



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

April 12, 2023

**MEMORANDUM**

**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-Cordillera Administrative Region (CAR)  
Engineer's Hill, Baguio City

**ATTENTION :** **ISAGANI C. CAYME**  
District Engineer  
Benguet 1<sup>st</sup> District Engineering Office  
La Trinidad, Benguet

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

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - *Marcos Hi-way - K0269+895 - K0269+930*  
----- **P9,230,000.00.**

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.

  
**EUGENIO R. RIPO, JR.**

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

2.3 aap/AVS/AGC/ERP



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

CAR-013

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00713130LZ

Marcos Hi-way - K0269 + 930 - K0269 + 980

Appropriation: 9,230,000

Implementing Office: Benguet 1st District Engineering Office

Date: 03/24/2023

**A. TYPE OF REQUEST**

**A.1** ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

**A.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☒ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets

A.2.5.2 ☐ Change in Scope of Work from \_\_\_\_\_  
to \_\_\_\_\_

A.2.5.3 ☐ Change in Component Amount

A.2.5.4 ☐ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components



By: \_\_\_\_\_ Time: \_\_\_\_\_  
Control No.: 28 - 05757  
IDTS No.: 05583

**B. EVALUATION**

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2023 GAA, R.A. 11936**

C.1 ☐ for issuance of SARO (☐Released ☐Unreleased)

C.2 ☒ released thru GAAAO

Amount: 9,230,000

**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost  
31.67 % increase in unit cost  
24.05 % decrease in physical target  
\_\_\_\_\_ % increase in physical target

D.2 ☒ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks:

**E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA**

E.1 ☐ Undersecretary for Operations

E.2 ☒ Secretary

Evaluated By:

ALEAZ BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

Project ID: P00713130LZ

FOR: USEC FOR OPERATIONS

☐ RRB

☒ ERP

☐ EKS

Date:

REMARKS:

☒ Reviewed by Planning Service

☐ Recommended for Approval

☐ Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.  
Undersecretary for Planning and PPP Services



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

March 22, 2023

**MEMORANDUM**

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

This refers to the memorandum dated 14 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer ISAGANI C. CAYME, Benguet First District Engineering Office**, for the **modification** of the project under FY 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310108101474000</b> <b>Project ID: P00713130LZ</b>					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads		
Marcos Hi-way - K0269+930 - K0269+980			Marcos Hi-way - K0269+ <b>895</b> - K0269+ <b>930</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 600.13 sq.m.	₱ 15,072.40/ sq.m.	₱ 9,045,400.00	CW1- Construction of Road Slope Protection Structure / <b>455.80</b> sq.m.	₱ <b>19,845.11</b> / sq.m.	₱ 9,045,400.00
EAO	–	₱ 184,600.00	EAO	–	₱ 184,600.00
<b>Total:</b>		<b>₱ 9,230,000.00</b>	<b>Total:</b>		<b>₱ 9,230,000.00</b>
<b>Justification:</b> The project is to be modified in view of the following:					
<div><ul style="list-style-type: none"><li>The corrected station limits were determined from validated measurement of the actual extent of the section requiring slope protection reckoned from the kilometer post K0269.</li><li>The 31.67% increase in unit cost is due to the change in design of proposed structure from that indicated in the original Road Slope Management (RSM) Annexes 2 and 5, i.e., cribwall, to the new programmed structure which is a combination of a double cribwall and another layer of stone masonry embankment protection. The double cribwall entailed more cost since it involved more quantities on concrete, reinforcing steel bars, and stone masonry per square meter of the structure. It resulted to the decreased in physical target.</li></ul></div> <div><i>Up Cert. of Cost Reasonableness</i></div>					
Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.					



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



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

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



**MANUEL M. BONOAN**  
Secretary

2.3 aap/MLS/AVS/AGC/ERP

Department of Public Works and Highways  
Office of the Secretary



WIN3E02721



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
Engineer's Hill, Baguio City

March 14, 2023

**MEMORANDUM**

**FOR : MANUEL M. BONOAN**  
Secretary

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

**SUBJECT : Request for Modification of the Project: Organizational Outcome 1:  
Ensure Safe and Reliable National Road System: Asset Preservation  
Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope  
Collapse, and Landslide - Secondary Roads - Marcos Hi-way -  
K0269+930 - K0269+980**

We are respectfully forwarding the Memorandum dated March 13, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Nine Million Two Hundred Thirty Thousand Pesos (Php 9,230,000.00)** as indicated below:

	FROM	TO
Project ID	P00713130LZ	
Project Title	Marcos Hi-way - <b>K0269+930 - K0269+980</b>	Marcos Hi-way - <b>K0269+895 - K0269+930</b>
Type of Work	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure
Physical Target	<b>600.130</b> Square Meters	<b>455.800</b> Square Meters
Allocation	Php 9,230,000	Php 9,230,000

The supporting documents based on D.O No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

  
**KHADAFF D. TANGGOL**  
Regional Director

CAR.1 DLBC/EFD/JWC/ABM



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**BENGUET FIRST**  
**DISTRICT ENGINEERING OFFICE**  
CORDILLERA ADMINISTRATIVE REGION  
Wangal, La Trinidad, Benguet

MAR 13 2023

**MEMORANDUM**

**FOR** : **KHADAFFY D. TANGGOL**  
Regional Director

**ATTENTION** : **ANGELITA B. MABITAZAN**  
Chief, Planning and Design Division

**SUBJECT** : **Request for Modification of the CY 2023 Project:**  
**Marcos Hi-way - K0269+930 - K0269+980**

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Asset Preservation Program - Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads. The proposed changes are as follows:

Particulars	FROM	TO
Project Description	Marcos Hi-way – K0269+ <b>930</b> - K0269+ <b>980</b>	Marcos Hi-way – K0269+ <b>895</b> - K0269+ <b>930</b>
Physical Target	<b>600.13</b> Square Meters	<b>455.80</b> Square Meters
Unit Cost (excluding EAO)	<b>P15,072.40/</b> Square Meter	<b>P19,845.11/</b> Square Meter

Attached are the supporting documents based on D.O. No. 13, Series of 2023, "Guidelines on Modification Under the General Appropriations Act (GAA)" and Memorandum of Undersecretary Maria Catalina E. Cabral, Ph.D., CESO I dated February 20, 2023 with the same subject.

For your perusal.

  
**ISAGANI C. CAYME, CESE**  
CIC District Engineer

CAR.16.1 HGUD/LBP/EGE



## Modification Request Form

### A. GENERAL

**1. REGION**

Cordillera Administrative Region (CAR)

**2. DEO**

Benguet 1st District Engineering Office

**3. LEGISLATIVE DISTRICT**

Benguet (Lone) District

### B. ORIGINAL PROJECT

### C. PROPOSED REVISED PROJECT

**4. UACS** (Unified Account Code Structure as defined in GAA)

310108101474000

**5. Project Id**

P00713130LZ

**6. Project Category**

001: Ensure Safe and Reliable National Road System

**7. Sub-Program (P/A/P)**

Asset Preservation Program – Rehabilitation/Reconstruction of Roads with Slips, Slope Collapse, and Landslide – Secondary Roads

**8. Operating Unit**

Benguet 1st District Engineering Office

**18. Operating Unit** (Change subject to DBM approval)

Benguet 1st District Engineering Office

**9. Type of Work** (Enter Details for all Components below)

**Component ID**
**Type of Work**

P00713130LZ-CW1

Construction of Road Slope Protection Structure

**19. Type of Work** (Enter Details for all Components below)

**Component ID**
**Type of Work**

P00713130LZ-CW1

Construction of Road Slope Protection Structure

P00713130LZ-EAO

P00713130LZ-EAO

**10. PROJECT DESCRIPTION** (as recorded in GAA)

Marcos Hi-way – K0269+930 – K0269+980

**20. PROJECT DESCRIPTION** (of the revised project)

 Marcos Hi-way – K0269+~~930~~<sup>895</sup> – K0269+930

**11. ALLOTMENT (P'000)** (as recorded in GAA)

9,230

**21. REVISED ESTIMATED COST (P'000)** (Equal to, or lower than GAA allotment)

9,230

**22. CAF** (To be obtained from Financial Management office)

☒ YES

**12. PHYSICAL TARGET** (Enter Details for all Components below)

**Component ID**
**Target**
**Target Unit**

P00713130LZ-CW1

600.130

Square Meters (m2)

**23. PHYSICAL TARGET** (Enter Details for all Components below)

**Component ID**
**Target**
**Target Unit**

P00713130LZ-CW1

455.800

Square Meters (m2)

