



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

June 29, 2021

**MEMORANDUM**

**TO : OIC – Regional Director KHADAFFY D. TANGGOL**  
Cordillera Administrative Region

**ATTENTION : District Engineer ALEXANDER C. CASTAÑEDA**  
Benguet 2<sup>nd</sup> District Engineering Office

Transmitted herewith are the **duly approved** Request for Modification for the project under FY 2021 General Appropriation Act (GAA), RA 11518, viz:

Date Approved	As per GAA/Original		As Modified	
	Project Description			
June 29, 2021	1. Gov. Bado Dangwa National Road K0338+500 – K0338+ <b>731</b>		Gov. Bado Dangwa National Road K0338+500 – K0338+ <b>600</b>	
	CW-1 Reconstruction to Concrete Pavement <b>0.462</b> Lane Km	₱ 4,555,040	CW-1 Reconstruction to Concrete Pavement <b>0.2</b> Lane Km	₱ 4,555,040
	EAO	₱ 92,960	EAO	₱ 92,960
	<b>Total</b>	<b>₱ 4,648,000</b>	<b>Total</b>	<b>₱ 4,648,000</b>

In this regard, please be reminded that a **project can only be modified once** as prescribed under the FY 2021 GAA, and all approved modifications **shall be posted in the DPWH website within five (5) days from receipt thereof**. Failure to comply with this requirement shall be meted with appropriate sanctions.

Please be guided accordingly.

  
**RAFAEL C. YABUT**

Senior Undersecretary  
Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V and CAR

cc: **Undersecretary MARIA CATALINA E. CABRAL, Ph.D.**, Information Management, Planning and PPP Services  
**Assistant Secretary WILFREDO S. MALLARI.**, Regional Operations in Regions I, II, III, IV-A, V and CAR

2.1 RMYR/LSDR



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

JUN 29 2021  
MEMORANDUM

FOR : **MARK A. VILLAR**  
Secretary

Respectfully forwarded is the Memorandum dated April 13, 2021 of OIC-Regional Director **KHADAFFY D. TANGGOL, DPWH-CAR**, endorsing the request of **District Engineer ALEXANDER C. CASTAÑEDA, Benguet 2<sup>nd</sup> DEO**, requesting for the **modification** of project under the FY 2021 GAA, RA 11518, to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310106100573000 Project ID: P00505468LZ					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads			Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads		
Gov. Bado Dangwa National Rd - K0338 + 500 - K0338 + 731			Gov. Bado Dangwa National Rd - K0338 + 500 - K0338 + 600		
Physical Target	Unit Cost	Allocation (P)	Physical Target	Unit Cost	Estimated Cost
CW-1 Reconstruction to Concrete Pavement 0.462 Lane KM	₱ 9,859,394 / Lane KM	₱ 4,555,040	CW-1 Reconstruction to Concrete Pavement 0.2 Lane KM	₱ 11,484,060 / Lane KM <i>₱ 22.8 m/k.</i>	₱ 2,296,812
			CW-2 Construction of Road Slope Protection Structure 347 Square Meters	₱ 6,508 / Square Meters	₱ 2,258,228
EAO	-	₱ 92,9605	EAO	-	₱ 92,9605
Total:		₱ 4,648,000	Total:		₱ 4,648,000
Justification:					
<ul style="list-style-type: none"><li>Decrease in physical target due to increase in unit cost attributed by the mountainous location and is quite far from the material sources.</li><li>Addition of CW-2: Construction of Road Slope Protection Structure since the downslope adjacent to the proposed lane is much steeper which needs the road slope protection structures (crib wall) on various sections.</li><li>The change in station limits is to reflect the actual work limits as per modified physical target.</li><li>The derived unit cost and physical target were based on the approved plans, POW, DUPA, CMPD and Certificate of Reasonableness of Cost.</li></ul> <i>n attached.</i>					

Based on our evaluation, the submitted request for modification of the said project is in order; hence, approval hereof is recommended.

