



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

Reference Number: **XI-216**  
Project ID: **P00509849MN**

May 11, 2021

**MEMORANDUM**

**FOR :** **MARK A. VILLAR**  
Secretary  
This Department

This refers to the memorandum dated April 28, 2021 of **DPWH Region XI OIC-Regional Director REY PETER B. GILLE**, endorsing the request of **District Engineer RICHARD A. RAGASA**, Davao City District Engineering Office, for the **modification** of the project under FY 2021 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310102100593000 Project ID: P00509849MN					
OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance – Secondary Roads			OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Preventive Maintenance – Secondary Roads		
Quezon Boulevard (MN) (S01457MN) Chainage 0 – Chainage 2005			Quezon Boulevard (MN) (S01457MN) Chainage 0 – Chainage 1848		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Preventive Maintenance of Road: Asphalt Overlay : 4.284 Lane Km	₱ 17,795,284.78/ Lane Km	₱ 76,235,000.00	CW1 – Preventive Maintenance of Road: Asphalt Overlay : 3.814 Lane Km	₱ 19,988,201.36/ Lane Km ₱ 39.8 m/k.	₱ 76,235,000.00
EAO	–	₱ 2,765,000.00	EAO	–	₱ 2,765,000.00
Total:		₱ 79,000,000.00	Total:		₱ 79,000,000.00

**Justification:**

- Decrease in physical target from 4.284 lane km to 3.814 lane km with modification in station limits due to the following:
- Higher unit cost since asphalt overlay (100 mm thick) includes “Anti-Rutting Additive” (ARA) to prevent the road surface from rutting since this section is located in a highly urbanized area especially that heavy and 10-wheeler cargo trucks are traversing this road. ARA is recommended to be used in asphalt overlay projects that will carry more than 2000 vehicles per day to improve the quality of asphalt per DO 11, s. of 2019;
  - Project design considers 2 lanes (1730 lm) and 3 lanes (118 lm) of asphalt overlay as per actual need with transitions on the edge;
  - Transition ramps for all 16 junctions along the road (5m length with widths varying from 3m to 15m) including 8 loading bays along the road section with total area of 855.543 sq.m. were also considered for asphalt overlay for homogeneity of the road surface and road safety purposes; and
  - Scope of work also includes adjusting of 8 manhole’s elevation to avoid uneven grade line and other miscellaneous structures such as installation of internally illuminated (solar) pavement levelled markers/stud flush type (omnidirectional, type GI05) and application of reflectorized thermoplastic pavement markings.

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

**EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations in Mindanao

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

2.3 KMBB/LCA/AVS/ERP