P00713130LZ-EAO

P00713130LZ-EAO

**13. UNIT COST** (Enter Details for all Components below)

**Component ID**
**Component Cost (P'000)**
**Target Unit Cost (P'000/Target Unit)**

P00713130LZ-CW1

9,045.40

15.072

**24. UNIT COST** (Enter Details for all Components below)

**Component ID**
**Component Cost (P'000)**
**Target Unit Cost (P'000/Target Unit)**

P00713130LZ-CW1

9,045.40

19.845

P00713130LZ-EAO

184.60

P00713130LZ-EAO

184.60

**14. PROJECT WORK LOCATION** (Must be defined in strict accordance with DO 65 Series 2014)

 Construction of Road Slope Protection Structure – Marcos Hi-way  
K0269+930 – K0269+980 (S00395LZ)

Start X

End X

Start Y

End Y

**25. PROJECT WORK LOCATION** (Must be defined in strict accordance with DO 65 Series 2014. **Also complete "ANNEX A" for National Road projects under OO-1**)

 Construction of Road Slope Protection Structure – Marcos Hi-way  
K0269+~~930~~<sup>895</sup> – K0269+930 (S00395LZ)

Start X

End X

Start Y

End Y

**15. ROAD CLASSIFICATION** (if applicable)

Secondary

**26. ROAD CLASSIFICATION** (if applicable)

Secondary

## Modification Request Form

<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Benguet 1st District Engineering Office		<b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project) Benguet 1st District Engineering Office	
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>		<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>	
<b>Planned Start Date</b> 05/15/2023	<b>Planned End Date</b> 10/11/2023	<b>Planned Start Date</b> 05/15/2023	<b>Planned End Date</b> 10/11/2023
		<b>29. OVERLAP?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	<b>30. UNDER WARRANTY?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES

### D. ATTACHMENTS & JUSTIFICATIONS

**31. PROJECT IMPACT ANALYSIS ATTACHED?** (For Flood Control Projects)

☐ NO     
 ☐ YES     
 ☒ N/A

**32. TECHNICAL JUSTIFICATION** (Explain in detail in Bullet point format; minimum of 2 points)

- The corrected station limits were determined from validated measurement of the actual extent of the section requiring slope protection reckoned from the kilometer post K0269.
- The 31.67% increase in unit cost is due to the change in design of proposed structure from that indicated in the original Road Slope Management (RSM) Annexes 2 and 5, i.e., cribwall, to the new programmed structure which is a combination of a double cribwall and another layer of stone masonry embankment protection. The double cribwall entailed more cost since it involved more quantities on concrete, reinforcing steel bars, and stone masonry per square meter of the structure. It resulted to the decreased in physical target.

Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED) Plans, Certificate of Availability of Funds (CAF), BP 202, Geotagged photographs, GIS Map, RSM Forms for the new structure, Certificates of No Overlapping, ROW Clearance, Environmental Clearance, and Certificate of Reasonableness of Cost Estimate.

**33. PHOTOS SUBMITTED**

☐ NO     
 ☒ YES

**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO     
 ☒ YES



## Modification Request Form

### 35. PREPARED BY:

Name:

HARVEY GABENIT U. DELLA

Position:

Engineer II

Office:

Benguet 1st DEO

Date:

MAR 09 2023

### 36. REVIEWED BY DISTRICT OFFICE (If Required)

### 38. REVIEWED BY REGIONAL OFFICE

Name:

LOIDA B. PASCUA

Name:

ANGELITA B. MABITAZAN

Position:

Chief of Planning and Design Section

Position:

Chief of Planning and Design Division

Date:

MAR 10 2023

Date:

### 37. RECOMMENDED BY DISTRICT OFFICE (If Required)

### 39. RECOMMENDED BY REGIONAL OFFICE

Name:

ISAGANI C. CAYME, CESE

Name:

KHADAFY D. TANGGOL

Position:

OIC-District Engineer

Position:

Regional Director

Date:

MAR 13 2023

Date:

## Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310108101474000

Project Id


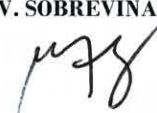
P00713130LZ

### 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

Primary Reason for Request (based on Category of Modification): (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input type="checkbox"/> Change in Station Limits <input checked="" type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations

Name:	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
Signature		
Position:	Project Manager I	Project Manager II
Date:	3/22/23	3/22/23

### 41. DPWH PLANNING SERVICE

Category of Modification (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with DBM Categories
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Reviewed by Planning Service

Name:	ANNA ANDREA M. NOCHE	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	Chief of Programming Division
Date:	3/24/23	Date:	

### ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
P00713130LZ-CW1	S00395LZ	K0269+895	K0269+930	10535	10570	35	Construction of Road Slope Protection Structure	Double Cribwall, Stone Masonry Wall (R/S)	Square Meter	455.800