

STATE

OF

TENNESSEE

(Rev. 10-19-2015)
(Rev. 10-5-2021)

January 1, 2021

SPECIAL PROVISION

REGARDING

ROADWAY SWEEPING

General. The work shall consist of the removal by mechanical sweeping, or other approved means, of dirt and debris such as tire and metal fragments, hub caps, rocks, etc. accumulated on the roadway along curbs, gutters, median barriers, bridge curbs and gore areas and ramps at interchanges.

The Contractor shall furnish all labor, materials, equipment, tools, transportation, and supplies required to complete the work in accordance with these specifications and terms of the contract.

Control of Work. The Engineer, or his appointed representative, will decide all questions, which may arise as to the quality and acceptability of the work performed and his decision will be binding on the parties. If at any time the required equipment fails to meet acceptable standards, the Engineer shall notify the Contractor and suspend payments immediately.

Equipment. The Contractor shall furnish all equipment necessary to perform the work within the specified time. The use of mechanized vacuum or broom sweepers is required for this contract. Air flow vacuum sweepers shall have a blower capacity of not less than 17,000 CFM and broom mechanical sweepers shall have a minimum 100 HP @ 2,500 RPM diesel engine. All sweepers shall have a minimum 26,000 GVD and 10 foot sweeper path. All sweeping equipment shall be designed and operated with a water spray system to ensure that dust does not create a traffic hazard. All sweepers shall be equipped with a centrifugal dirt separator at the air return outlet of the hopper. All of the Contractor’s equipment shall clearly display the Contractor’s name and phone number on each side of the vehicle.

All sweeping equipment shall conform to all Federal, State and Local laws, regulations and ordinances for noise, water and air pollution controls and all Occupational Safety and Health Administration (OSHA) regulations.

All equipment shall be inspected and approved by the Engineer prior to the work beginning.

Hand brooms and other small tools may be required to remove any dirt and debris not removed by the power sweepers.

Work Schedule. Work may be performed between the following hours:

| Roadway Classification | Roadway AADT | Working Hours |
|---|------------------------|--|
| Interstate and Access Controlled Highways* | AADT ≥ 25,000 | 8:00 PM – 6:00 AM |
| | AADT < 25,000 | 8:00 PM – 6:00 AM 9:00 AM – 3:00 PM |
| Multi-lane Highways (# of lanes >2)* | AADT ≥ 25,000 | 8:00 PM – 6:00 AM |
| | 10,000 ≤ AADT < 25,000 | 8:00 PM – 6:00 AM 9:00 AM – 3:00 PM |
| | AADT < 10,000 | No Working Restrictions |
| Two Lane Highways (One lane in each direction)* | AADT ≥ 25,000 | 8:00 PM – 6:00 AM |
| | 5,000 ≤ AADT < 25,000 | 8:00 PM – 6:00 AM 9:00 AM – 3:00 PM |
| | AADT < 5,000 | No Working Restrictions |

*Work requiring the use of shoulder closures(only) will be allowed between 9AM -3PM

Due to discrepancy in COVID-19 AADT data, the contractor shall utilize 2019 AADT data.

The weekday hours of operation may be extended to if working in the non-peak direction of traffic flow (except Friday PM) as directed by the Engineer. Weekend operations shall be restricted to daylight hours.

Weekdays are defined as beginning 8:00 p.m. Sunday and ending 3:00 p.m. Friday. The Engineer may temporarily suspend work activities during periods of inclement weather, during special events or in Maintenance and Construction work zones.

Traffic Safety. Traffic flow around the work in progress shall be maintained. All work shall be accomplished with the traffic flow instead of opposing traffic. All traffic control work zones shall be established by the Contractor in accordance with the requirements of the State's currently adopted edition of the Manual on Uniform Traffic Control Devices (MUTCD). The Contractor shall furnish shadow vehicles as recommended in Chapter 6 (Fig. 6H-4, 6H-17, and 6H-35) of the MUTCD for shoulder, two-lane, and multi-lane mobile traffic control work zones. All optional truck or trailer mounted attenuators for the shadow vehicle(s) in Figures 6H-4, 6H-17, and 6H-35 of the MUTCD are required for the sweeping operation. **All shadow vehicles in a sweeping operation shall be equipped with truck or trailer mounted attenuators.** A work vehicle (sweeper) cannot be utilized as a shadow vehicle.

The sweeping unit and the shadow vehicle(s) shall be equipped with flashing amber lights. Shadow vehicles shall be equipped with a Type C, 48" x 96" flashing arrow panel in accordance with Standard Drawing T-WZ-FAB1. Traffic control will be considered incidental to the work being performed and the cost thereof will be included in the price bid for linear mile of sweeping.

Dump Sites. All accumulated debris and rock materials swept or picked up by the Contractor will be removed from right-of-way to a Class IV dump site facility with the Contractor being responsible for all fees where applicable. The Contractor shall supply the Engineer with copies of dump tickets for each cycle prior to any payments being made.

Method of Measurement. Sweeping will be measured by the number of linear miles swept and cleaned free of all accumulated debris and foreign objects from the area between the edge of the traveled lanes and the face of the curb, barrier wall, bridge, guardrail, or outside edge of the paved shoulder. Sweeping of the described areas for a distance of one mile, measured along the centerline of said roadway, shall be deemed as one linear mile of sweeping.

Basis of Payment. The accepted quantities of linear miles swept will be paid for at the contract unit price per linear mile.