



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



May 6, 2024

MEMORANDUM

TO : **Regional Director KHADAFFY D. TANGGOL**
DPWH – Region CAR
Engineer's Hill, Baguio City

ATTENTION : **OIC-District Engineer REX K. OYA-OY**
Benguet 2nd District Engineering Office
Buguias, Benguet

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

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Abatan-Mankayan-Cervantes Rd - K0341+940 - K0341+965, K0346+620 - K0346+722 - - - **P5,590,000.00**
2. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary Roads - Cong. Andres Acop Cosalan Rd - K0348+950 - K0350+250, K0353+900 - K0354+150, K0360+250 - K0360+500, K0361+470 - K0361+520, K0362+350 - K0362+500 - - - **P16,262,000.00**
3. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Cong. Andres Acop Cosalan Rd - K0348+510 - K0348+535, K0364+030 - K0364+065 - - - **P5,350,000.00**

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

2.3 LDAM/AVS/RPBG/ERP

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



Project Modification of Allotment under the GAA Request Evaluation Form

Date of Evaluation:

04/18/2024

P/A/P 1 (001, 002, CSSP, LP):	Appropriation Source:	FY 2024 GAA
ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System	UACS:	310109101532000
P/A/P 2 (Program):	Project ID:	P00802674LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads	Appropriation (Php):	5,590,000

Name of Project per GAA:

Abatan-Mankayan-Cervantes Rd - K0346 + 620 - K0346 + 722, K0347 + 375 - K0347 + 400

Implementing Office
A Justification for Modification:

- The change in station limits and the removal of CW2 -Rehabilitation / Major Repair of Slope Protection Structure was deemed essential since the road slip at K0347+35 -K0347+400 was already mitigated by the Maintenance Section of this Office, thus, the amount allocated for this section was transferred to identified critical section within the road line.
- During the onslaught of previous typhoons, the existing slope protection structure at K0341+940 -K0341+965 completely collapsed / caved in, thus, the need to construct a new slope protection structure to prevent further damage or aggravation.
- The slight increase in the unit cost for CW1 is due to the need to reconstruct the damaged and partially collapsed PCCP at K0341 +940 -K0341 +965 and to also incorporate shoulders and concrete barriers.

A.1



Certificate of Reasonableness of Cost Estimate

approved by: RD Khadaffy D. Tanggol dated: March 20, 2024**B. PER PLANNING SERVICE EVALUATION**

B.1

**PROJECT MODIFICATION ON PROJECT DESCRIPTION**

B.1.1

Typographical Error/s

B.1.2

Change in Location (for non-existent locations only)

B.1.3

Change in Station Limits

B.1.4

Addition/ Deletion of Word/s

B.2

**PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**

B.2.1

Change in Targets

B.2.2

Change in Scope of Work

B.2.3

Change in Component Amount

B.2.3.1

Addition of Component (including excess amount)

B.2.3.2

Deletion of Component

B.2.3.3

Movement of Funds between Components

C. RESULTANT AFTER MODIFICATIONC.1 ☐ Additional Project Component/s

C.2 Component/s:

COMP	SCOPE OF WORK		TARGET		INCREASE/ DECREASE (%)	
	FROM	TO	FROM	TO	Unit Cost	Target
CW1	Construction of Road Slope Protection Structure	Construction of Road Slope Protection Structure	408.180 sq. meters	502.0 sq. meters	1.23%	22.98%
CW2	Rehabilitation / Major Repair of Road Slope Protection	-	100.0 sq. meters	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATED

D.1



ALLOWED as per the GAA Provisions

D.2



NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- CW1 targets and unit cost increased simultaneously due to the deletion of non-major component (CW2)
- Change in station Limits - With Straight-Line Diagram

Evaluated By:

ALEK G. BOTE
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III
Assistant Secretary, Planning Service**E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA**

E.1



Secretary

E.2



Undersecretary for Operations



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
CENTRAL OFFICE
Manila



April 2, 2024

MEMORANDUM

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

This refers to the memorandum dated April 1, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **OIC-District Engineer REX K. OYA-OY, Benguet Second District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

