**Description**

This work consists of providing Courtesy Patrol Service (CPS) to motorists within the project area and surrounding roadways. The actual area of CPS coverage shall extend beyond the limits of the project as shown on the plans or as directed. The work includes locating, assisting, and clearing traffic related incidents. The use of the Courtesy Patrol shall be integrated into the traffic incident management plan (TMP/TCP).

**Materials**

The Contractor shall provide tow truck vehicles needed to perform assistance services as described in this specification. Each tow truck shall be a Colorado licensed Class A vehicle with a minimum gross rating of 10,000 lbs. The truck shall have a dual wheel chassis and a four ton vehicle recovery rating. Each tow truck shall be equipped with the following:

1. Wheel lift towing equipment, including high visibility safety straps with a minimum lift rating of 3,000 pounds.
2. Hydraulic boom lift with a static rating of 5,000 pounds.
3. Winch with an 8,000 pound rating.
4. Cable with a 3,500 pound rating on the first layer of cable.
5. Tow slings rated at 3,000 pounds each.
6. Original Equipment Manufactures (OEM) tow chains of 5/16 inch alloy.
7. OEM JT hook assembly.
8. Rear work lights.

The Contractor shall provide sufficient tow trucks to meet the coverage requirements of the TMP.

One spare truck shall be provided for every one truck. The spare truck shall be operational within 30 minutes of a breakdown of an onsite CPS truck.

The Contractor may use equivalent capacity flat bed trucks in lieu of tow trucks or a combination of both, as approved by the Engineer.

Each truck shall meet the following operating requirements:

1. The truck’s exterior and interior shall be cleaned periodically. The operator’s personal articles or equipment shall be removed from the interior of the truck prior to the start of each shift. All damage to the truck, and damage to personal articles and clothing shall be repaired or replaced at the Contractor’s expense. The tow truck shall be regularly maintained in accordance with the manufacturer’s recommendations.
2. The truck’s exterior condition and color shall be approved by the Engineer.
3. One CDOT supplied sign shall be mounted on each side of the tow truck and shall be displayed at all times during project working hours. No personal or corporate names or symbols will be permitted to be displayed during the hours the tow truck is being used for CPS services. Signs that are lost, stolen or damaged shall be replaced at the Contractor’s expense.

Prior to start of CPS operations, the Contractor shall submit for approval a complete list of items that will be available in each tow truck. At a minimum, these items shall include the following:

1. Three gallons of unleaded gasoline and three gallons of diesel fuel stored in approved and marked containers.
2. Two gallons of ASTM and SAE approved standard radiator fluid.
3. One flexible spout funnel.
4. Four way metric lug wrench.
5. Four way standard lug wrench.
6. 2 Ton capacity floor jack on rollers.
7. Rechargeable tire air pump (200 PSI capacity) with hoses and fittings.
8. 12 Feet heavy duty booster cables.
9. Ten traffic cones in accordance with Section 630.
10. Three reflective triangular warning signs in accordance with MUTCD requirements.
11. Three electric roadway flares.
12. First aid kit compliant with OSHA and ANSI regulations for towing and emergency vehicles.
13. 10 pound ABC fire extinguisher compliant with OSHA and ANSI regulations for construction zones.
14. Hand broom with pan.
15. 10 gallon plastic bucket with sealable lid for light debris.
16. 20 pounds of traction sand properly stored.
17. Four standard snow tire chains.
18. Items necessary for survival in harsh winter conditions, including blankets, snow shovel, flashlights, hand warmers, fresh drinking water, etc.

**Construction requirements**

*(a) CPS Qualifications.*

Each CPS operator shall be trained and certified in OSHA 10 Hour training and in basic first aid techniques, including CPR. The Contractor shall submit documentation confirming this training prior to the start of work.

*(b) Service Requirements*.

Upon TMP/TCP acceptance, the CPS shall begin operation within seven calendar days prior to start of work and shall operate until project completion in accordance with subsection 105.20.

The CPS shall provide three types of service:

1. At the owner’s consent, relocate the disabled vehicle to a shoulder of roadway or an appropriate drop site for additional assistance or repairs.
2. Assist local public agencies and law enforcement authorities as requested during a traffic related incident in the designated coverage area.
3. Safely remove light debris from the incident area and inform appropriate authorities if debris is too large or unsafe to remove.