**RAFAEL C. YABUT**  
Senior Undersecretary  
Undersecretary for Operations  
Regions I, II, III, IV-A, V and CAR

**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

Department of Public Works and Highways  
Office of the Secretary



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

Ref No. CAR - 091

**Programming Division Evaluation Sheet**

Name of Project:

Gov. Bado Dangwa National Rd - K0338 + 500 - K0338 + 731

Project ID: P00505468LZ

Appropriation: 4,648,000

Implementing Office: Benquet Second District Engineering Office

Date: 05/04/2021

**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 ONLY

A.2.5.2 ☐ Change in Scope of Work ONLY

A.2.5.3 ☐ Change in Component Amount ONLY

A.2.5.4 ☒ Addition of Component ONLY (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component ONLY

A.2.5.6 ☐ Movement of Funds bet. Components ONLY

A.2.5.7 ☐ MULTIPLE changes in Component Details

DPWH - OSEC  
**RECEIVED**  
JUN 28 2021  
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**B. EVALUATION**

B.1 ☒ MAY BE ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2021 GAA, R.A. 11518**

C.1 ☐ FLR ([ ] Released [ ] Unreleased)

C.2 ☒ FCR

Amount: 4,648,000

**D. Remarks:** (CW1): Decrease in target by 56.71% and increase in unit cost by 16.48%. The project is located in mountainous area & far from the material source. Thus, the downslope adjacent to the proposed lane is much steeper, hence the change of the design height & protection structures resulting to the decrease of physical target; Additional component for the construction of slope protection (CW2).

Evaluated By: CHRISTYBEL C. CANUEL  
Regional Coordinator

Noted By: LEONORA C. GALANG  
Section Chief

**ACTION SLIP**

Project ID: P00505468LZ

Ref No. CAR - 091

Date: 05/04/2021

FOR : **USEC FOR OPERATIONS**

☒ RCY

☐ RBB

☐ ERP, Jr.

☐ EKS

REMARKS:

☒ Reviewed by Planning Service

☒ Recommended for Approval

☐ Remarks:

MARIA CATALINA E. CABRAL, PhD, CESO I

Undersecretary for Information Management, Planning and PPP Services



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

April 13, 2021

**MEMORANDUM**

**FOR : MARK A. VILLAR**  
Secretary

**THRU : RAFAEL C. YABUT**  
Senior Undersecretary for Regional Operations  
Regions I, II, III, IV-A, V & CAR

**SUBJECT : Request for Modification of the CY 2021 Project: Organizational Outcome 1 – Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Road – Tertiary Roads - Gov. Bado Dangwa National Road K0338+500 – K0338+731**

We are respectfully forwarding the Memorandum dated April 5, 2021 from District Engineer Alexander C. Castañeda, Benguet Second District Engineering Office, regarding the modification of the above project in the amount of **Four Million Six Hundred Forty-Eight Thousand Pesos (Php 4,648,000.00)**, as indicated below:

**FROM**  
Project Title:  
Gov. Bado Dangwa National Road  
K0338+500 – K0338+**731**

Physical Target:  
CW1 - **0.462** Lane Km

Type of Work:  
CW1 – Rehabilitation of Concrete Road

**TO**  
Project Title:  
Gov. Bado Dangwa National Road  
K0338+500 – K0338+**600**

Physical Target:  
CW1 - **0.200** Lane Km  
**CW2 - 347 Square Meters**

Type of Work:  
CW1 – Rehabilitation of Concrete Road  
CW2 – Construction of Road Slope  
Protection Structure

The supporting documents based on D.O. No. 37, Series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

  
**KHADAFFY D. TANGGOL**  
OIC-Regional Director

CAR.1 DLBC/EFD/AOD/ABM





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

April 5, 2021

**MEMORANDUM**

**FOR : KHADAFFY D. TANGGOL**  
OIC - Regional Director  
DPWH - CAR

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

**SUBJECT : Submission of Requirements for the Modification of the FY 2021 project, Rehabilitation/Reconstruction/Upgrading of Damaged Paved Road – Tertiary Roads along Gov. Bado Dangwa National Road K0338+500 – K0338+731, under Organizational Outcome 1 – Asset Preservation Program**

We are submitting the requirements for the modification of the FY 2021 project **"Rehabilitation/Reconstruction/Upgrading of Damaged Paved Road – Tertiary Roads along Gov. Bado Dangwa National Road K0338+500 – K0338+731"** for your endorsement.

FROM			TO		
<b>Project Description:</b> <b>UACS No.: 310106100573000</b> <b>Project ID: P00505468LZ</b>  Organizational Outcome 1 – Asset Preservation Program – Rehabilitation/Reconstruction/Upgrading of Damaged Paved Road – Tertiary Road  Gov. Bado Dangwa National Road K0338+500 – K0338+731			Organizational Outcome 1 – Asset Preservation Program – Rehabilitation/Reconstruction/Upgrading of Damaged Paved Road – Tertiary Road  Gov. Bado Dangwa National Road K0338+500 – K0338+600		
Physical Target	Unit Cost (Php)	Allocation (Php)	Physical Target	Unit Cost (Php)	Allocation (Php)
<i>CW-1: Rehabilitation of Concrete Road</i>			<i>CW-1: Rehabilitation of Concrete Road</i>		
0.462 Ln.Km.	9,859,393.94	4,555,040.00	0.2 Ln.Km.	11,484,061	2,296,812.2
			<b><i>CW-2: Construction of Road Slope Protection Structure</i></b>		
			347 sqm.	6,508	2,258,227.8
EAO (2%)		92,960.00	EAO (2%)		92,960.00
<b>Total:</b>		<b>4,648,000.00</b>	<b>Total:</b>		<b>4,648,000.00</b>

