



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

March 27, 2023

**MEMORANDUM**

**FOR :** **EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII  
This Department

This refers to the memorandum dated 23 March 2023 of **DPWH Region IX Director CAYAMOMBAO D. DIA, CESO III**, favorably endorsing the request of **District Engineer INOCENCIO P. SABUGAL, Zamboanga del Sur 2nd District Engineering Office** for the **modification** of the project under FY 2023 GAA, to wit;

| As per GAA/Original                                                                                                                                                                                                                                                                                                     |                      |                 | As Modified                                                                                                                                                                                                                                                                                     |                      |                 |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-----------------|
| Project Description                                                                                                                                                                                                                                                                                                     |                      |                 |                                                                                                                                                                                                                                                                                                 |                      |                 |
| <b>UACS No. 310109101363000</b><br><b>Project ID: P00706397MN</b><br><br>OO1: Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads<br><br>Sindangan – Bayog – Lakewood Rd – K1744 + 110 – K1744 + 130 |                      |                 | <br>OO1: Ensure Safe and Reliable National Road System – <del>Asset Preservation – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads</del><br><br>Sindangan – Bayog – Lakewood Rd – K1744 + 110 – K1744 + 130, <b>K1746 + 930 – K1746 + 983</b> |                      |                 |
| Type of Work/<br>Physical Target                                                                                                                                                                                                                                                                                        | Unit Cost            | Allocation      | Type of Work/<br>Physical Target                                                                                                                                                                                                                                                                | Unit Cost            | Estimated Cost  |
| CW1 – Construction of Road Slope Protection Structure<br>3,000.00 sq.m                                                                                                                                                                                                                                                  | ₱ 9,800.00/<br>sq.m. | ₱ 29,400,000.00 | CW1 – Construction of Road Slope Protection Structure<br>3,000.00 sq.m.                                                                                                                                                                                                                         | ₱ 9,800.00/<br>sq.m. | ₱ 29,400,000.00 |
| EAO                                                                                                                                                                                                                                                                                                                     | –                    | ₱ 600,000.00    | EAO                                                                                                                                                                                                                                                                                             | –                    | ₱ 600,000.00    |
| Total:                                                                                                                                                                                                                                                                                                                  |                      | ₱ 30,000,000.00 | Total:                                                                                                                                                                                                                                                                                          |                      | ₱ 30,000,000.00 |

*Use of sheet pile*

**Justification:**

- Although the physical target and unit cost remain the same, the allotted fund is sufficient to cover additional section based on the approved Detailed Unit Price Analysis (DUPA) and Program of Works (POW). The height of the critical slope based on the General Appropriations Act is 150 meters with a length of 20 meters, differing from the actual site condition with 10 meters, yielding an area of 200 sq.m.
- The remainder of the allocation was utilized to include station **K1746 + 930 – K1746 + 983** with an average height of 26.42 meters and a length of 53 meters on both sides, that is also identified as a critical slope and is already suffering from severe damage due to natural phenomena. The section yielded an area of 2,800 sq.m., consequently maintaining the physical target of 3000 sq.m.
- The additional road section is necessary to address critical segments that urgently need slope protection to safeguard the roadway and also the adjacent residents from imminent danger.

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



**ADOR G. CANLAS**

Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

**RECOMMENDING APPROVAL:**

**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and Public-Private Partnership Services

**APPROVED/~~DISAPPROVED~~:**

**EUGENIO B. PIHO, JR.**

Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII



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| Project Description                                                                                                                                                                                                                                                                                       |                   |                 |                                                                                                                                                                                                                                                                                  |                   |                 |
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| Type of Work/<br>Physical Target                                                                                                                                                                                                                                                                          | Unit Cost         | Allocation      | Type of Work/<br>Physical Target                                                                                                                                                                                                                                                 | Unit Cost         | Estimated Cost  |
| CW1 – Construction of Road Slope Protection Structure 3,000.00 sq.m                                                                                                                                                                                                                                       | ₱ 9,800.00/ sq.m. | ₱ 29,400,000.00 | CW1 – Construction of Road Slope Protection Structure 3,000.00 sq.m.                                                                                                                                                                                                             | ₱ 9,800.00/ sq.m. | ₱ 29,400,000.00 |
| EAO                                                                                                                                                                                                                                                                                                       | –                 | ₱ 600,000.00    | EAO                                                                                                                                                                                                                                                                              | –                 | ₱ 600,000.00    |
| Total:                                                                                                                                                                                                                                                                                                    |                   | ₱ 30,000,000.00 | Total:                                                                                                                                                                                                                                                                           |                   | ₱ 30,000,000.00 |

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2.3 aap/AVS/AGC/ERP