



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

June 14, 2023

MEMORANDUM

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

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

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

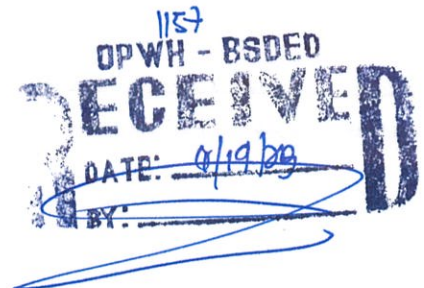
1. OO1: Ensure Safe and Reliable National Road System - Network Development: Off-Carriageway Improvement - Secondary Roads Baguio-Bontoc Rd - **K0298+000 - K0299+600 - - - P30,000,000.00**
2. Organizational Outcome 1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Secondary Roads Baguio-Bontoc Rd - **K0267+813 - K0269+112, K0281+438 - K0284+075 - - - P60,000,000.00**

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.

ADOR G. CANLAS

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

2.3 mksa/AVS/AGC/ERP





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

May 31, 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 May 29, 2023 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 2023 General Appropriations Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description			Project Description		
UACS No.: 310208100510000 Project ID.: P00712272LZ OO1: Ensure Safe and Reliable National Road System - Network Development: Off-Carriageway Improvement - Secondary Roads Baguio-Bontoc Rd - K0304+000 - K0305+491			 OO1: Ensure Safe and Reliable National Road System - Network Development: Off-Carriageway Improvement - Secondary Roads Baguio-Bontoc Rd - K0298+000 - K0299+600		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 – Off-Carriageway Improvement: Paving of Shoulders / 6,008.73 square meters	₱ 4,892.88/ square meter	₱ 29,400,000.00	CW1 – Off-Carriageway Improvement: Paving of Shoulders / 2,360.50 square meters	₱ 5,632.89/ Square meter	₱ 13,296,445.93
			CW2- Construction of Drainage Structures along Road/ 1,267.00 lineal meters	₱ 6,618.19/ Square meter	₱ 8,385,248.62
			CW3- Construction of Road Slope Protection Structure/ 1,920.50 square meters	₱ 4,018.90/ Square meter	₱ 7,718,305.45
EAO	–	₱ 600,000.00	EAO	–	₱ 600,000.00
Total:		₱ 30,000,000.00	Total:		₱ 30,000,000.00

Justification:

Change in station limits, decrease in physical target for CW1 – Off-Carriageway Improvement from 6,008.73 square meters to 2,360.50 square meters, addition of a new component CW2 – Construction of Drainage Structure along Road with a physical target of 1,267 lineal meters and CW3 - Construction of Road Slope Protection Structure with a physical target of 1920.5 square meters due to the following:

- The change in station limits was deemed necessary and prioritized from the original station limits, with smaller number of residents, and in order to ease the recent traffic situation experienced along the new identified station limits, a residential and tourist area. It is noted that combined with the traffic caused by an on-going Preventive Maintenance project along the road line, traffic volume drastically increases especially during Fridays and Saturdays due to the influx of tourist coming from other places local and foreign.
- Decrease in physical target of CW1 is due to the inclusion of CW2 and CW3. Increase in unit cost of CW1 was due to the increase in length of station limits. Urgent need to provide drainage structures along the identified critical sections along the limits in order to divert surface run-offs coming from the vegetable gardens nearby and the carriageway, to provide concrete barriers for the safety of both motorists and passers-by.
- Furthermore, the addition of a new component CW3 is necessary due to the need to stabilize the soil that will be disturbed during the construction of concrete shoulders by providing slope protection structures along the sections that were identified as critical.
- 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.

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.


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 R. PIPO, JR.

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



May 29, 2023

MEMORANDUM

FOR : MANUEL M. BONOAN
Secretary

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

SUBJECT : Request for Modification of the Project: 001: Ensure Safe and Reliable National Road System - Network Development - Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0304+000 - K0305+491

We are respectfully forwarding the Memorandum dated May 24, 2023 from OIC - District Engineer Rex K. Oya-oy, Benguet Second District Engineering Office, regarding the modification of the above project in the amount of **Thirty Million Pesos (Php 30,000,000.00)**, as indicated below:

	FROM	TO
Project ID	P00712272LZ	
Project Title	Baguio-Bontoc Rd - K0304+000 - K0305+491	Baguio-Bontoc Rd - K0298+000 - K0299+600
Type of Work	CW1 - Off-Carriageway Improvement: Paving of Shoulders	CW1 - Off-Carriageway Improvement: Paving of Shoulders
		CW2 - Construction of Drainage Structure along Road
		CW3 - Construction of Road Slope Protection Structure
Physical Target	CW1: 6,008.73 Square Meters	CW1: 2,360.50 Square Meters
		CW2: 1,267 Lineal Meters
		CW3: 1,920.50 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

By the authority of the Regional Director:


EMMANUEL W. DIAZ, CESE
Assistant Regional Director

CAR.1 MGB/EFD/JWC/ABM



Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BENGUET SECOND
DISTRICT ENGINEERING OFFICE
CORDILLERA ADMINISTRATIVE REGION
Natubleng, Buguias, Benguet

May 24, 2023

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

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

SUBJECT : Submission of Requirements for FY 2023 Modification of the project, Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0304+000 - K0305+491

Respectfully submitting the requirements for the modification of the FY 2023 project: "Off-Carriageway Improvement - Secondary Roads - Baguio-Bontoc Rd - K0304+000 - K0305+491" for your endorsement.