**ALEXANDER C. CASTAÑEDA**  
District Engineer  
CAR 17-1 VBC/NAC/ACC

## Tables for Form for Modification Request

A. GENERAL							
<b>1. REGION</b> Cordillera Administrative Region (CAR)			<b>2. DEO</b> Benguet 2nd District Engineering Office			<b>3. LEGISLATIVE DISTRICT</b> Benguet Lone District	
B. ORIGINAL PROJECT				C. PROPOSED REVISED PROJECT			
<b>4. UACS (Unified Account Code Structure as defined in GAA)</b> 310106100573000							
<b>5. Project Id</b> P00505468LZ							
<b>6. Project Category</b> OO1: Ensure Safe and Reliable National Road System							
<b>7. Sub-Program (P/A/P)</b> Asset Preservation - Rehabilitation/Reconstruction/Upgrading of Damaged Paved Roads - Tertiary Roads							
<b>8. Operating Unit</b> Benguet 2nd District Engineering Office				<b>18. Operating Unit (Change subject to DBM approval)</b> Benguet 2nd District Engineering Office			
<b>9. Type of Work (Enter Details for all Components below)</b>				<b>19. Type of Work (Enter Details for all Components below)</b>			
<b>Component ID</b>		<b>Type of Work</b>		<b>Component ID</b>		<b>Type of Work</b>	
P00505468LZ - CW1		Reconstruction to Concrete Pavement		P00505468LZ - CW1		Reconstruction to Concrete Pavement	
				P00505468LZ - CW2		Construction of Road Slope Protection Structure	
P00505468LZ - EAO				P00505468LZ - EAO			
<b>10. PROJECT DESCRIPTION (as recorded in GAA)</b> Gov. Bado Dangwa National Road K0338+500 – K0338+731				<b>20. PROJECT DESCRIPTION (of the revised project)</b> Gov. Bado Dangwa National Road K0338+500 – K0338+600			
<b>11. ALLOTMENT (P'000) (as recorded in GAA)</b> 4,648				<b>21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)</b> 4,648		<b>22. CAF (To be obtained from Financial Management office)</b> <input checked="" type="checkbox"/> YES	
<b>12. PHYSICAL TARGET (Enter Details for all Components below)</b>				<b>23. PHYSICAL TARGET (Enter Details for all Components below)</b>			
<b>Component ID</b>		<b>Target</b>	<b>Target Unit</b>	<b>Component ID</b>		<b>Target</b>	<b>Target Unit</b>
P00505468LZ - CW1		0.462	Lane Km.	P00505468LZ - CW1		0.2	Lane Km.
				P00505468LZ - CW2		347	Square meter
P00505468LZ - EAO				P00505468LZ - EAO			
<b>13. UNIT COST (Enter Details for all Components below)</b>				<b>24. UNIT COST (Enter Details for all Components below)</b>			
<b>Component ID</b>		<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>	<b>Component ID</b>		<b>Component Cost (P'000)</b>	<b>Target Unit Cost (P'000/Target Unit)</b>
P00505468LZ - CW1		4,555.04	9,859.39	P00505468LZ - CW1		2,296.812	11,484.06
				P00505468LZ - CW2		2,258.228	6.508
P00505468LZ - EAO		92.96		P00505468LZ - EAO		92.96	
<b>14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014)</b>				<b>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 and LP)</b>			
<b>Start X</b>	120.86433	<b>End X</b>	120.77617	<b>Start X</b>	120.64643	<b>End X</b>	120.82117
<b>Start Y</b>	16.409222	<b>End Y</b>	16.48506	<b>Start Y</b>	16.75663	<b>End Y</b>	16.434222
<b>15. ROAD CLASSIFICATION (if applicable)</b> Tertiary				<b>26. ROAD CLASSIFICATION (if applicable)</b> Tertiary			
<b>16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project)</b> Benguet 2nd District Engineering Office				<b>27. IMPLEMENTING OFFICE (Record the Implementing Office of the proposed revised project)</b> Benguet 2nd District Engineering Office			



