

607.175	Chain Link Fence - 1.8 m [6 ft] - without Top Rail	meter [Linear Foot]
607.22	Cedar Rail Fence	meter [Linear Foot]
607.23	Chain Link Fence Gate	Each
607.24	Remove and Reset Fence	meter [Linear Foot]
607.25	Remove and Reset Chain Link Fence	meter [Linear Foot]
607.30	Bracing Assembly Type I - Wood Posts	Each
607.31	Bracing Assembly Type II - Wood Posts	Each
607.32	Bracing Assembly Type I - Metal Posts	Each
607.33	Bracing Assembly Type II - Metal Posts	Each
607.34	Bracing Assembly Chain Link Fence	Each
607.35	Bracing Assembly Chain Link Fence - PVC Coated	Each

SECTION 608 - SIDEWALKS

608.01 Description Construct asphalt, brick paved, or concrete sidewalks.

608.02 Materials Materials shall meet the requirements specified in the following Sections of Division 700 - Materials:

Preformed Expansion Joint Filler	705.01
Welded Steel Wire Fabric	709.02
Brick for Paving	704.02

Portland cement concrete for sidewalks shall be class LP and meet the requirements of Section 502 - Structural Concrete.

Bituminous paved sidewalks shall meet the requirements of Section 403 - Hot Bituminous Pavement.

The new aggregate required to build new sidewalk shall meet the requirements of Standard Specification 703.06(a) Aggregate Base and Subbase, Type B. New aggregate for regrading an existing sidewalk shall meet the requirements of Section 703.10 - Untreated Surface Course and Leveling.

Standard compacting will be required for all areas where 150 mm [6 in] or more new or

disturbed aggregate is placed. Where 150 mm [6 in] or less is placed, compaction will be achieved by plate compactor, hand tamp or other means approved by the Resident.

608.03 Portland Cement Concrete Sidewalks

- a. Excavation Excavation shall be to the depth and width that will permit the installation and bracing of the forms. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plan. All soft and yielding material shall be removed and replaced with acceptable material.
- b. Forms Forms shall be of wood or metal and shall extend for the full depth of the concrete. All forms shall be true, free from warp and of sufficient strength to resist the pressure of the concrete without springing. Bracing and staking of forms shall be such that the forms remain in both horizontal and vertical alignment until their removal.
- c. Placing Concrete The foundation shall be thoroughly moistened immediately prior to placing the concrete. The proportioning, mixing and placing of the concrete shall be in accordance with the requirements of Section 502 - Structural Concrete.
- d. Finishing The surface shall be finished with a wooden float, which shall be moved in a circular motion to produce a shell-like pattern. No plastering of the mortar will be permitted. All outside edges of the slab and all joints shall be rounded with a 6 mm [$\frac{1}{4}$ in] radius-edging tool.
- e. Joints Joints shall be located as shown on the plans. Slabs shall be placed alternately and the joints coated with an approved bituminous material before placing the adjacent slab.

When a concrete sidewalk is constructed adjacent to a curb, building, retaining wall, or other fixed structure, a preformed joint filler 6 mm [$\frac{1}{4}$ in] thick shall be used between the slab and the structure.

- f. Curing Concrete shall be cured for at least 72 hours. Curing shall be by moist burlap or mats, white-pigmented curing compound or by other approved methods. During the curing period, all traffic, both pedestrian and vehicular, shall be excluded. Vehicular traffic shall be excluded for such additional time as may be directed.

608.04 Hot Bituminous Sidewalk

a. Excavation Excavation shall be to the required depth and width. The foundation shall be shaped and compacted to a firm even surface conforming to the section shown on the plan. All soft and yielding material shall be removed and replaced with acceptable material.

b. Base Course Base course material shall be placed as shown on the plans and each layer thoroughly compacted.

c. Placing Bituminous Sidewalk Material Bituminous sidewalk material shall be placed on the compacted base course in two courses to provide the required depth when rolled. Compaction shall be by a power roller having a minimum total weight of 900 kg [1 ton] with a minimum of 1160 kg/m [65 lb/in] of width of the drive roll or by satisfactory power vibratory compaction equipment. In areas inaccessible to other equipment, hand tamping will be permitted. In any case, the bituminous sidewalk material shall be uniformly compacted.

608.41 Brick Sidewalk Excavation shall be to the required depth and width and the foundation shaped and compacted to a firm even surface conforming to the section shown on the plan. All soft and yielding material shall be removed and replaced with acceptable material.

608.42 Construct Sidewalk The work shall consist of excavating the existing ground, placing and compacting new aggregate as necessary to build the sidewalk in the new location as shown on the plans and typical sections.

608.43 Regrading Sidewalk The work shall consist of removing the existing pavement, adding and compacting new aggregate as necessary and regrading the gravel base to conform to the grading limits shown on the plans and typical sections.

608.05 Method of Measurement Construct sidewalk, regrading sidewalk, Portland cement concrete sidewalks, and brick sidewalk will be measured by the square meter [square yard] of finished surface. Bituminous concrete sidewalks will be measured by the megagram [ton] of bituminous mixture placed.

608.06 Basis of Payment The accepted quantities of sidewalk will be paid for at the

contract unit price per square meter [square yard] for portland cement concrete sidewalk and brick sidewalk, per megagram [ton] for hot bituminous sidewalk and cubic meter [cubic yard] for base course material complete in place. Excavation will be paid for under Section 203 - Excavation and Embankment. Expansion joint material, joint filler, and other related items will not be paid for separately but the cost thereof shall be included in the cost of the sidewalk. Base and subbase material will be paid for under Section 304 - Aggregate Base and Subbase Course. Bituminous mixture for sidewalk will be paid for under Section 403 - Hot Bituminous Pavement.

For constructing sidewalk, payment will be for excavation, new aggregate and necessary incidentals to bring the grade to prepave grade. For regrading sidewalk, payment will be for removing existing pavement regrading existing gravel base and adding new material as necessary.

Payment for reinforcement will be considered included in the contract unit price for reinforced concrete sidewalk.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
608.07 Plain Concrete Sidewalk Yard]	square meter [Square
608.08 Reinforced Concrete Sidewalk Yard]	square meter [Square
608.10 Brick Sidewalk (Remove and Rebuild) Yard]	square meter [Square
608.15 Brick Sidewalk with Bituminous Base Yard]	square meter [Square
608.16 Brick Driveway Aprons with Bituminous Base Yard]	square meter [Square
608.45 Construct Sidewalk Yard]	square meter [Square
608.46 Regrading Sidewalk Yard]	square meter [Square