



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



June 25, 2025


MEMORANDUM

TO : **Regional Director MATHIAS L. MALENAB**
DPWH – Region II
Regional Office II, Dalan na Pavvurulun, Regional Government Center,
Carig Sur, Tuguegarao City, Cagayan, Philippines

Transmitted herewith are the **APPROVED** requests for the **modification** of hereunder stated projects:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Primary Roads - Maharlika Highway - K0367 + 506 - K0367 + 871, K0368 + 594.4 - K0369 + 000, K0370 + 000 - K0370 + 105, K0371 + 574 - K0372 + 103.55 - - - **₱100,000,000.00**
2. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Primary Roads - Maharlika Highway (Cagayan Valley Rd) - K0541 + 000 - K0541 + 533, K0548 + 000 - K0548 + 920, K0549 + 050 - K0549 + 940, K0550 + 094 - K0550 + 605.50 - - - **₱147,985,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.


LORETA M. MALALUAN, CESO IV
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, XIII and NCR

2.3 LDAM/AVS/LMM/ERP



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



April 25, 2025

MEMORANDUM

FOR : **MANUEL M. BONOAN**
Secretary
This Department

This refers to the memorandum dated April 21, 2025, of **DPWH Region II Officer-in-Charge Regional Director MATHIAS L. MALENAB**, requesting for the **modification** of the project under FY 2025 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310101101614000 Project ID : P00919475LZ OO1: Ensure Safe and Reliable National Road System.- Asset Preservation - Preventive Maintenance - Primary Roads. Maharlika Highway - K0367 + 506.- K0367 + 871; K0368 + 534 .- K0369 + 000; K0370 + 000.- K0370 + 105; K0371 + 574.- K0372 + 417 .			OO1: Ensure Safe and Reliable National Road System.- Asset Preservation - Preventive Maintenance - Primary Roads. Maharlika Highway - K0367 + 506.- K0367 + 871, K0368 + 594.4 .- K0369 + 000, K0370 + 000.- K0370 + 105, K0371 + 574.- K0372 + 103.55 .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Preventive Maintenance of Road: Asphalt Overlay	₱13,560,989.32/ Lane Km.	₱96,500,000.00	CW1 - Preventive Maintenance of Road: Asphalt Overlay	₱16,903,135.40/ Lane Km.	₱96,500,000.00
7.116 Lane Km.			5.709 Lane Km.	₱33.8 M/Km	
EAO	-	₱3,500,000.00	EAO	-	₱3,500,000.00
Total ₱100,000,000.00			Total ₱100,000,000.00		

Justification:

- The decrease in the physical target / increase in the unit cost of CW1 – Asphalt Overlay with correction from 7.116 lane-km to 5.709 lane-km is due to:
 - The width of the carriageway to be overlaid was increased from 3.35m to 3.65m to achieve adjusted carriageway width of 3.50m per lane as per memorandum dated October 23,2023. (Typical Standard Plan for Maharlika Highway).
 - The project will utilize 100mm thk Asphalt Overlay (2-layer/50mm thick) for both the main carriageway and shoulder.
 - Overlying of paved shoulders with widths ranging from 2.25m to 3.30m on both sides.
 - The project includes reblocking of dilapidated concrete pavement.
 - Inclusion of 206 (1) Polymer Stabilized Subbase/Base/Surface Course 250mm thick as base stabilizer since polymers are used to strengthen the soil or improve the base/subbase, making

46-60-202504-01805

them relevant in new pavement proposals—especially since this is an N1 road, thus, requiring high load-bearing capacity.

- The project also includes miscellaneous structures such as warning signs, traffic instruction signs, and ReflectORIZED Thermoplastic pavement markings (yellow and white).
- The adjustment in the station limit was made to synchronize with the decrease in the physical target. (Please see attached Straight-Line Diagram)
- The derived unit cost is based on approved Detailed Unit Price Analysis (DUPA) and Program of Work (POW).

Attached are the following supporting documents: GIS Map of the Proposed Project Work Location, Certificate of Availability of Funds (CAF), BP Form 202, Certificate of Reasonableness of Cost Estimate, Certificate of "No Overlapping" and "Not Within Warranty Period", Geotagged Photographs, Approved Program of Works (POW) and Approved Detailed Engineering Design (DED).

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



LORETA M. MALALUAN, CESO IV
Assistant Secretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII, XIII, and NCR

RECOMMENDING APPROVAL:



EUGENIO R. PIHO, JR.
Undersecretary for Regional Operations
in CAR, Regions I, II, IX, X, XI, XII and XIII



MARIA CATALINA E. CABRAL, Ph.D., CESO I
Undersecretary for Planning and Public-
Private Partnership Services

APPROVED/~~DIS~~APPROVED:



MANUEL M. BONOAN
Secretary

Department of Public Works and Highways
Office of the Secretary



WIN5E03790