



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



May 6, 2024

MEMORANDUM

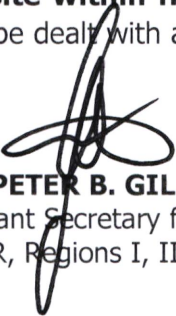
TO : **Regional Director KHADAFFY D. TANGGOL**
DPWH – Region CAR
Engineer's Hill, Baguio City

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:	310111100656000
P/A/P 2 (Program):	Project ID:	P00800557LZ
Asset Preservation Program	Region:	Cordillera Administrative Region
P/A/P 3 (Sub-Program):	Implementing Office:	Benguet 2nd District Engineering Office
Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary Roads	Appropriation (Php):	16,262,000

Name of Project per GAA:

Cong. Andres Acop Cosalan Rd - K0348 + 950 - K0350 + 250, K0353 + 900 - K0354 + 150, K0360 + 350 - K0360 + 500, K0361 + 250 - K0361 + 300, K0362 + 350 - K0362 + 500

Implementing Office
A Justification for Modification:

- The increase in the physical target/ decrease in unit cost is due to the need to include the construction of Reinforced Concrete Box Culvert at identified sections prone to flood. Furthermore, there is a need to construct flume in order to mitigate the water from overflowing to the adjacent vegetable gardens and help direct the surface water to the main river.
- Stations were modified and extended in order to include the adjacent sections that was observed to be particularly ponded during monsoon season

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/sB.1.3 ☒ Change in Station LimitsB.1.2 ☐ Change in Location (for non-existent locations only)B.1.4 ☐ Addition/ Deletion of Word/s**B.2 ☒ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS**B.2.1 ☒ Change in TargetsB.2.3 ☐ Change in Component AmountB.2.2 ☐ Change in Scope of WorkB.2.3.1 ☐ Addition of Component (including excess amount)B.2.3.2 ☐ Deletion of ComponentB.2.3.3 ☐ Movement of Funds between Components**C. RESULTANT AFTER MODIFICATION**C.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 Drainage Structure along Road	Construction of Drainage Structure along Road	1,878.0 lm	1,905.0 lm	-1.42%	1.44%
CW2	-	-	-	-	-	-
CW3	-	-	-	-	-	-
CW4	-	-	-	-	-	-

D. AS EVALUATEDD.1 ☒ ALLOWED as per the GAA ProvisionsD.2 ☐ NOT ALLOWED as per the GAA Provisions

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

- Minimal decrease in unit cost and increase in targets
- Change in Station Limits with Straight-Line Diagram

Evaluated By:

ALEX 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 GAAE.1 ☐ SecretaryE.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 2, 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;

As per GAA/Original			As Modified		
Project Description					
UACS No.: 310111100656000 Project ID: P00800557LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary Roads			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+350 - K0360+500, K0361+250 - K0361+300, K0362+350 - K0362+500			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		
Type of Work / Physical Target	Unit Cost	Allocation	Type of Work / Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Drainage Structure along Road / 1,878 Lineal meters	₱ 8,486.03 / Lineal meters	₱ 15,936,760.00	CW1- Construction of Drainage Structure along Road / 1,905 Lineal meters	₱ 8,365.75 / Lineal meters	₱ 15,936,760.00
EAO	—	₱ 325,240.00	EAO	—	₱ 325,240.00
Total:		₱ 16,262,000.00	Total:		16,262,000.00

Justification:

The change in station limits and the increase in physical target for CW1 – Construction of Drainage Structure along Road from 1,878 square meters to 1,905 square meters are due to the following:

- The increase in the physical target / decrease in unit cost is due to the need to include the construction of Reinforced Concrete Box Culvert at identified sections prone to flood. Furthermore, there is a need to construct flume in order to mitigate the water from overflowing to the adjacent vegetable gardens and help direct the surface water to the main river.
- Stations from K0360 + 250 to K0360 + 500, and from K0361 + 470 to K0361 + 520 were modified and extended in order to include the adjacent sections that was observed to be particularly ponded during monsoon season.