The CPS shall perform services up to the safe capacity of his equipment and experience. If a major traffic incident is beyond the capacity of the CPS, the Contractor shall immediately contact law enforcement and the Engineer. The CPS shall remain on site with emergency lights flashing and appropriate traffic control placed around the incident until local law enforcement arrives.

The CPS shall use discretion in providing cellular phone use to motorists. The Department will not remit the Contractor for phone calls made by motorists or calls made by the Contractor on behalf of the motorist.

The CPS shall inform the Engineer and the Contractor prior to responding to any incidents. The response shall include the location, time and estimated severity of the incident at a minimum.

The CPS operator shall maintain daily logs that include shift start and end times, roadways covered, and detailed incident data. Incident data shall include the date, type and time of incident, CPS arrival time, number of vehicles involved, motorist information, type of service provided, location of incident, number of lanes blocked and time lanes were cleared and opened to the traveling public. All logs shall be signed by the CPS and shall be submitted to the Engineer on a daily basis.

*(c) Drop Sites.*

The Contractor shall establish at least two drop sites for vehicles within the project limits, or a reasonable distance from the project limits. The locations of the drop sites shall be clearly identified in the TMP/TCP. The drop sites shall be used as temporary parking and repair areas for vehicles towed from the project limits. The drop sites may also be used as accident investigation or motorist pullout area. If possible, the drop sites shall also serve as an area for stranded motorists to obtain additional assistance for vehicle repair. Preferably, the drop sites shall be well lit and shall have access to public telephones and public restrooms. The drop site shall be capable of providing adequate parking for a minimum of two vehicles. In addition, adequate space shall be provided for the tow truck to safely unload the disabled vehicle. The drop site shall have adequate space for motorists to stay safely off the roadway. Unless arrangements are made with local businesses, the drop sites shall be maintained daily to be free of snow, debris, and easily accessible. The maintenance of the drop sites will not be measured and paid for separately, but shall be included in the work.

At the Contractor’s discretion, local business parking areas may be used as drop sites. The Contractor shall coordinate with local businesses to ensure that the vehicles can be parked at designated locations free of charge for a maximum of 24-hours. The Contractor shall be solely responsible for all motorist injury or vehicular damage that occurs during the transport, repair or storage of the vehicle during these 24 hours. The Contractor shall ensure that some of the businesses at the drop site are open during the time the motorist is present. The Contractor shall provide written documentation from the business owners indicating approval of the drop site, and if appropriate, maintenance of the drop site. Additional working relationships or contracts will not be permitted.

*(d) Courtesy Patrol Hours of Operation and Response Times.*

The CPS shall cover all roadways and detours within the project limits, regardless of weather.

Service shall be provided during the ♦06:30 AM to 09:30 AM and 03:30 PM to 06:30 PM weekday peak periods, with the exception of defined holidays in subsection 101.33 Unless approved by the Engineer otherwise.

The CPS shall respond to an incident in less than 20 minutes of occurrence during peak traffic and lane closures. The response requirements will be waived when CPS trucks are responding to traffic incidents.

*(e) Courtesy Patrol Coverage Area.*

The Contractor shall determine the number of tow trucks required and shall submit a method statement to the Engineer for approval. The method statement shall include the number of tow trucks required and the location and spacing of these trucks. If the response times are not met, the Engineer may require additional testing or monitoring of CPS operations, such that adjustments may be made. All adjustments shall be implemented within three calendar days and shall be at the Contractors expense.

**method of measurement**

Courtesy Patrol will be measured by the actual number of hours it is utilized in the project.

Tow trucks, equipment, maintenance, and CPS related items will not be measured and paid for separately, but shall be included in the work. Re-stocking of CPS related items will be paid for in accordance with subsection 104.04.

CPS certification and training will not be measured and paid for separately, but shall be included in the work.

The following items shall be considered incidental to the work:

(1) Vehicles provided in excess of those stipulated in the TMP/TCP.

(2) Overtime, shift differential, or any other rate adjustments.

### BASIS OF PAYMENT

Payment will be made under:

**Pay Item Pay Unit**

Courtesy Patrol Hour