FROM		TO	
Project Description:			
UACS No.: 310208100510000			
Project ID.: P00712272LZ			
Network Development Program - Off-Carriageway Improvement - Secondary Roads		Network Development Program - Off-Carriageway Improvement - Secondary Roads	
Baguio-Bontoc Rd - K0304+000 - K0305+491		Baguio-Bontoc Rd - K0298+000 - K0299+600	
Physical Target	Allocation (PhP)	Physical Target	Allocation (PhP)
CW-1: Off-Carriageway Improvement: Paving of		CW-1: Off-Carriageway Improvement: Paving of	
6008.73 square meter	29,400,000.00	2360.5 square meter	13,296,445.93
		CW-2: Construction of Drainage Structures along Road	
		1267 linear meter	8,385,248.62
		CW-3: Construction of Road Slope Protection Structures	
		1920.5 square meter	7,718,305.45
EAO (2%)	600,000.00	EAO (2%)	600,000.00
Total:	30,000,000.00	Total:	30,000,000.00

For your review.


REX K. OYA-OY
OIC - District Engineer
CAR 17.1 VBC/MBB/RKO

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			C. PROPOSED REVISED PROJECT		
4. UACS (Unified Account Code Structure as defined in GAA) 310208100510000					
5. Project Id P00712272LZ ✓					
6. Project Category OO1: Ensure Safe and Reliable National Road System					
7. Sub-Program (P/A/P) Network Development - Off-Carriageway Improvement - Secondary Roads					
8. Operating Unit Benguet 2nd District Engineering Office			18. Operating Unit (Change subject to DBM approval) Benguet 2nd District Engineering Office		
9. Type of Work (Enter Details for all Components below)			19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work		Component ID	Type of Work	
CW1	Off-Carriageway Improvement: Paving of Shoulders		CW1	Off-Carriageway Improvement: Paving of Shoulders	
			CW2	Construction of Drainage Structure along Road	
			CW3	Construction of Road Slope Protection Structure	
10. PROJECT DESCRIPTION (as recorded in GAA) Baguio-Bontoc Rd - K0304+000 - K0305+491 ✓			20. PROJECT DESCRIPTION (of the revised project) Baguio-Bontoc Rd - K0298+000 - K0299+600		
11. ALLOTMENT (P'000) (as recorded in GAA) 30,000			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 30,000		22. CAF (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
12. PHYSICAL TARGET (Enter Details for all Components below)			23. PHYSICAL TARGET (Enter Details for all Components below)		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	6,008.73 ✓	Square Meters (m2)	CW1	2,360.5	Square Meters (m2)
			CW2	1,267	Lineal Meters (lm)
			CW3	1,920.50	Square Meters (m2)
13. UNIT COST (Enter Details for all Components below)			24. UNIT COST (Enter Details for all Components below)		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	29,400.00000 ✓	4.89288 ✓	CW1	13,296.44593	5.63289 ✓
			CW2	8,385.24862	6.61819 ✓
			CW3	7,718.30545	4.01890 ✓
EAO	600.000 ✓		EAO	600.000	

Tables for Modification Request Form

14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)				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 X		End X	
Start Y		End Y		Start Y		End Y	
15. ROAD CLASSIFICATION (if applicable) Secondary Road				26. ROAD CLASSIFICATION (if applicable) Secondary 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	
06/21/2023		02/25/2024		06/21/2023		02/25/2024	
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) <ul style="list-style-type: none"> Change in station limits, decrease in physical target for CW1 – Off-Carriageway Improvement from 6,008.73 square meters to 2,360.50 square meters, addition of a new component CW2 – Construction of Drainage Structure along Road with a physical target of 1,267 lineal meters and CW3 - Construction of Road Slope Protection Structure with a physical target of 1920.5 square meters due to the following: The change in station limits was deemed necessary in order to ease the recent traffic situation experienced along the identified station limits. It is noted that combined with the traffic caused by an on-going Preventive Maintenance project along the road line, traffic volume drastically increases especially during Fridays and Saturdays due to the influx of tourist coming from other places local and foreign. Unit costs for CW1 increased due to the urgent need to also provide drainage structures along identified critical sections along the limits in order to divert surface run-offs coming from the vegetable gardens nearby and the carriageway, to provide concrete barriers for the safety of both motorists and passers-by. Furthermore, the addition of a new component CW3 is necessary due to the need to stabilize the soil that will be disturbed during the construction of concrete shoulders by providing slope protection structures along the sections that were identified as critical. 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. 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 <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:


MARJORY B. BANAQ

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)

310208100510000

Project Id


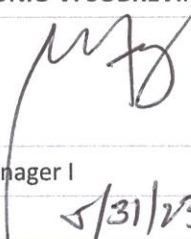
P00712272LZ

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. SOBREVINAS, JR.
Signature		Signature	
Position:	Project Manager I	Position:	Project Manager I
Date:	5/21/23	Date:	5/31/23

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:	OIC - Chief of Programming Division
Date:	5/16/23	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	S00373LZ	K0298+000	K0299+600	36028	37635	1607	Off-Carriageway Improvement: Paving of Shoulders	1. Paving of Shoulders 2. Sidewalk (LS) 3. Road Safety Feature (Concrete Barrier (RS))	square meter	2360.5
CW-2	S00373LZ	K0298+000	K0299+600	36028	37635	1607	Construction of Drainage Structure along Road	1. Drainage works (Concrete Line Canal (LS), 910mm RCPC, Reconditioning of existing RCPC)	Lineal meter	1267
CW-3	S00373LZ	K0298+000	K0299+600	36028	37635	1607	Construction of Road Slope Protection Structure	1. Slope protection works (Grouted Riprap (LS), Stone Masonry (RS), Breastwall (LS) and Cribwall (LS))	square meter	1920.5