

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

Reference Number: **XI-019**  
Project ID: **P00800094MN**

April 22, 2024

**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 18 April 2024 of **DPWH Region XI Assistant Director JOSELITO B. CABALLERO**, endorsing the request of **OIC District Engineer LILIBETH M. SARMIENTO, Davao City Sub-District Engineering Office**, for the approval of Modification of the hereunder project under FY 2024 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310203100887000 . Project ID: P00800094MN .  OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Tertiary Roads  Fatima-Malabog Rd - K1513 + 1014 - K1514 + 015, K1513 + 156 - K1513 + 356, K1513 + 391 - K1513 + 582, K1514 + 316 - K1514 + 444, K1514 + 845 - K1514 + 904 .			OO1: Ensure Safe and Reliable National Road System - Network Development - Road Widening - Tertiary Roads .  Fatima-Malabog Rd - <b>K1513 + 480</b> - K1513 + 582, <b>K1513 + 961</b> - K1514 + 015, K1514 + 316 - K1514 + 444, K1514 + 845 - K1514 + 904 .		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Road Widening / 1.272 lane-km .	P 28,074,843.00/ lane-km .	P 35,711,200.00 .	CW1- Road Widening / <b>0.502</b> lane-km .	P 25,651,790.00/ lane-km .	P 12,877,200.00 .
			CW2- Construction of Slope Protection Structure / 1,170.07 square meters	<del>P 57.2 M/L</del> P 19,515.07/ square meters	P 22,834,000.00 .
EAO	-	P 728,800.00 .	EAO	-	P 728,800.00 .
Total:		P 36,440,000.00 .	Total:		P 36,440,000.00 .
Justification: Modification in station limits from "K1513 + 1014 - K1514 + 015, K1513 + 156 - K1513 + 356, K1513 + 391 - K1513 + 582, K1514 + 316 - K1514 + 444, K1514 + 845 - K1514 + 904" to "K1513 + 480 - K1513 + 582, K1513 + 961 - K1514 + 015, K1514 + 316 - K1514 + 444, K1514 + 845 - K1514 + 904" due to the following: <ul style="list-style-type: none"><li>Original limits cannot be covered due to substantial cost needed for road slope protection (CW2). Widening of road will be rendered useless without the slope protection;</li><li>The first section of the original limits was extended to K1513 + 961 from K1513 + 1014 (decreasing) to include adjacent section that also needs widening with slope protection; and</li><li>The excluded limits (K1513 + 391 - K1513 + 480) for the 3rd section and omitted 2nd section (K1513 + 156 - K1513 + 356) were already included under another 2024 widening project as modified (P00800095MN).</li></ul>					

*(Signature)*

Website: <https://www.dpwh.gov.ph>  
Tel. No(s).: 5304-3000 / (02) 165-02



AG-00-11-001-1081



Decrease in physical target/decrease in component cost for CW-1 – Road Widening from 1.272 lane km to 0.502 lane km due to the following:

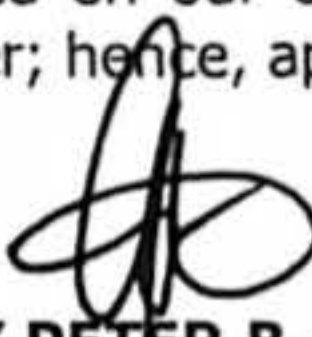
- Inorder to include and prioritize the construction of slope protection structure (CW-2) to ensure stability since the road widening alignment has steep slopes, hence, lower component cost, correspondingly, decrease in physical target;
- Slope protection was separated as a different component (originally incorporated in CW1) since its amount exceeds more than 10% of the project cost, hence, lesser unit cost for road widening;
- Project design requires 0.28m thick PCCP with 14-day concrete curing for road widening (2-3 into 4 lanes) including varying width of 1m to 2.01m for pavement concrete shoulder 0.20m thick PCCP; and
- Project also includes installation of rectangular concrete lined canal without cover (96 l.m.), removal of structures and obstructions, removal and installation of metal guardrails (384 ln.m.), and application of thermoplastic pavement markings (white and yellow).

Additional type of work CW-2 - Construction of Road Slope Protection Structure with substantial cost due to the following:

- The road project requires substantial amount of construction of slope protection structure, hence, a separate component. Project design requires construction of rubble concrete (139.97 cu. m.) and Mechanically Stabilized Earth (MSE) Retaining Walls to support the weight on steeper slope; and
- Project also involves geotextile (6,232 sq.m.) and separation geotextile (1,530.98 sq.m.) for the construction of MSE wall and massive earthwork for embankment (from borrow) and drain pipe for waterway with a total volume of 1,799.6 cu.m.

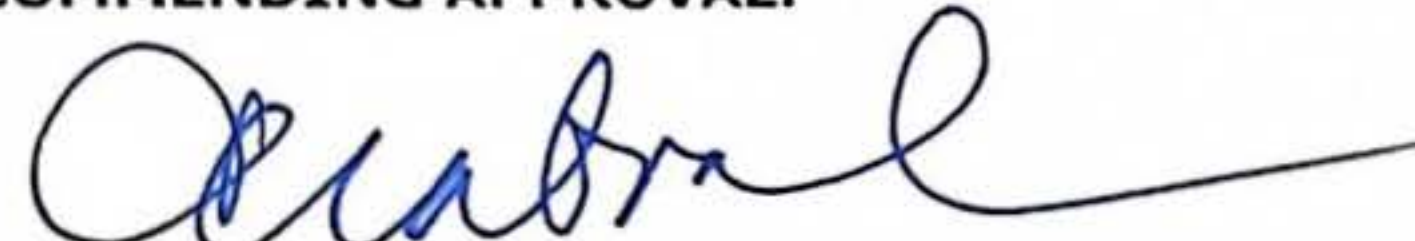
Attached also are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Approved Detailed Engineering Design (DED), Certificate of Reasonableness of Unit Cost, Certificate of Availability of Funds (CAF), Geotagged Photos, GIS Map, and Annual Infrastructure Program (AIP) based on GAA.

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:**

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

Undersecretary for Planning and Public-Private Partnership Services

**APPROVED / ~~DISAPPROVED~~**

  
**EUGENIO R. PIPO, JR.**

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

2.3 mksa/AVS/RPBG/ERP