A6-CO-202404-00854

- 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.

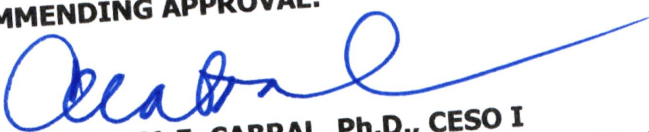
Attached are the following supporting documents: Approved Program of Works (POW), Detailed Engineering Design (DED), Certificate of Availability of Funds, BP202, Geotagged Photos, GIS Map, and Certificate of Reasonableness of Unit Cost.

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 - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary Roads - Cong. Andres Acop Cosalan Rd - K0348 + 950 - K0350 + 250, K0353 + 900 - K0354 + 150, K0360 + 350 - K0360 + 500, K0361 + 250 - K0361 + 300, K0362 + 350 - K0362 + 500

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 **Sixteen Million Two Hundred Sixty-Two Thousand Pesos (Php 16,262,000.00)** as indicated below:

	FROM	TO
Project ID	P00800557LZ	
Project Title	Cong. Andres Acop Cosalan Rd - K0348 + 950 - K0350 + 250, K0353 + 900 - K0354 + 150, K0360 + 350 - K0360 + 500, K0361 + 250 - K0361 + 300, K0362 + 350 - K0362 + 500	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
Type of Work	Construction of Drainage Structure along Road	Construction of Drainage Structure along Road
Physical Target	CW1 – 1,878 Lineal Meters	CW1 – 1,905 Lineal 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.


KHADARFY 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 - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary Roads along Cong. Andres Acop Cosalan Rd - K0348+950 - K0350+250, K0353+900 - K0354+150, K0360+350 - K0360+500, K0361+250 - K0361+300, K0362+350 - K0362+500

Respectfully submitting the requirements for the modification of the FY 2024 project: "Asset Preservation – Construction / Upgrading / Rehabilitation of Drainage along National Roads - Secondary Roads along Cong. Andres Acop Cosalan Rd - K0348+950 - K0350+250, K0353+900 - K0354+150, K0360+350 - K0360+500, K0361+250 - K0361+300, K0362+350 - K0362+500" for your endorsement.

FROM			TO		
Project Description					
UACS No. : 310111100656000 Project ID : P00800557LZ 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+ 350 - K0360+500, K0361+ 250 - K0361+ 300 , K0362+350 - K0362+500			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		
Physical Target	Unit Cost	Allocation	Physical Target	Unit Cost	Allocation
CW-1: Construction of Drainage Structure along Road			CW-1: Construction of Drainage Structure along Road		
1,878 ln.m.	₱ 8,486.03	₱ 15,936,760.00	1,905 ln.m.	₱ 8,365.75	₱ 15,936,760.00
EAO (2%)		₱ 325,240.00	EAO (2%)		₱ 325,240.00
TOTAL		₱ 16,262,000.00	TOTAL		₱ 16,262,000.00

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)

B. ORIGINAL PROJECT

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

310111100656000 ✓

5. Project Id

P00800557LZ ✓

6. Project Category

OO1: Ensure Safe and Reliable National Road System ✓

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

Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Secondary 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 Drainage Structure along Road ✓

10. PROJECT DESCRIPTION (as recorded in GAA)

 Cong. Andres Acop Cosalan Rd - K0348 + 950 - K0350 + 250, K0353 + 900 - K0354 + 150, K0360 + **350** - K0360 + 500, K0361 + **250** - K0361 + **300**, K0362 + 350 - K0362 + 500

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

16,262 ✓

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

Component ID	Target	Target Unit
CW1	1,878 ✓	Lineal Meters (lm)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	15,936.76 ✓	8.48603
EAO	325.24 ✓	

