

SECTION 0202

MAINTENANCE

0202.0100 GENERAL

0202.0101 Description of Work. The work under this Section shall consist of providing flagging services and furnishing, installing, maintaining, moving, and removing barriers, barricades, warning signs, delineators, lights, signals, cones, pavement markings, and other traffic control devices in order to provide safe and efficient passage through and/or around the work, as well as protect the public and workers from damage to person and property within the limits and for the duration of the project. The work shall also consist of sweeping, roadway and subgrade repair, safety feature repair, debris removal, repair of pedestrian features, and other work necessary to provide a smooth and safe traveled way. Cost is incidental unless otherwise noted on the plans, special provisions, or contract.

(A) Maintenance and Protection of Traffic. All work shall conform to the requirements of the current issue of the Work Zone Standards and Guidelines published by the U.S. Department of Transportation, Federal Highway Administration, as amended by the appropriate agency in whose jurisdiction the work is being done, and hereinafter referred to as the traffic control standards. The requirements of the traffic control standards shall be considered the minimum standards for the protection of workers and the public.

Traffic shall be maintained over a reasonably smooth and safe traveled way that shall be so marked by signs, delineators, guiding devices, and other methods such that a person who has no knowledge of conditions may safely—and with a minimum of discomfort and inconvenience—ride, drive, or walk, day or night, over all or any portion of the work where traffic is to be maintained.

The Contractor shall give 2-day advance notice of construction activities to affected public and/or private agencies or businesses that utilize the roadways or easements within construction areas. Affected public and/or private agencies or businesses shall include, but are not limited to:

- Law enforcement
- Fire protection
- Postal service
- School districts
- Transit systems
- Garbage collections

Upon Agency request, the Contractor shall provide written notification of construction activities to both the Agency and affected parties.

This element of work shall be bid as a lump sum per Subsection 0202.0400.

(B) Maintenance of the Project Site. Throughout all phases of work, and until final acceptance of the project, the Contractor shall keep the work area clean and free from rubbish, excess materials, and debris generated by construction activities. The Contractor shall employ all appropriate methods and procedures required to prevent any dust nuisance resulting from the project. Dust control measures shall be maintained at all times, in accordance with Pima County Air Pollution Control District regulations. All holes resulting from the work, regardless of size, are to be barricaded on all sides. This includes, but is not limited to:

- Trenches
- Service connections
- Tapping sleeve and valve installations
- Tie-in connections
- Flush points
- Fire hydrant pits
- Excavations for boring equipment

No pay estimates shall be approved until the construction site complies with this Paragraph.

(C) Maintenance Directed by the Engineer. If the Engineer orders maintenance beyond that required by the Contract Documents for the benefit of the traveling public, the Contractor shall be paid for such maintenance under the respective pay items. The Engineer shall be the sole judge of work to be classed as maintenance beyond that required by the Contract Documents.

(D) Rights In and Use of Materials Found on the Work. With the Engineer's approval, the Contractor may use on the project such excess stone, gravel, or other material determined suitable by the Engineer as may be found in the required excavation. Unless otherwise specified, all other items specified to be removed shall become the property of the Contractor and shall be removed from the site.

(E) Final Cleanup. Prior to final acceptance of the project, any borrow and local material sources, and all areas occupied by the Contractor in connection with the work shall be cleaned of all rubbish, excess materials, temporary structures, and equipment, and all parts of the work shall be left in as good as or better condition than it was prior to construction, as determined by the Engineer.

0202.0400 MEASUREMENT AND PAYMENT

0202.0401 General. Maintenance and protection of traffic shall be bid as a lump sum, and the price bid by the Contractor shall be considered payment in full for the work as follows:

- (1) Maintenance of roadway and sidewalk areas, as well as detours in the project limits, including sweeping and surface/pothole repairs

SECTION 0202

- (2) Storm water control adjacent to roadways, sidewalks, etc.
- (3) Storm and emergency response to protect the work, including labor, equipment, and materials
- (4) Relocation services for all traffic control devices, including labor, equipment, vehicles, and supervision costs for installation, moving, damage repair, relocation, and final removal
- (5) Monitoring of project site on nights, weekends, and holidays
- (6) Traffic control plan preparation and approval process
- (7) Notification of police, fire, ambulance, schools, public transit authorities, postal service, neighborhood groups, businesses, etc.
- (8) Ingress and egress to driveways, bus stops, crosswalks, sidewalks, etc.
- (9) Maintenance of existing traffic control and street signs
- (10) Other non-specific or incidental activities not included in other pay items of work associated with traffic control