ITEM 604.500100WE – UNDER SIDEWALK CROSS DRAIN

DESCRIPTION:
The work shall consist of constructing a drain beneath the sidewalk to day light at the face of curb in accordance with all Standard Specifications, as directed by the Engineer and in reasonably close conformity to the contract documents.

The work shall include any site survey, excavation, removal, subbase work, compaction, steel plate and anchorage installation, and curb work associated with the construction of Under Sidewalk Cross Drain. All material and labor required to perform this installation shall be included as outlined under Basis of Payment.

MATERIAL:
Materials required for this work shall comply with, but are not limited to, the following Sections: 304-2, 608-2, 609-2, and 705-2.

Metal shall meet the requirements of ASTM A-36. The metal cover shall be hot-dip galvanized. Welding of the metal grate shall meet the requirements of the American Welding Society D1.1.

CONSTRUCTION DETAILS:
The contractor shall provide all necessary equipment, labor and materials, all in accordance with the New York State Standards. The contractor shall be in compliance with New York State Code, Rule 753. The contractor shall coordinate with utility companies and any appropriate governmental agency when utilities and/or access to these facilities are affected by the contractor’s work. This may include, but is not limited by, utility poles, pull boxes shut off boxes manhole access covers and underground equipment. Any existing facilities not indicated to be removed that are damaged by the contractor’s operations, shall be repaired by the contractor, to the satisfaction of the Engineer, at no additional cost.

The concrete bottom of the Under Sidewalk Cross Drain shall be placed at the proper line and grade, sufficient to convey stormwater from the edge of pavement to drainage structure or channel.

The contractor shall construct concrete curb along concrete sidewalk and asphalt curb along asphalt sidewalks to convey water under the sidewalk to the drainage structure or channel.

METHOD OF MEASUREMENT:
Payment will be made at the unit price bid for each Under Sidewalk Cross Drain satisfactorily installed, complete in place, in accordance with the contract documents.

BASIS OF PAYMENT:
The unit price bid shall include the cost of furnishing all labor, material, and equipment necessary to satisfactorily complete the work, to the acceptance of the Engineer.

5/26/2011  
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