



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Bonifacio Drive, Port Area Manila



DPWH 097.13
01.22.2025

JAN 21 2025

DEPARTMENT ORDER)

NO. 11)

Series of 2025
1/22/2025

**SUBJECT: DPWH Standard Specification for
Item 311 (2) – Portland Cement
Concrete Pavement (Reinforced)**

In order to ensure uniformity in the application/adoption of the Pay Items of Work to be used/ adopted by those who are involved in the preparation of the Design Plans and Quantities, Program of Works (POW) and Approved Budget for the Contract (ABC) for Infrastructure Projects Nationwide, the **DPWH Standard Specification for Item 311 (2) – Portland Cement Concrete Pavement (Reinforced)** with a thickness of 0.32 m is hereby prescribed for adoption in Government infrastructure projects that require the utilization of such in the Program of Works. Hence, the above-mentioned subject has been reviewed/evaluated, deliberated, and formulated.

Other provisions shall be in accordance with the requirements of the Standard Specification for Item 311, Portland Cement Concrete Pavement and shall form part of the DPWH Standard Specifications for Highways, Bridges and Airports, Volume II, 2012 Edition.

This Order shall take effect immediately.

MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN5U02089

Encl.: DPWH Standard Specification for Item 311 (2) – Portland Cement Concrete Pavement (Reinforced)

14.1.2 JDV/MGM/AGC

**DPWH Standard Specification for
Item 311 (2) – Portland Cement Concrete Pavement (Reinforced)**

311 (2).1 Description

This Item shall consist of pavement of Portland Cement Concrete, with reinforcement, constructed on the prepared base in accordance with this Specification and in conformity with lines, grades, thickness and typical cross-section shown on the Plans.

311 (2).2 Material Requirements

Material Requirements shall conform to the applicable requirement of Subsection 311.2, Material Requirements.

311 (2).3 Construction Requirements

Construction Requirements shall conform to the applicable requirement of Subsection 311.3, Construction Requirements.

311 (2).4 Method of Measurement

The area to be paid for under this Item shall be the number of square meters (m²) of concrete placed and accepted in the completed pavement. The width for measurements will be the width from outside edge to outside edge of the completed pavement as placed in accordance with the Plans or as otherwise required by the Engineer in writing. The length will be measured horizontally along the center line of each roadway or ramp. Any curb and gutter placed shall not be included in the area of concrete pavement measured.

311 (2).5 Basis of Payment

The accepted quantity, measured as prescribed in Section 311 (2).4, shall be paid for at the contract unit price for Portland Cement Concrete Pavement (Reinforced) which price and payment shall be full compensation for preparation of roadbed and finishing of shoulders, unless otherwise provided by the Special Provisions, furnishing all materials, for mixing, placing, finishing and curing all concrete, for furnishing and placing all joint materials, for sawing weakened plane joints, for fitting the prefabricated center metal joint, for facilitating and controlling traffic, and for furnishing all labor, equipment, tools and incidentals necessary to complete the Item.

Payment will be made under:

Pay Item Number	Description	Unit of Measurement
311 (2)a	Portland Cement Concrete Pavement (Reinforced), 0.15 m thick, 14 days	Square Meter

Pay Item Number	Description	Unit of Measurement
311 (2)b1	Portland Cement Concrete Pavement (Reinforced), 0.20 m thick, 14 days	Square Meter
311 (2)b2	Portland Cement Concrete Pavement (Reinforced), 0.20 m thick, 7 days	Square Meter
311 (2)b3	Portland Cement Concrete Pavement (Reinforced), 0.20 m thick, 3 days	Square Meter
311 (2)c1	Portland Cement Concrete Pavement (Reinforced), 0.23 m thick, 14 days	Square Meter
311 (2)c2	Portland Cement Concrete Pavement (Reinforced), 0.23 m thick, 7 days	Square Meter
311 (2)c3	Portland Cement Concrete Pavement (Reinforced), 0.23 m thick, 3 days	Square Meter
311 (2)d1	Portland Cement Concrete Pavement (Reinforced), 0.25 m thick, 14 days	Square Meter
311 (2)d2	Portland Cement Concrete Pavement (Reinforced), 0.25 m thick, 7 days	Square Meter
311 (2)d3	Portland Cement Concrete Pavement (Reinforced), 0.25 m thick, 3 days	Square Meter
311 (2)e1	Portland Cement Concrete Pavement (Reinforced), 0.28 m thick, 14 days	Square Meter
311 (2)e2	Portland Cement Concrete Pavement (Reinforced), 0.28 m thick, 7 days	Square Meter
311 (2)e3	Portland Cement Concrete Pavement (Reinforced), 0.28 m thick, 3 days	Square Meter
311 (2)f1	Portland Cement Concrete Pavement (Reinforced), 0.30 m thick, 14 days	Square Meter
311 (2)f2	Portland Cement Concrete Pavement (Reinforced), 0.30 m thick, 7 days	Square Meter
311 (2)f3	Portland Cement Concrete Pavement (Reinforced), 0.30 m thick, 3 days	Square Meter
311 (2)g1	Portland Cement Concrete Pavement (Reinforced), 0.33 m thick, 14 days	Square Meter
311 (2)g2	Portland Cement Concrete Pavement (Reinforced), 0.33 m thick, 7 days	Square Meter
311 (2)g3	Portland Cement Concrete Pavement (Reinforced), 0.33 m thick, 3 days	Square Meter
311 (2)h1	Portland Cement Concrete Pavement (Reinforced), 0.35 m thick, 14 days	Square Meter

Pay Item Number	Description	Unit of Measurement
311 (2)h2	Portland Cement Concrete Pavement (Reinforced), 0.35m thick, 7 days	Square Meter
311 (2)h3	Portland Cement Concrete Pavement (Reinforced), 0.35 m thick, 3 days	Square Meter
311 (2)i1	Portland Cement Concrete Pavement (Reinforced), 0.32 m thick, 14 days	Square Meter
311 (2)i2	Portland Cement Concrete Pavement (Reinforced), 0.32 m thick, 7 days	Square Meter
311 (2)i3	Portland Cement Concrete Pavement (Reinforced), 0.32 m thick, 3 days	Square Meter