, on-road travel and trailering.
- **Unattended Work Zones:** Securing work zones from children/vandals during lunch or short-term reassignment or for multi-day absences



SPECIFIC TASKS AND HANDS-ON TRAINING:

Urban Mowing and Landscape Work: For city/county lawn work with small to medium-sized mowers, hedge and brush trimming, line trimming, leaf blowing and mulch application

Subdivision and Rural Median/Rights-of-Way Maintenance: This section deals with use of larger mower equipment and bush hogs. Also reviews sod placement, re-sodding and watering.

Zero-Turn Mower Operation & Safety: Participants use department equipment (typically Toro and Scag mowers) to perform on an obstacle course during the hands-on portion of training.

Tractors & Heavy Equipment Operations Safety: This section covers the special hazards of working with larger mower equipment and other heavy equipment used for maintenance of parks and surrounding areas, including how to perform proper walk-around inspections and using inspection checklists.

Optional Segments for Baseball Field Maintenance Available.

OTHER INCIDENTAL HAZARDS:

- Hurricane Recovery / Special Debris Clearance Hazards
- Hand Signals
- Fall Protection
- Inclement Weather (Lightning, Heat Stress)
- Lockout / Tagout

PARKS & PLAYGROUND INSPECTION: This segment of the course educates students on how to inspect and maintain public access areas such as ballparks, playgrounds / tot lots, community centers, amphitheaters, bike paths, waterfront areas (including beaches, docks, and piers), and related parking areas and sidewalks. A proactive approach to property maintenance is emphasized.

