



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

Ref No. CAR-034

Programming Division Evaluation Sheet

Name of Project:

Baguio-Itogon Rd - K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000

Project ID: P00609545LZ

Appropriation: 93,400,000

Implementing Office: Benguet 1st DEO

Date: 03/24/2022

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

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 2022 GAA, R.A. 11639

C.1 ☒ FLR ([] Released [✓] Unreleased)

C.2 ☐ FCR

Amount: 93,400,000

D. Remarks: Decrease in physical targets by 2.56% and increase in unit cost by 2.62%.

Evaluated By: CHRISTYBEL C. CANUEL
Regional Coordinator

Noted By: FROILAN B. MABINI JR.
OIC-Section Chief

ACTION SLIP

Ref No. CAR-034

Project ID: P00609545LZ

Date: 03/24/2022

FOR : USEC FOR OPERATIONS

☐ RCY

☐ RRB

☐ ERP, Jr.

☐ EKS

REMARKS:

☒ Reviewed by Planning Service
☐ Recommended for Approval
Remarks: _____

CONSTANTE A. LLANES, JR., CESO III
Acting Undersecretary for Planning Service



MAR 24 2022

MEMORANDUM

FOR : **ROGER G. MERCADO**
Acting Secretary
This Department

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

Reference Number: CAR-034
Project ID: P00609545LZ

This refers to the memorandum dated March 15, 2022 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request for Project Modification of **OIC-District Engineer Isagani C. Cayme**, Benguet First District Engineering Office requesting for the approval of the **Modification** of the project under FY 2022 General Appropriation Act (GAA), to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310106100659000 Project ID: P00609545LZ					
Organizational Outcome 1: Ensure Safe and Reliable National Road System			Organizational Outcome 1: 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		
Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000			Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0260+690, K0260+735 - K0261+000		
Physical Target	Unit Cost P ('000)	Allocation P ('000)	Physical Target	Unit Cost P ('000)	Estimated Cost P ('000)
CW1 – Reconstruction to Concrete Pavement: 3.520 Lane Km	₱ 25,605.398 / Lane Km	₱ 90,131	CW1 – Reconstruction to Concrete Pavement: 3.430 Lane Km	₱ 26,277.259 / Lane Km	₱ 90,131
EAO	-	₱ 3,269	EAO	-	₱ 3,269
Total:		₱ 93,400	Total:		₱ 93,400
Justification:					
<ul style="list-style-type: none">The change in physical target corresponds to the adjustment in station limits where a section still in good condition has been excluded.The relatively higher unit cost is due to the use of Reinforced PCCP to prevent occurrence of severe cracks/shattered slabs attributed to the compromised geophysical condition of the project area due to rampant open-pit mining. Also, numerous sections with existing slope failures will be mitigated. Other works include provision of road safety features and drainage structures.The derived unit cost is based on the approved plans, POW, DUPA, and Certificate of Reasonableness of Cost.					

Based on our evaluation, the submitted request for modification of the said project is in order. Hence, the said request is hereby recommended for Secretary's consideration and approval.

ROBERTO R. BERNARDO
Undersecretary for Regional Operations
In Luzon (except NCR and Region IV-B)

APPROVED/DISAPPROVED:

ROGER G. MERCADO
Acting Secretary

3.4 FND/JTG/AVM

Department of Public Works and Highways
Office of the Secretary



WIN2F06051



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

MAR 15 2022

MEMORANDUM

FOR : ROGER G. MERCADO
Acting Secretary

THRU : ROBERTO R. BERNARDO
Undersecretary for Regional Operations in Luzon
Except NCR and Region IV-B

**SUBJECT : Request for Modification of the Project: Organizational Outcome 1:
Ensure Safe and Reliable National Road System: Asset Preservation
Program - Rehabilitation/Reconstruction/ Upgrading of Damaged
Paved Roads - Tertiary Roads - Baguio-Itogon Rd - K0259+050 -
K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000**

We are respectfully forwarding the Memorandum dated March 9, 2022 from OIC-District Engineer Isagani C. Cayme, Benguet First District Engineering Office, regarding the modification of the above project in the amount of **Ninety-Three Million Four Hundred Thousand Pesos (Php 93,400,000.00)** as indicated below:

	FROM	TO
Project Title	Baguio-Itogon Rd - K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000	Baguio-Itogon Rd - K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0260+690, K0260+735 - K0261+000
Physical Target	3.520 Lane Km	3.430 Lane Km

