



**634.03**

33           **(G) Joints.** Match joints with curb or pavement joints.

34           **(1) Expansion Joints.** Use 1/2-inch-thick preformed expansion  
35 joint filler at fixed structures, such as buildings, bridges, or walls, and  
36 at curb returns. Extend preformed expansion joint filler from bottom of  
37 sidewalk to approximately 1/4 inch below top of sidewalk.

38           **(2) Weakened-Plane Joints.** Divide sidewalk between expansion  
39 or construction joints into sections approximately 5 feet in length by  
40 providing transverse, weakened-plane joints. Provide transverse,  
41 weakened-plane joints when time period between consecutive  
42 concrete placements is more than 45 minutes.

43                         Where sidewalks are more than 7 feet in width, provide  
44 longitudinal, weakened-plane joints to obtain secure uniform blocks  
45 that are approximately square.

46                         Provide weakened-plane joints where corners of drop inlets  
47 project into sidewalk. Form weakened-plane joints to 1-inch minimum  
48 depth and approximately 1/8-inch width using scoring tool, saw, or  
49 other means acceptable to the Engineer.

50           **(3) Construction Joints.** Form construction joints around  
51 appurtenances such as manholes and utility poles extending through  
52 entire sidewalk. Provide 1/4-inch-thick preformed expansion joint filler  
53 for full depth of joints.

54           **(H) Curing.** Cure concrete for at least 72 hours in accordance with  
55 Subsection 503.03(L) – Curing Methods. Protect concrete from pedestrian  
56 traffic for 72 hours and from vehicular traffic for seven days.

57           **(I) Backfilling.** After sidewalk has set, fill remaining excavated areas  
58 with material acceptable to the Engineer. Place and tamp fill in lifts up to 6  
59 inches in depth.

60   **634.04 Measurement.** Portland cement concrete sidewalks will be paid on a  
61 lump sum basis. Measurement for payment will not apply.

62   **634.05 Payment.** The Engineer will pay for accepted portland cement concrete  
63 sidewalk on a contract lump sum basis. Payment will be full compensation for work  
64 prescribed in this section and contract documents.

65           The Engineer will pay for following pay item when included in proposal  
66 schedule:

67 <b>Pay Item</b>	<b>Pay Unit</b>
68   Portland Cement Concrete Sidewalk	Lump Sum

69

70           The Engineer will pay for excavation of unsuitable material and backfill with  
71 material acceptable to the Engineer under Section 203 – Excavation and  
72 Embankment. If no pay item exists, refer to Subsection 104.02 – Changes.

73

**END OF SECTION 634**