



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



BAGONG PILIPINAS	
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS RECORDS AND MANAGEMENT SECTION	
RECEIVED	
Reference No.	2496-15-220
Date/Time	19 AUG 2024
Received by	WJ

August 13, 2024

**MEMORANDUM**

**TO :** **Regional Director REYNALDO C. ALCONCEL**  
DPWH – Region II  
Regional Government Center, Carig Sur Tuguegarao City, Cagayan

**ATTENTION :** **District Engineer OSCAR G. GUMIRAN**  
Cagayan 1st District Engineering Office  
Aparri, Cagayan

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/Reconstruction/Upgrading Damaged Paved Roads - Tertiary Roads - Baybayog-Baggao-Dalin-Sta. Margarita Rd - K0519+331 - K0519+600.5, K0521+381 - K0521+795, K0522+466.5 – K0523+322, K0531+375 – K0531+470, K0533+130 - K0533+290.46, K0533+376.14 - K0533+538.62, K0541+(-195.5) - K0541+1001.5, K0546+000 - K0547+1012.5 - - - **₱106,093,000.00**

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.

**REY PETER B. GILLE, D.M.**  
Assistant Secretary for Regional Operations in  
CAR, Regions I, II, IX, X, XI, XII, and XIII and  
Officer-in-Charge, Office of the Regional Director DPWH-Region X

2.3 LDAM/AVS/RPBG/ERP





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



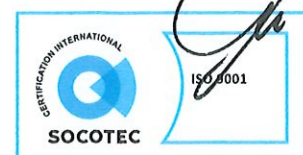
June 3, 2024

**MEMORANDUM**

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

This refers to the memorandum dated 23 May 2024 of **DPWH Region II Regional Director REYNALDO C. ALCONCEL**, endorsing the request of **District Engineer OSCAR G. GUMIRAN, Ph.D.**, Cagayan 1<sup>st</sup> District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

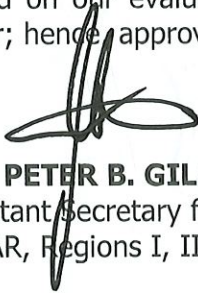
As per GAA/Original			As Modified		
<b>Project Description</b>					
<b>UACS No. 310106101031000</b> <b>Project ID: P00805732LZ</b>  OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation/Reconstruction/Upgrading Damaged Paved Roads – Tertiary Roads –  Baybayog-Baggao-Dalin-Sta. Margarita Rd – K0519+ <b>330-K0519+591</b> , K0521+ <b>518-K0521+803</b> , K0522+ <b>469-K0523+300</b> , <b>K0525+513-K0525+720</b> , K0533+ <b>222-K0533+308</b> , K0533+ <b>394-K0533+508</b> , K0541+ <b>123-K0542+000</b> , <b>K0545+950-K0548+000</b>			OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation/Reconstruction/Upgrading Damaged Paved Roads – Tertiary Roads –  Baybayog-Baggao-Dalin-Sta. Margarita Rd - K0519+ <b>331-K0519+600.5</b> , K0521+ <b>381-K0521+795</b> , K0522+ <b>466.5-K0523+322</b> , <b>K0531+375-K0531+470</b> , K0533+ <b>130-K0533+290.46</b> , K0533+ <b>376.14-K0533+538.62</b> , K0541+ <b>(-195.5)-K0541+1001.5</b> , <b>K0546+000-K0547+1012.5</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road <b>9.422 Lane km</b>	<b>₱10,866,031.097 / Lane km.</b>	<b>₱102,379,745.00</b>	CW1- Rehabilitation of Paved Road <b>7.386 Lane km</b>	<b>₱11,356,562.692 / Lane km.</b>	<b>₱83,879,572.04</b>
			CW2- Construction of Road Slope Protection Structure <b>1,816.735 sq.m</b>	<b>₱22.6 M/km.</b> <b>₱10,183.198 / Sq.m.</b>	<b>₱18,500,172.96</b>
EAO	-	₱ 3,713,255.00	EAO	-	₱ 3,713,255.00
<b>Total:</b>		<b>₱106,093,000.00</b>	<b>Total:</b>		<b>₱106,093,000.00</b>
<b>Justification:</b>					
<ul style="list-style-type: none"> <li>Increase in unit cost due to the following:               <ul style="list-style-type: none"> <li>Inclusion of drainage structures such as lined canal, catch basins and RCBC to cater water run-off and to avoid flooding in the vicinity.</li> <li>CW1 – Rehabilitation of Paved Road consists of massive earthworks specifically for the removal of actual structures/obstructions such as damaged PCCP, ACP and RCPC, excavation and embankment, which covers 11.563% of the allocation.</li> </ul> </li> </ul>					



- Consideration of 0.20 meters thickness for Item 200: Aggregate Subbase Course and inclusion of miscellaneous structure such as metal guardrails to address additional safety of road users.
- The decrease is physical target of CW1 – Rehabilitation of Paved Road is due to extraction of works under CW2 – Construction of Road Slope Protection Structure such as retaining wall and gabion. Inclusion of CW2 – Construction of Road Slope Protection Structure, which comprises 17.933% of the total allocation, entails the installation of gabion and construction of retaining wall with varying heights from 1.50 meters to 3.50 meters along stations K0519+331-K0519+600.5 and K0531+373.95-K0531+450.
- The change in station limits is due to the following:
  - Deletion of sinking road pavement at K0525+513 - K0525+730 hence, the prioritization of new station limits at K0531+375 - K0531+470 due to its bad condition based on actual field validation (See attached existence of recently Geotagged Photos and Straight Line Diagram/SLD)
  - Overlapping in station limits due to the existence of recently rehabilitated road, thus the change of the beginning station limits of the last section from K0545+950 TO K0546+000. The end station limits K0548+000 was also modified to K0547+1012.50 due to actual reckoning of kilometer post wherein the distance between K0547+000 to K0548+000 is more than one kilometer.
  - Synchronization in the change in actual length of the project's modified physical target.


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.



**REY PETER B. GILLE, D.M.**  
 Assistant Secretary for Regional Operations  
 in CAR, Regions I, II, IX, X, XI, XII and XIII

**RECOMMENDING APPROVAL:**



**EUGENIO R. PIPO, 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 / ~~DISAPPROVED~~:**



**MANUEL M. BONOAN**  
 Secretary