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
Regional Director

CAR.1 D/BC/EPD/JWC/ABM

A1-10-202202-00954



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

MAR 15 2022

MEMORANDUM

FOR : ROGER G. MERCADO
Acting Secretary

THRU : ROBERTO R. BERNARDO
Undersecretary for Regional Operations in Luzon
Except NCR and Region IV-B

**SUBJECT : Request for Modification of the Project: Organizational Outcome 1:
Ensure Safe and Reliable National Road System: Asset Preservation
Program - Rehabilitation/Reconstruction/ Upgrading of Damaged
Paved Roads – Tertiary Roads - Baguio-Itogon Rd - K0259+050 –
K0259+150, K0259+204 - K0259+480, K0259+534 – K0261+000**

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	FROM	TO
Project Title	Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000	Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0260+690, K0260+735 - K0261+000
Physical Target	3.520 Lane Km	3.430 Lane Km

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
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

March 9, 2022

DPWH-CAR
Admin.-RMS
RECEIVED

Date **MAR 11 2022**

Ref. No. **CAR-6-60-K6**

MEMORANDUM

FOR : KHADAFFY D. TANGGOL
Regional Director

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

SUBJECT : Request for Modification of the CY 2022 Project:
Baguio-Itogon Rd - K0259+050 - K0259+150, K0259+204
- K0259+480, K0259+534 - K0261+000

Respectfully submitted is the request for modification of the above project under Organizational Outcome 1 with subprogram: Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary Roads. The proposed changes are presented below.

	FROM	TO
Project Description	Baguio-Itogon Rd – K0259+050 - K0259+150 K0259+204 - K0259+480 K0259+534 - K0261+000	Baguio-Itogon Rd – K0259+050 - K0259+150 K0259+204 - K0259+480 K0259+534 - K0260+690 K0260+735 - K0261+000
Physical Target	3.520 Lane Km	3.430 Lane Km
Unit Cost (excluding EAO)	₱25,605,397.73/ Lane Km	₱26,277,259.48/ Lane Km

Attached are the supporting documents based on D.O. No. 37, Series of 2018, "Guidance on Project Modification and Augmentation Under the General Appropriations Act (GAA)."

For your perusal.

ISAGANI C. CAYME
OIC-District Engineer

CAR.16.1 HGUD/LBP/ICC

Form for Modification Request

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) 310106100659000 /					
5. Project Id P00609545LZ /					
6. Project Category OO1: Ensure Safe and Reliable National Road System /					
7. Sub-Program (P/A/P) Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Tertiary 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)			19. Type of Work (Enter Details for all Components below)		
Component ID	Type of Work		Component ID	Type of Work	
P00609545LZ-CW1	Reconstruction to Concrete Pavement		P00609545LZ-CW1	Reconstruction to Concrete Pavement	
P00609545LZ-EAO			P00609545LZ-EAO		
10. PROJECT DESCRIPTION (as recorded in GAA) Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0261+000 /			20. PROJECT DESCRIPTION (of the revised project) Baguio-Itogon Rd – K0259+050 - K0259+150, K0259+204 - K0259+480, K0259+534 - K0260+690, K0260+735 - K0261+000 /		
11. ALLOTMENT (P'000) (as recorded in GAA) 93,400 /			21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment) 93,400 /		22. CAF (To be obtained from Financial Management office) <input 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
P00609545LZ-CW1	3.520 /	Lane Km	P00609545LZ-CW1	3.430 /	Lane Km
P00609545LZ-EAO			P00609545LZ-EAO		
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)
P00609545LZ-CW1	90,131 /	25,605.398 /	P00609545LZ-CW1	90,131 /	26,277.259 /
P00609545LZ-EAO	3,269 /		P00609545LZ-EAO	3,269 /	

Form for Modification Request

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

Reconstruction to Concrete Pavement along Baguio-Itogon Rd –
K0259+050 - K0259+150 (S00390LZ)
K0259+204 - K0259+480 (S00390LZ)
K0259+534 - K0261+000 (S00390LZ)

Start X

End X

Start Y

End Y

15. ROAD CLASSIFICATION (if applicable)

Tertiary

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

Benguet 1st District Engineering Office

17. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

04/04/2022

Planned End Date

12/08/2022

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)

Reconstruction to Concrete Pavement along Baguio-Itogon Rd –
K0259+050 - K0259+150 (S00390LZ)
K0259+204 - K0259+480 (S00390LZ)
K0259+534 - K0260+690 (S00390LZ)
K0260+735 - K0261+000 (S00390LZ)