2024 GAA, to wit,

As per GAA/Original			As Modified		
Project Description					
UACS No.: 310109101532000 Project ID: P00802674LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Abatan-Mankayan-Cervantes Rd - K0341+940 - K0341+965 , K0346+620 - K0346+722		
Type of Work / Physical Target	Unit Cost	Allocation	Type of Work / Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Road Slope Protection Structure / 408.18 Square meters	₱ 10,780.05 / Square meters	₱ 4,400,200.00	CW1- Construction of Road Slope Protection Structure / 502 Square meters	₱ 10,912.75 / Square meters	₱ 5,478,200.00
CW2 - Rehabilitation / Major Repair of Road Slope Protection Structure / 100 Square meters	₱ 10,780.00 / Square meters	₱ 1,078,000.00			
EAO	-	₱ 111,800.00	EAO	-	₱ 111,800.00
Total:		₱ 5,590,000.00	Total:		5,590,000.00
Justification: Change in station limits and increase in physical target for CW1 – Construction of Road Slope Protection Structures from 408.18 square meters to 502 square meters and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure are due to the following: <ul style="list-style-type: none">The change in station limits and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure was deemed essential since the road slip at K0347+35 – K0347+400 was already					

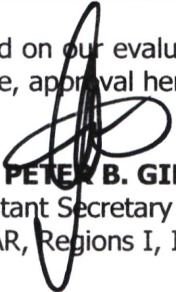
A6-CO-202404-00846

mitigated by the Maintenance Section of this Office, thus, the amount allocated for this section was transferred to identified critical section within the road line.

- During the onslaught of previous typhoons, the existing slope protection structure at K0341+940 – K0341+965 completely collapsed / caved in, thus, the need to construct a new slope protection structure to prevent further damage or aggravation.
- The slight increase in the unit cost for CW1 is due to the need to reconstruct the damaged and partially collapsed PCCP at K0341+940 – K0341+965 and to also incorporate shoulders and concrete barriers.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).
- See attached Certificate of Reasonableness of Estimates approved by the Regional Director.

Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

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:

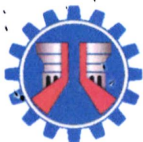

MARIA CATALINA E. CABRAL, Ph.D., CESO I

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



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



April 1, 2024

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 - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400

We are respectfully forwarding the Memorandum dated March 22, 2024 from OIC - District Engineer Rex K. Oya-oy, Benguet 2nd District Engineering Office, regarding the modification of the above project in the amount of **Five Million Five Hundred Ninety Thousand Pesos (Php 5,590,000.00)** as indicated below:

	FROM	TO
Project ID	P00802674LZ	
Project Title	Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400	Abatan-Mankayan-Cervantes Rd - K0341+940 - K0341+965 , K0346+620 - K0346+722
Type of Work	CW1 - Construction of Road Slope Protection Structure CW2 - Rehabilitation / Major Repair of Road Slope Protection Structure	CW1 - Construction of Road Slope Protection Structure
Physical Target	CW1 – 408.18 Square Meters CW2 – 100 Square Meters	CW1 – 502 Square Meters

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

For the consideration of the Secretary.


KHADAFFY D. TANGGOL
Regional Director

CAR.1 DLBC/EFD/JWC/ABM



March 22, 2024

MEMORANDUM

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

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

SUBJECT : **Submission of Requirements for FY 2024 Modification of the project, Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Tertiary Roads along Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400**

Respectfully submitting the requirements for the modification of the FY 2024 project: "Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads along Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400" for your endorsement.

K0347+375 - K0347+400 for your consideration.

FROM			TO		
Project Description					
UACS No. : 3101091015320000 Project ID : P00802674LZ Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400			Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads Abatan-Mankayan-Cervantes Rd - K0341+940 - K0341+965 , K0346+620 - K0346+722		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Road Slope Protection Structure 408.18 sq.m	₱ 10,780.05	₱ 4,400,200.00	CW-1: Construction of Road Slope Protection Structure 502 sq.m	₱ 10,912.75	₱ 5,48,200.00
CW-2: Rehabilitation / Major Repair of Road Slope Protection Structure 100 sq.m.	₱ 10,780.00	₱ 1,078,000.00			
EAO (2%)		₱ 111,800.00	EAO (2%)		₱ 111,800.00
TOTAL		₱ 5,590,000.00	TOTAL		₱ 5,590,000.00

For your review.

REX K. OYA-OY
OIC – District Engineer

CAR.17.1/VBC/LDR/EPM

Tables for Modification Request Form

A. GENERAL

1. REGION Cordillera Administrative Region	2. DEO Benguet Second District Engineering Office	3. LEGISLATIVE DISTRICT BENGUET (LONE DISTRICT)
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B. ORIGINAL PROJECT

4. UACS (Unified Account Code Structure as defined in GAA)
310109101532000 ✓

5. Project Id
P00802674LZ ✓

6. Project Category
OO1: Ensure Safe and Reliable National Road System ✓

7. Sub-Program (P/A/P)
Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads ✓

8. Operating Unit
Benguet Second District Engineering Office ✓

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure ✓
CW2	Rehabilitation / Major Repair of Road Slope Protection Structure ✓