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)

Secondary Road

16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)

Benguet Second District Engineering Office

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 Drainage Structure along Road ✓

20. PROJECT DESCRIPTION (of the revised project)

 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

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

16,262 ✓

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	1,905 ✓	Lineal Meters (lm)

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

Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	15,936.76 ✓	8.36575 ✓
EAO	325.24 ✓	

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)

Secondary Road

27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)

Benguet Second District Engineering Office

Tables for Modification Request Form

17. PROJECT IMPLEMENTATION PLAN (PIP)		28. PROJECT IMPLEMENTATION PLAN (PIP)	
Planned Start Date 04/29/2024	Planned End Date 11/11/2024	Planned Start Date 04/29/2024	Planned End Date 11/11/2024
		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)
☐ NO ☐ YES ☒ N/A

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

The change in station limits and the increase in physical target for CW1 – Construction of Drainage Structure along Road from 1,878 square meters to 1,905 square meters are due to the following:

- The increase in the physical target / decrease in unit cost is due to the need to include the construction of Reinforced Concrete Box Culvert at identified sections prone to flooding. Furthermore, there is a need to construct flume in order to mitigate the water from overflowing to the adjacent vegetable gardens and help direct the surface water to the main river.*
- Stations from K0360 + 250 to K0360 + 500, and from K0361 + 470 to K0361 + 520 were modified and extended in order to include the adjacent sections that was observed to be particularly ponded during monsoon season.*
- 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: 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.

33. PHOTOS SUBMITTED
☐ NO ☒ YES


34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED
☐ NO ☒ YES

Tables for Modification Request Form

35. PREPARED BY:

Name:  Office: Benguet 2nd District Engineering Office	Position: Engineer II Date:
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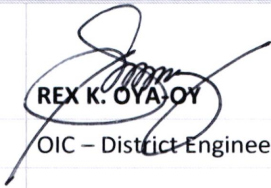
36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:  Position: OIC - Chief, Planning and Design Section Date:	
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38. REVIEWED BY REGIONAL OFFICE

Name:  Position: Chief, Planning and Design Division Date:	
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37. RECOMMENDED BY DISTRICT OFFICE (If Required)

Name:  Position: OIC - District Engineer Date:	
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39. RECOMMENDED BY REGIONAL OFFICE

Name:  Position: Regional Director Date:	
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Tables for Modification Request Form

UACS (Unified Account Code Structure as defined in GAA)

310111100656000

Project Id

P00800557LZ

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	Name:	Engr. ANTONIO V. SOBREVÍÑAS, JR.
Signature		Signature	
Position:	Project Manager I	Position:	Project Manager III
Date:	4/4/24	Date:	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:	04-18-2024	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	S00381LZ	K0348+950	K0350+250	6482	7781	1299	Construction of Drainage Structure along Road	Construction of Cross Drain with flume (L/S), Canal with metal gratings (R/S), RCBC, RCPC with inlet, Concrete Canal with Cover (R/S), curb and gutter (L/S), and Stone Masonry with Concrete Armor	Lineal meter	1039
CW-1	S00381LZ	K0353+900	K0354+150	11411	11584	173	Construction of Drainage Structure along Road	Construction of Canal with Concrete Cover (R/S) and Concrete Gutter	Lineal meter	178
CW-1	S00381LZ	K0360+250	K0360+500	17405	17655	250	Construction of Drainage Structure along Road	Construction of Canal with Concrete Cover (R/S), and cross drain with construction of shoulders	Lineal meter	470
CW-1	S00381LZ	K0361+470	K0361+520	18583	18633	50	Construction of Drainage Structure along Road	Construction of Canal with Concrete Cover (R/S) and Concrete Gutter	Lineal meter	26
CW-1	S00381LZ	K0362+350	K0362+500	19356	19506	150	Construction of Drainage Structure along Road	Construction of RCBC with flume (L/S)	Lineal meter	192