

ITEM 608.0150—10 - CURB RAMP

DESCRIPTION:

The work shall consist of constructing Concrete Sidewalk Curb Ramps; including landings, transitions, embedded detectable warning units and associated curbing in accordance with all applicable Standard Sheets and Specifications, and the Contract Documents. The work also includes in-kind restoration of disturbed areas; including pavement, snow storage area, and the area behind the curb ramp.

MATERIAL:

Materials required for this work shall comply with, but are not limited to, the following Sections: 203-2, 304-2, 402-2, 407-2, 608-2, 609-2, 612-2, and 613-2.

All equipment proposed for saw cutting shall be subject to approval by the Engineer prior to actual use.

CONSTRUCTION DETAILS:

The work shall include any site survey; demolition; saw cutting; excavation; disposal; fill; pavement removal; subbase material; grading; compaction; construction of the new Curb Ramps, landings, transitions, associated curbing; and restoration of disturbed areas; including pavement, snow storage area, and the area behind the curb ramp.

The work shall be in conformance with the Standard Sheets for Sidewalk Curb Ramps and the Contract Documents. The work performed shall comply with, but is not limited to, the following Sections: 203-3.01, 203-3.02, 203-3.03, 203-3.04, 203-3.06, 203-3.07, 203-3.11, 203-3.12, 304-3, 401-3, 402-3, 407-3, 608-3, 609-3, 612-3 and 613-3.

The location of the curb ramps shall be properly graded to conform with the sidewalk curb ramp cross section and line and grade. The graded area shall be firm and dry before placing the concrete and all organic or unsuitable materials, existing curbs, and sidewalks shall be removed.

The sidewalk curb ramps, landings, and transitions shall be constructed of reinforced concrete 150 mm thick. Reinforcement shall be as described Standard Specification Section 608-2.

Curb at the sidewalk curb ramp location shall be placed monolithic with the sidewalk portion of the ramp.

The elevation of the bottom of the concrete at the curblines shall match the bottom of pavement when the adjacent pavement is concrete and the bottom of subbase when the adjacent pavement is asphalt.

Saw cutting shall be along a neat line as indicated on the plans or where directed by the Engineer.

Detectable warnings shall be in a color contrasting with the curb ramp, light-on-dark or dark-on-light. Concrete ramps shall have dark gray detectable warnings. Certain curb ramp configurations will require curved or radial detectable warnings.

METHOD OF MEASUREMENT:

Payment will be made by the number of square meters of Curb Ramp satisfactorily installed.

When this specification is used in a project with non in-kind restoration of the snow storage area, sidewalk, etcetera; the cost of excavation and embankment will be covered under this specification and the installation of the final surface treatment under the proposed non in-kind restoration item.

When this specification is used in a project with pavement work adjacent to the proposed curb ramp; the cost of pavement restoration/installation in front of the curb will be paid for under the various pavement items.

BASIS OF PAYMENT:

The unit price bid per square meter shall include the cost of all labor, materials, and equipment necessary to satisfactorily complete the work.