



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila



097-13 DPWH
03.12.2024

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DEPARTMENT ORDER)
NO. 31)
Series of 2024)
on 3/12/2024

SUBJECT: Standard Detailed Unit Price Analysis (DUPA) Supplementary to DPWH Road and Bridge Construction Cost Estimation Manuals

In line with the continuing efforts of the Department to implement projects at the right cost and ensure uniformity in the derivation of unit costs for the preparation and review of the Program of Works (POW) and Approved Budget for the Contract (ABC), all Implementing Offices are hereby directed to adopt the DUPA sheets provided herein for this purpose.

These Standard DUPA sheets, prepared, validated, and deliberated upon by the Bureau of Construction (BOC) in collaboration with Implementing Offices, shall form part of and supplement the DPWH Road Construction Cost Estimation Manual (RCCM) and Bridge Construction Cost Estimation Manual (BCCM). The Pay Item Number, Description, and Unit of Measure shall be consistent with the implementation of the most current Standard Pay Item List for DPWH Infrastructure Projects, based on the latest edition of the DPWH Standard Specifications for Highways, Bridges and Airport (Volume II).

This Order supplements Department Order No. 68, Series of 2016, and Department Order No. 207, Series of 2016, and shall take effect immediately.

MANUEL M. BONOAN
Secretary

6.1 ASB|MGM|AGC

Department of Public Works and Highways
Office of the Secretary



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Pay Item No.	Description	Unit of Measure
101(3)c1	Removal of Actual Structures/Obstruction, 0.05 m thick, ACP	Square Meter
210(1)	Crack and Seat	Square Meter
413(4)a	Expansion Joint	Linear Meter
416(1)a	Carbon Fiber Sheet, 1 Layer	Square Meter
416(1)b	Carbon Fiber Sheet, 2 Layers	Square Meter
416(2)	Carbon Fiber Plate	Square Meter
424(1)	Chain-Type Bridge Unseating Prevention Restrainers	Each
509(1)d1	Sheet Piles, PVC, Furnished	Linear Meter
509(1)d2	Sheet Piles, PVC, Driven	Linear Meter
512(1)a	Erosion Control Mat, Type 1	Square Meter
512(1)b	Erosion Control Mat, Type 2	Square Meter
512(1)c	Erosion Control Mat, Type 3	Square Meter
512(1)d	Erosion Control Mat, Type 4	Square Meter
512(1)e	Erosion Control Mat, Type 5	Square Meter
513(1)	Permanent Ground Anchor	Linear Meter
515(1)	Mechanically-Stabilized Earth (MSE) Retaining Walls	Square Meter
517(1)a	Drain Pipe, Galvanized	Linear Meter
520(1)	Hydroseeding	Square Meter
522(4)b	Active Wire Mesh System, High Tensile	Square Meter
607(3)a1	Internally Illuminated (Solar) Pavement Levelled Marker/Stud Flush Type, 123 mm dia., Mono-Directional or Uni-Directional	Each
607(3)a2	Internally Illuminated (Solar) Pavement Levelled Marker/Stud Flush Type, 143 mm dia., Mono-Directional or Uni-Directional	Each
607(3)b	Internally Illuminated (Solar) Pavement Levelled Marker/Stud Flush Type, Bi-Directional	Each
607(3)c	Internally Illuminated (Solar) Pavement Levelled Marker/Stud Flush Type, Omni-Directional	Each
618(1)	Reflectorized Thermoplastic Rumble Strips	Square Meter
624(9)a1	Single Arm Solar LED Roadway Lighting, 8-m Pole, 60W - 80W	Each
624(9)a2	Single Arm Solar LED Roadway Lighting, 9-m Pole, 80W - 125W	Each
628(1)a	Waterproofing on Deck Slab, Torch Applied	Square Meter
637(1)	Single Roller Barrier System	Linear Meter
637(2)	Double Roller Barrier System	Linear Meter
715(2)	Separation Geotextile	Square Meter
729(1)	Protective Coating for Concrete	Liter
734(2)a	Stone Mastic Asphalt Surface Course, without Cellulose Fibers and PMB	Square Meter

