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

BAGONG PILIPINAS

097.13 DPWH
12.13.2024

DEC 1 1 2024

DEPARTMENT ORDER)
)
NO. 232)
Series of 2024)
dv 12/13/2024

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

In line with the Department's continuing efforts to implement projects at the right cost, and ensure consistency in determining 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 standard cost sheets/Detailed Unit Price Analysis (DUPA) provided herein.

These standard DUPA, developed and validated by the Bureau of Construction (BOC) in collaboration with Implementing Offices, shall form part of and supplement the existing DPWH Road Construction Cost Estimation Manual (RCCEM), Bridge Construction Cost Estimation Manual (BCCEM), and Flood Control and Drainage Structures Construction Cost Estimation Manual (FCDSCCEM). The corresponding pay item numbers, descriptions and units of measure shall adhere with the most recent Standard Pay Item List for DPWH Infrastructure Projects.

This Order supplements Department Order No. 68, Series of 2016, Department Order No. 207, Series of 2016, and Department Order No. 50, Series of 2024 and shall take effect immediately.

MANUEL M. BONOAN
Secretary

6.1 ASB|MGM|AGC

Department of Public Works and Highways
Office of the Secretary
WIN4W02316

Summary of Additional Standard Detailed Unit Price Analysis (DUPA)

Pay Item No.	Description	Unit of Measure	Remarks
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Subbase Course
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Base Course
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Surface Course
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Subbase Course (for intermittent reblocking)
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Base Course (for intermittent reblocking)
206(1)	Polymer Stabilized Subbase/Base/Surface Course	Cubic Meter	Surface Course (for intermittent reblocking)
304A(1)	Slurry Surface Treatment (SST)	Square Meter	12 mm-thick SST
310(12)a	Bituminous Concrete Surface (with Anti-Rutting Additive), Hot Laid, 30 mm	Square Meter	
310(12)b	Bituminous Concrete Surface (with Anti-Rutting Additive), Hot Laid, 40 mm	Square Meter	
310(12)c	Bituminous Concrete Surface (with Anti-Rutting Additive), Hot Laid, 50 mm	Square Meter	
314(1)	Pavement Milling	Square Meter	15 mm-thick PCCP
413(4)b1	Expansion Joint, 30 mm gap, Steel Finger Type	Linear Meter	
413(4)b1	Expansion Joint, 30 mm gap, Steel Finger Type	Linear Meter	Removal and Installation
413(4)b2	Expansion Joint, 50 mm gap, Steel Finger Type	Linear Meter	
413(4)b2	Expansion Joint, 50 mm gap, Steel Finger Type	Linear Meter	Removal and Installation
413(4)b3	Expansion Joint, 70 mm gap, Steel Finger Type	Linear Meter	
413(4)b3	Expansion Joint, 70 mm gap, Steel Finger Type	Linear Meter	Removal and Installation
413(4)b4	Expansion Joint, 80 mm gap, Steel Finger Type	Linear Meter	
413(4)b4	Expansion Joint, 80 mm gap, Steel Finger Type	Linear Meter	Removal and Installation
413(4)b5	Expansion Joint, 100 mm gap, Steel Finger Type	Linear Meter	
413(4)b5	Expansion Joint, 100 mm gap, Steel Finger Type	Linear Meter	Removal and Installation
425(8)	Special Anti-Corrosion Paint	Square Meter	
425(11)	Bridge Seat Extension	Cubic Meter	
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	800 mm Ø
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	1000 mm Ø
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	1200 mm Ø
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	1500mm Ø
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	2000mm Ø
500(13)	High-Density Polyethylene Pipe (Structured Wall Pipe)	Linear Meter	3500mm Ø
635(2)	Composite Crack-Prevention Geogrid	Square Meter	
1407(1)	Tetrapod	Piece	Using Concrete Batch Plant
1407(1)	Tetrapod	Piece	Using Ready-mix Concrete