Insert this provision when temporary crosswalk access needs to be maintained during construction. Designer may also want to include a construction detail showing these locations.

1. Temporary Crosswalk Access, Item SPV.0045.##

A Description

This special provision describes providing and maintaining accessible crosswalks crossing the construction zone.

A crosswalk is defined as an accessible crossing of a single leg of an intersection, including curb ramps.

B Materials

Furnish a hard temporary surface material consisting of asphaltic surface temporary according to standard spec 465.2, any grade of concrete according to standard spec 602.2, skid resistant steel plating, or alternative material as approved by the engineer. Gravel or base course material is not acceptable.

Furnish 4-inch diameter polyvinyl chloride drainage pipe conforming to AASHTO M 278.

Furnish a protective layer for use in protecting the existing curb and gutter and existing pavement from asphaltic surface temporary in order to allow easy removal of asphaltic surface. Obtain approval from the engineer for the protective layer material.

C Construction

Maintain accessible crosswalks on existing pavement, new pavement, or temporary surface material where the plans show or engineer directs.

C.1 Crosswalk

Install, maintain, relocate (if necessary to accommodate work or operations), and remove temporary surface material at Temporary Crosswalk Access locations as the plans show and as the engineer directs. Level and compact the surface before placing temporary surface material. The temporary crosswalk shall have a minimum clear width of 4 feet; be located outside the immediate work area, as approved by the engineer; and meet the requirements of the current Americans with Disabilities Act Accessibility Guidelines (ADAAG). Reconstruct Temporary Crosswalk Access when disturbed by construction operations or utility trenches.

C.2 Temporary Curb Ramp

Place 4-inch PVC drainage pipe in the flow line of the curb and gutter to maintain storm water drainage.

Place a protective layer between the existing curb and gutter or existing pavement and the asphaltic surface or concrete for temporary curb ramp.

For the portion of the temporary curb ramp in the terrace area, form the foundation by excavating at least 3 inches. Tamp or compact the foundation to ensure stability.

Place asphaltic surface temporary according to standard spec 465.3.1 or place concrete according to standard spec 602.3.2.3, and as shown in the plan.

Maintain temporary curb ramps until permanent curb ramps and crosswalks are in place and open to pedestrian traffic as the engineer directs.

Remove temporary curb ramps once permanent curb ramps and crosswalks are open and restore the site.

D Measurement

The department will measure Temporary Crosswalk access by the day in service, acceptably completed. The measured quantity will equal the number of calendar days a crosswalk through the work area is open to pedestrian traffic. A crosswalk is defined as an accessible crossing of a single leg of an intersection with existing, temporary, or finished curb ramps meeting ADA requirements. A crossing of a street with an island within the route will be considered a single crosswalk. Each day that the crosswalk is out of service for more than 2 hours will result in 1 day being deducted from the quantity measured for payment.

E Payment

The department will pay for the measured quantity at the contract unit price under the following bid item:

ITEM NUMBER DESCRIPTION UNIT

SPV.0045.## Temporary Crosswalk Access DAY

Payment is full compensation for furnishing, loading and hauling materials; for preparing the foundation; for furnishing, placing, maintaining, and removing temporary surface material; and for reconstructing or relaying the temporary surface material.

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