10. PROJECT DESCRIPTION (as recorded in GAA)
Abatan-Mankayan-Cervantes Rd - K0346+620 - K0346+722, K0347+375 - K0347+400

11. ALLOTMENT (P'000) (as recorded in GAA)
5,590 ✓

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

Component ID	Target	Target Unit
CW1	408.18 ✓	Square Meters (m2)
CW2	100 ✓	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	4,400.200 ✓	10.78005 ✓
CW2	1,078.000 ✓	10.78000
EAO	111.8 ✓	

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

Start X	End X
Start Y	End Y

15. ROAD CLASSIFICATION (if applicable)

C. PROPOSED REVISED PROJECT

18. Operating Unit (Change subject to DBM approval)
Benguet Second District Engineering Office ✓

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

Component ID	Type of Work
CW1	Construction of Road Slope Protection Structure

20. PROJECT DESCRIPTION (of the revised project)
Abatan-Mankayan-Cervantes Rd - **K0341+940 - K0341+965**, K0346+620 - K0346+722

21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)
5,590

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

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

Component ID	Target	Target Unit
CW1	502 ✓	Square Meters (m2)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	5,478.2 ✓	10.91275 ✓
EAO	111.8	

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**)

Start X	End X
Start Y	End Y

26. ROAD CLASSIFICATION (if applicable)

Tables for Modification Request Form

Tertiary Road		Tertiary Road	
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) Benguet Second District Engineering Office		27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project) Benguet Second District Engineering Office	
17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date	Planned End Date	Planned Start Date	Planned End Date
04/22/2024	07/31/2024	04/22/2024	07/31/2024
		29. OVERLAP? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES	30. UNDER WARRANTY? <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES
D. ATTACHMENTS & JUSTIFICATIONS			
31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects) <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A			
32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points) <p><i>Change in station limits and increase in physical target for CW1 – Construction of Road Slope Protection Structures from 408.18 square meters to 502 square meters and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure are due to the following:</i></p> <ul style="list-style-type: none"> <i>The change in station limits and the removal of CW2 – Rehabilitation / Major Repair of Road Slope Protection Structure was deemed essential since the road slip at K0347+35 – K0347+400 was already mitigated by the Maintenance Section of this Office, thus, the amount allocated for this section was transferred to identified critical section within the road line.</i> <i>During the onslaught of previous typhoons, the existing slope protection structure at K0341+940 – K0341+965 completely collapsed / caved in, thus, the need to construct a new slope protection structure to prevent further damage or aggravation.</i> <i>The slight increase in the unit cost for CW1 is due to the need to reconstruct the damaged and partially collapsed PCCP at K0341+940 – K0341+965 and to also incorporate shoulders and concrete barriers.</i> <i>The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).</i> <i>See attached Certificate of Reasonableness of Estimates approved by the Regional Director.</i> <p><i>Attached are the following supporting documents: RSM Annexes, Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.</i></p>			
33. PHOTOS SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			
34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES			

Tables for Modification Request Form

35. PREPARED BY:

Name:


VANESSA B. CHAN

Position: Engineer II

Office:

Benguet 2nd District Engineering Office

Date:

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:


LAWRENCE D. ROMERO

Position:

OIC - Chief, Planning and Design Section

Date:

38. REVIEWED BY REGIONAL OFFICE

Name:


ANGELITA B. MABITAZAN

Position:

Chief, Planning and Design Division

Date:

37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:


REX K. OYA-OY

Position:

OIC - District Engineer

Date:

39. RECOMMENDED BY REGIONAL OFFICE

Name:


KHADAFFY D. TANGGOL

Position:

Regional Director

Date:

Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310109101532000

Project Id


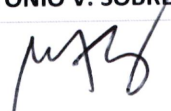
P00802674LZ

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 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. SOBREVÍÑAS, JR.
Signature		
Position:	Project Manager I	Project Manager III
Date:	4/4/24	4/2/24

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:	OIC - Chief of Programming Division
Date:	04-18-24	Date:	

ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit	End Limit	Start	End	Length	Type of Work	Detail Scope of Work	Target Unit	Physical Target
		LRP + Disp	LRP + Disp	Chainage	Chainage	(m)				
CW-1	S00378LZ	K0341+940	K0341+965	8833	8858	25	Construction of Road Slope Protection Structure	Construction of Cribwall (R/S) with parapet, reconstruction of damaged PCCP, and shoulders	Square meters	250
CW-1	S00378LZ	K0346+620	K0346+722	13503	13605	102	Construction of Road Slope Protection Structure	Construction of Grouted Riprap (R/S), and Stone Masonry (L/S) with parapet, reconstruction of damaged PCCP, and shoulders	Square meters	252