Start X

End X

Start Y

End Y

26. ROAD CLASSIFICATION (if applicable)

Tertiary

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

Benguet 1st District Engineering Office

28. PROJECT IMPLEMENTATION PLAN (PIP)

Planned Start Date

05/24/2022

Planned End Date

03/27/2023

29. OVERLAP?

☒ NO ☐ YES

30. UNDER WARRANTY?

☒ NO ☐ 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)

Summary of Revisions:

Particulars	FROM	TO	Variance	
Station Limits	K0259+050 - K0259+150 K0259+204 - K0259+480 K0259+534 - K0261+000	K0259+050 - K0259+150 K0259+204 - K0259+480 K0259+534 - K0260+690 K0260+735 - K0261+000		
Physical Target	3.520 Lane Km	3.430 Lane Km	-0.090 Lane Km	-2.56%
Unit Cost (P'000)	25,605.398/ Lane Km	26,277.259/ Lane Km	-671.861/Lane Km	-2.62%

- The revision in station limits is necessary in order to exclude a section which is still in good condition. Thus, the appropriation is maximized through additional works which are vital to produce a safe road section.
- The following are the considerations in the relatively higher unit cost:
 - a. Use of Reinforced PCCP – The compromised geophysical condition of the project site attributed to effects of open-pit mining calls for the need of a reinforced pavement in order to counter the effects of base settlement, thereby minimizing, if not eliminating the occurrence of severe cracks.
 - b. Construction of widening blocks along various sections especially at curves to improve sight distance and allow better vehicle maneuvering
 - c. Construction of road slope protection structures along various sections – 14 sections with existing road slip and those critical to soil erosion are mitigated, including a section with a massive road slip in order to restore its carriageway capacity. Thus, the pavement and foremost, the road users are protected from damages brought by slope failures.
 - d. Provision of road safety features and drainage facilities – reinforced concrete barriers, pavement markings, curb and gutter, street lights, and road signs

Form for Modification Request

33. PHOTOS SUBMITTED

☐ NO ☒ YES

34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO ☒ YES

35. PREPARED BY:

Name:	HARVEY GARENTT U. DELLA	Position:	Engineer II
Office:	Benguet 1st District Engineering Office	Date:	

36. REVIEWED BY DISTRICT OFFICE (If Required)

Name:	LOIDA B. PASCUA
Position:	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:	ISAGANI C. CAYME
Position:	OIC-District Engineer
Date:	

39. RECOMMENDED BY REGIONAL OFFICE

Name:	KHADAFY D. TANGGOL
Position:	Regional Director
Date:	

Form for Modification Request

UACS (Unified Account Code Structure as defined in GAA)

310106100659000

Project Id

P00609545LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

Category of Modification

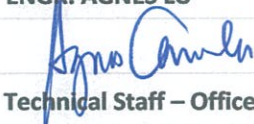

(choose one)

- ☐ 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 Change of Itemized Project Component: <input type="checkbox"/> Various <input type="checkbox"/> Description <input type="checkbox"/> Location <input type="checkbox"/> Amount <input type="checkbox"/> Target

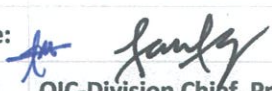
Reviewed by Office of the Undersecretary for Operations

Name:	ENGR. AGNES LU	Name:	ENGR. MANNY BULUSAN
Signature		Signature	
Position:	Technical Staff – Office of the Undersecretary	Position:	Technical Staff – Office of the Undersecretary
Date:		Date:	

41. DPWH PLANNING SERVICE OFFICE USE ONLY

Category of Modification	<input type="checkbox"/> Category A – Typographical Errors <input checked="" type="checkbox"/> Category B – Change in Station Limits, due to increase or decrease in budget <input type="checkbox"/> Category C – Change in Location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Adjustment – Send to PS-PD to amend MYPS <input type="checkbox"/> Modification does not comply with DBM Categories <input type="checkbox"/> Augmentation
(choose one)	

Reviewed by Planning Service

Name:	CHRISTYBEL C. CANUEL	Name:	PETER PAUL R. CORTEZ
Signature		Signature:	
Position:	Regional Coordinator	Position:	OIC-Division Chief, Programming Division
Date:	3/24/2022	Date:	

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
P00609545LZ-CW1	S00390LZ	K0259+050	K0259+150	5713	5813	100	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	0.200
P00609545LZ-CW1	S00390LZ	K0259+204	K0259+480	5867	6143	276	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	0.552
P00609545LZ-CW1	S00390LZ	K0259+534	K0260+690	6197	7337	1,140	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	2.280
P00609545LZ-CW1	S00390LZ	K0260+735	K0261+000	7382	7581	199	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	0.398
TOTAL									Lane Km	3.430