SP 614ZP ZONE PERSON WITH ZONE VEHICLE

(10-13-2022)

A. Description

This item shall consist of furnishing a qualified zone person(s) (ZP) with zone vehicle (ZV) as described in this specification for the purpose of protecting the motoring public and the Work while the Contract is in force. The ZP shall have a full working knowledge of the Maintenance of Traffic Plans and Special Provisions.

A “work zone” is defined an area of a highway with construction, maintenance, or utility work activities. A work zone is typically marked by temporary traffic control (TTC) devices such as, but not limited to, signs, channelizing devices, barriers, pavement markings, and/or work vehicles. It extends from the first warning sign to the END ROAD WORK sign or the last TTC device.

B. ZP Qualifications

The Contractor shall designate a ZP, (subject to the approval of the Chief Engineer), other than the Superintendent, to be responsible for the MOT. The ZP must be certified from one of the following organizations or others as approved by the Chief Engineer:

(1) Ohio Department of Transportation (ODOT) Prequalified Worksite Traffic Supervisor (WTS), WTSPrequalification@dot.ohio.gov.
Note: ODOT prequalification will expire 5 years from the date the test was last successfully passed.

(2) American Traffic Safety Service Association ATSSA, Certified Traffic Control Technician (TCT), phone number 540-368-1701.
Note: ATSSA requires recertification every four (4) years.

(3) National Highway Institute, Basics of Work Zone Traffic Control, phone number 1-703-235-0528.
Note: OTIC will only accept certificates dated within the five (5) years preceding the date of submittal.

C. ZP Requirements

The designated ZP shall have a full working knowledge of the project’s Maintenance of Traffic plans and Special Provisions. The ZP shall have no other construction related duties.

A ZP with ZV shall be required as follows:

(a) The contractor has a work zone in place on Turnpike mainline, shoulder and/or Turnpike toll plaza ramps

While a work zone is in place, the ZP shall maintain the zone on a continual basis twenty-four (24) hours per day, seven (7) days per week.

If the contractor removes all TTC devices from the mainline as described in TCR-1 note 20 then a ZP is not required.

(b) The contractor has a work zone in place on a roadway above or below mainline Turnpike.

While zones are in place on a roadway above or below mainline Turnpike and the contractor is actively working on the project, the ZP shall maintain the zone on a continual basis.

While zones are in place on a roadway above or below mainline Turnpike and the contractor is not actively working on the project, the zone will be maintained by the Commission. The Commission will repair or replace any damaged or missing temporary traffic control devices. The Commission will notify the contractor of the replaced or repaired devices. It will be the Contractor's responsibility to replace and return the Commission's property.

D. ZP Responsibilities

The ZP shall supervise the set-up and removal of the TTC devices, as well as the maintenance of those devices while they are in place. The ZP shall be responsible that any damaged or missing TTC devices are repaired or replaced immediately. In addition, the ZP shall continually check the reflective surfaces of all the TTC devices to ensure that the devices are clean and are performing their intended function.

The ZP shall immediately respond to any incidents within the Project limits or close proximity thereto and communicate the details of the incident to the Commission's Communication Center. During traffic backups on the mainline, the ZP shall protect the back of the traffic queue by positioning the ZV 1,000 feet behind the rear of stopped traffic, while moving forward or backward as needed to maintain the proper distance. They shall utilize all necessary emergency lighting and remain off the roadway when possible.

The ZP will complete a work activity form, provided by the Chief Engineer, during each shift which will detail the ZP functions for that shift. This form will address existing or new TTC devices, confirm the review and corrective actions of any TTC devices and provide details of their status upon completion of the associated shift by that respective zone person. **The ZP shall have no other duties while performing this function.**

E. Zone Vehicle(s)

The Contractor shall provide a ZV that shall be used by the ZP only to maintain the Work zone. The ZV should be a pick-up truck, small stake body truck, or a similar type vehicle in good condition and shall be equipped with amber flashing safety lights. The ZV shall be equipped with a permanent, truck-mounted, fully operational, folding arrow board with a minimum size of thirty (30) inches by sixty (60) inches and displaying a minimum of fifteen (15) lamps on the panel face. The ZV shall be available for the MOT whenever there is a zone (lane closure, median crossing, etc.) in place that alters the normal flow of traffic on the Turnpike directional roadways. The Contractor shall submit, for approval by the Chief Engineer, the type of vehicle planned for this operation.

F. Communications

The Commission will furnish, install, maintain, and at the conclusion of the Project, remove a Turnpike radio for the ZV. At all times this vehicle shall be in the immediate vicinity of the Work with the radio turned on. The Contractor will be responsible for the return of the radio in issued condition at the completion of the Contract. Any costs incurred to the Commission for repairing damaged radios due to misuse or replacing missing radios shall be withheld from the funds due the Contractor as per GC-9.6 of the General Conditions.

G. Method of Measurement

The quantity will be measured as the actual number of hours worked by the ZP. Unit price shall be payment in full for all costs associated with providing the ZP and ZV.

H. Method of Calculation

The following is for informational purposes only. The number of work zones needed, and the duration of each work zone falls under means and methods of construction. For estimating purposes, the design engineer has calculated the number of hours needed for this pay item based on the following assumptions and the requirements noted in section C:

Long term stationary zones (more than 3-days)
90 days x 24 hours = 2,160 hours

Total number of hours calculated: 2,160

I. Basis of Payment

Payment for this item shall include all labor, equipment, and material and incidentals necessary to provide a Zone Person with Zone Vehicle.

Payment shall be at the Contract unit price for:

Item	Unit	Description
SP614ZP	Hours	Zone Person with Zone Vehicle

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