ITEM 411 STABILIZED CRUSHED AGGREGATE

411.01 Description. This work consists of placing a compacted course or courses of crushed aggregate.

411.02 Materials. Furnish materials conforming to 703.18.

411.03 Construction Methods. Construct the subgrade according to Item 204. Use the spreading and compaction requirements of Item 304, except as modified by the following:

A. Use a maximum compacted lift thickness of 6 inches (150 mm).

B. Perform the initial compaction of the material by using crawler type tractors, tamping rollers, trench rollers, suitable pneumatic tire equipment, or other suitable equipment.

C. Perform final compaction of the surface of the stabilized crushed aggregate by using approved pneumatic tire equipment.

411.04 Method of Measurement. The City will measure Stabilized Crushed Aggregate by the number of cubic yards (cubic meters), computed from the profile grade, cross-sections and typical sections, compacted in place.

When the plans provide for the use of material in variable width or depth of course and the quantity cannot be readily calculated from the profile grade, typical sections and cross-sections, the City will measure the cubic yards (cubic meters) by converting from weight using the following conversion factors:

TABLE 411.04-1

Material	Conversion Factor	
Crushed stone	3800 lb/yd^3	2250 kg/m^3
Crushed gravel	3900 lb/yd^3	2310 kg/m^3
Crushed slag [1]		
less than 90 lb/ft^3 (1450 kg/m^3)	3600 lb/yd^3	2140 kg/m^3
90 to 100 lb/ft^3 (1450 to 1600 kg/m^3)	4000 lb/yd^3	2375 kg/m^3
more than 100 lb/ft^3 (1600 kg/m^3)	4500 lb/yd^3	2670 kg/m^3
Granulated slag	2800 lb/yd^3	1660 kg/m^3
Recycled Portland Cement Concrete	3400 lb/yd^3	2020 kg/m^3
Recycled Asphalt Concrete Pavement	4000 lb/yd^3	2375 kg/m^3

[1] Based on average dry rodded weight of standard size of slag aggregates on record at the Laboratory. The conversion factors listed are the long gradation weights. These numbers are based on the dry rodded weights of Nos. 67, 57, or 8 gradation. The City will determine slag weights based on weights obtained from the original source.

The City will classify salvaged or mixed materials according to the material that makes up the majority of the mixture.

Ensure that the moistures of the delivered material are less than 2 percent above saturated surface dry condition; if not, the City will base payment on the dry densities and dry weights.

Furnish freight bills or certified weight bills according to 109.

411.05 Basis of Payment. The City will pay for accepted quantities at the contract price as follows:

Item	Unit	Description
411	Cubic Yard (Cubic Meter)	Stabilized Crushed Aggregate