

1 Amend **Section 608 - Sidewalks** to read as follows:

2  
3 **"SECTION 608 - SIDEWALKS**

4  
5 **608.01 Description.** This work includes constructing concrete sidewalks  
6 according to the contract.

7  
8 **608.02 Materials.** Materials shall conform to the following:

9  
10 Bed Course Material for Sidewalks and Curbing 703.16(A)

11  
12 Joint Fillers 705.01

13  
14 Reinforcing Steel 709.01

15  
16 Concrete for sidewalks shall conform to Section 601 - Structural Concrete  
17 and shall be Class B.

18  
19  
20 Concrete and bituminous mixes will be subject to inspection and tests at  
21 the mixing plants for compliance with quality requirements.

22  
23 The condition of materials will be subject to inspection for acceptance  
24 before or during incorporation of materials into the work.

25  
26 **608.03 Construction Requirements**

27  
28  
29 Place concrete sidewalks four inches thick either reinforced or  
30 unreinforced as shown in the contract.

31  
32 **(1) Preparation.** Shape and compact the foundation to a firm  
33 even surface conforming to the section shown in the contract.  
34 Remove and replace soft and yielding materials with acceptable  
35 material.

36  
37 **(2) Forms.** Forms shall be of wood or metal and shall extend  
38 for the full depth of the concrete. Forms shall be straight, free  
39 from warp and of sufficient strength to resist the pressure of the  
40 concrete without springing. Bracing and staking of forms shall be  
41 such that the forms remain in both horizontal and vertical  
42 alignment until their removal.

43  
44 **(3) Placing Concrete.** Moisten the foundation thoroughly  
45 immediately before placing the concrete. Place the concrete  
46 according to Section 503 - Concrete Structures.

1           **(4) Finishing.**       Work the surface with a wooden float and  
2 broom finished.       The Engineer will not permit plastering of the  
3 surface.  
4

5                       Edge the outside edges of the slab and joints with a 0.25  
6 inch radius edging tool.  
7

8                       The surface of the sidewalk shall be a true plane with a 0.25  
9 to 12 slope toward the roadway.  
10

11           **(5) Joints.**   Form the construction joints around appurtenances  
12 such as manholes and utility poles extending into and through the  
13 sidewalk.   Install 0.25-inch thick premolded expansion joint filler  
14 in these joints.   Install 0.5-inch thick premolded expansion joint  
15 fillers between concrete sidewalks and any fixed structure such as  
16 a building or bridge.   Extend the expansion joint material from the  
17 bottom of the slab to approximately 0.25 inch below the top surface  
18 of the concrete construction.  
19

20                       Divide the slab between expansion or construction joints into  
21 sections approximately five feet in length by transverse weakened  
22 plane joints formed by a jointing tool.   Also, provide transverse  
23 weakened plane joints when the time period between consecutive  
24 concrete placements is more than 45 minutes.   Form the  
25 weakened plane joints into the concrete to a depth of 0.25 of the  
26 thickness and approximately 0.125 inch in width with a scoring tool  
27 which will leave the edges round.   Where slabs are more than 7  
28 feet in width, form weakened plane joints longitudinally to obtain  
29 secure uniform blocks that are approximately square.   Install  
30 weakened plane joints where the corners of drop inlets project into  
31 the sidewalk.  
32

33                       Match joints with the curb or pavement joints.  
34

35           **(6) Curing.**   Cure the concrete for at least 72 hours.   Curing  
36 shall be by moist burlap or mats or by other accepted methods.  
37 During the curing period, exclude pedestrian and vehicular traffic.  
38 Exclude the vehicular traffic for such additional time as the  
39 Engineer may specify.  
40

41   **608.04 Method of Measurement.**       The Engineer will measure concrete  
42 sidewalk per square yard.  
43

44   **608.05 Basis of Payment.**   The Engineer will pay for the accepted concrete  
45 sidewalk at the contract unit price per square yard complete in place.   The price  
46 includes full compensation for excavating; backfilling; installing reinforcing  
47 steel; placing and compacting bed course material; furnishing and placing the

concrete; installing expansion joint material, weakened plane joint, and ramps; and furnishing labor, materials, equipment, tools, and other incidentals necessary to complete the work.

**The Engineer will make payment under:**

### Pay Item

### Pay Unit

## Concrete Sidewalk

Square Yard”

**END OF SECTION 608**