## Tables for Form for Modification Request

<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
<b>D. ATTACHMENTS &amp; JUSTIFICATIONS</b>	
<b>31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)</b> <input type="checkbox"/> NO <input type="checkbox"/> YES <input checked="" type="checkbox"/> N/A	
<b>32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)</b>  <ol style="list-style-type: none"> <li>1. The original unit cost is low considering that the terrain where the site is located is mountainous and the site is quite far from material sources.</li> <li>2. Furthermore, during the preparation of design and plan, it was found out that the downslope adjacent to the proposed lane is much steeper than what was initially assumed. Hence, the road slope protection structures on various sections was changed to cribwall and the height was also extended resulting to a decrease in the physical target.</li> </ol>	
<b>33. PHOTOS SUBMITTED</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
<b>34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED</b> <input type="checkbox"/> NO <input checked="" type="checkbox"/> YES	
<b>35. PREPARED BY:</b>	
<b>Name:</b>  <b>Position:</b> Engineer II <b>Office:</b> Benguet 2nd District Engineering Office <b>Date:</b> 31 MAR 2021	<b>Name:</b>  <b>Position:</b> Engineer II <b>Date:</b> 31 MAR 2021
<b>36. REVIEWED BY DISTRICT OFFICE (If Required)</b>	<b>38. REVIEWED BY REGIONAL OFFICE</b>
<b>Name:</b>  <b>Position:</b> Chief, Planning and Design Section <b>Date:</b> 31 MAR 2021	<b>Name:</b>  <b>Position:</b> Chief, Planning and Design Division <b>Date:</b> 31 MAR 2021
<b>37. RECOMMENDED BY DISTRICT OFFICE (If Required)</b>	<b>39. RECOMMENDED BY REGIONAL OFFICE</b>
<b>Name:</b>  <b>Position:</b> District Engineer <b>Date:</b> 31 MAR 2021	<b>Name:</b>  <b>Position:</b> OIC - Regional Director <b>Date:</b> 31 MAR 2021

## Tables for Form for Modification Request

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

310106100573000

**Project Id**

P00505468LZ

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

**Category of Modification**

(choose one)


- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

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

Category A	Category B	Category C	Category D	Adjustment (Must be no change to target or GAA line item)
<input type="checkbox"/> Typographical error on Project Description <input type="checkbox"/> Project Description needs items removed due to typo error	<input type="checkbox"/> Overlapping Sections of Work <input type="checkbox"/> Change in station limits, due to increase or decrease in budget <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City/Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> Typographical error on Project Component Description <input type="checkbox"/> Typographical error on other fields not included in, or not consistent with GAA <input type="checkbox"/> Move funds between Project Components <input type="checkbox"/> Add/delete Project Components <b>Change of Itemized Project Component:</b> <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target

### Reviewed by Office of the Undersecretary for Operations

**Name:** RHOFEL MARIE Y. REGALADO

**Signature:** 

**Position:** ENGINEER IV

**Date:**

### 41. DPWH PLANNING SERVICE OFFICE USE ONLY

**Category of Modification**

(choose one)

- ☐ Category A – Typographical Errors
- ☐ Category B – Change in Station Limits, due to increase or decrease in budget
- ☐ Category C – Change in Location
- ☐ Category D – Change in Operating Unit (requires DBM approval)
- ☐ Adjustment – Send to PS-PD to amend MYPs
- ☐ Modification does not comply with DBM Categories
- ☐ Augmentation

### Reviewed by Planning Service

<p><b>Name:</b> CHRISTYBEL C. CANUEL</p> <p><b>Signature:</b> </p> <p><b>Position:</b> Regional Coordinator</p> <p><b>Date:</b> 5/4/24</p>	<p><b>Name:</b> PETER PAUL R. CORTEZ</p> <p><b>Signature:</b> </p> <p><b>Position:</b> OIC - Chief of Programming Division</p> <p><b>Date:</b> 5/4/24</p>
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## Annex A to Form for Modification Request

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
CW-1	S00377LZ	K0338+500	K0338+600	11211	11311	100	Reconstruction to Concrete Pavement	Reconstruction to Concrete Pavement (280mm thick Slab with drainage and slope protection structures)	Lane Km	0.2
CW-2	S00377LZ	K0338+500	K0338+600	11211	11311	100	Reconstruction to Concrete Pavement	Construction of Road Slope Protection Structures (Cribwall and Stone Masonry)	Square Meters	347