

ITEM 673

CONSTRUCTING DETOURS FOR MAINTAINING TWO-WAY TRAFFIC

- 673.1 Description. This item describes the method of construction, maintenance and removal, if required, of a detour road for maintaining two-way traffic. The location of the detour road shall be as indicated on the drawings.
- 673.2 Construction Methods. If temporary detours become necessary to maintain these requirements, the proposed plan view shall be constructed as shown on the drawings. The proposed typical section shall be constructed in accordance with this item.

Where the Contractor is required to maintain two-way, two-lane traffic at all times during the term of the contract, he shall construct a minimum 20 feet wide detour road with minimum 6 inches of black base over a suitably compacted subgrade. The black base shall be installed in accordance with Harris County Specification Item 250 "Hot Mix Asphaltic Concrete Base Course (Black Base)". The subgrade shall be compacted to 95% of Standard Proctor Density (ASTM D698). The black base shall be overlaid with a minimum thickness of 2 inches of hot mix hot-laid asphaltic concrete. The asphaltic concrete shall be in accordance with Item 340, Hot Mix-Hot Laid Asphaltic Concrete.

The Contractor is required to furnish and place all necessary fill material, temporary drainage structures, pavement markings and signage.

The Contractor shall provide, means of ingress and egress for all residents and businesses along all detours and shall provide the public with a means of access at all times. Temporary access driveways along the detour(s) shall provide an all-weather surface and shall be maintained by the Contractor in a condition acceptable to the Engineer.

On the completion of the permanent paving, which will provide two-way traffic movement, the detour road and all related materials shall be milled and delivered to the designated location noted in the bid documents or construction notes. If no designated location is provided in the bid documents or construction notes, it shall be the responsibility of the contractor to remove and dispose of the materials at no additional costs. Drainage structures and fill material used on the detour road may be incorporated in the permanent construction provided no damage has been done to the structures and the fill material meets the requirements of the Items for "Borrow" and "Embankment", or is otherwise approved by the County Engineer.

The detour road, while in service, shall be maintained to the satisfaction of the County Engineer.

Maintenance shall include, but not be limited to, the repair of all base and surface failures and the furnishing and placing of all additional materials required by the County Engineer.

673.3 Measurement. This item will be measured, by the units set out in Part 673.4 of this specification.

673.4 Payment. The basis of payment for this item shall be as follows:

- A. Earthwork required for constructing detours shall not be paid for directly, but shall be incidental to the other items of construction.
- B. The black base shall be paid for by the ton, complete and in-place as outlined in this specification and in Item 250, "Hot Mix Asphaltic Concrete Base Course (Black Base)". Unit prices shall include all maintenance costs during the life of the project, the ultimate removal by milling, and delivery to a designated location, if applicable or removal and disposal of the materials.
- C. Hot mix asphaltic concrete shall be paid for by the ton, complete and in-place as outlined in this specification and in Item 340, titled "Hot Mix-Hot Laid Asphaltic Concrete". Unit prices shall include all maintenance costs during the life of the project, the ultimate removal by milling, and delivery to a designated location, if applicable or removal and disposal of the materials.
- D. Temporary drainage structures shall be paid for per each, complete in-place, as indicated in the drawings.
- E. Temporary concrete or metal pipe shall be paid for by the linear foot, including bedding, backfill and removal.
- F. Temporary pavement markings shall be paid for by the linear foot, which includes removal.

The unit prices include the maintenance during the life of the project and the ultimate removal.

There are line code(s), description(s), and unit(s) for this item.

END OF ITEM 673