

ITEM 608.0101 05 M – DIAMOND GRINDING CONCRETE SIDEWALKS

DESCRIPTION. Grind existing portland cement concrete (PCC) sidewalks as indicated in the contract documents such that the sidewalks comply with the Americans with Disabilities Act Accessibility Guidelines.

MATERIALS (Equipment). Use Engineer-approved equipment specifically designed for diamond grinding PCC that includes a system capable of removing any produced slurry.

CONSTRUCTION DETAILS. Grind the sidewalks where indicated in the contract documents such that both sides of joints and cracks are in essentially the same plane, ± 5 mm, over a distance of 500 mm. Begin and end grinding at straight lines parallel to the joint or crack being ground such that the ground area forms a neat rectangle or other shape acceptable to the Engineer. Continuously remove the slurry such that it does not flow onto adjacent properties or into drainage structures and leaves the sidewalk clean.

METHOD OF MEASUREMENT. The work will be measured for payment as the number of square meters sidewalk satisfactorily ground.

BASIS OF PAYMENT. Include the cost of all labor, material, and equipment necessary to satisfactorily perform the work in the unit price bid for Grinding Concrete Sidewalks.