

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

Manila

Name of Proje	ct:		Programming Div	ision Evaluation S		niect ID:	P00609544LZ
19 · · · · · · · · · · · · · · · · · · ·		- K0261+	892 - K0262+890, K02	64 1000 KODE 104		Jeet ID.	10000334462
Silidif-D	eckei ku	- KUZUIT	392 - KUZUZ+090, KUZ	2047900 - KU205794.	5		
					Appro	priation:	66,000,000
Implementing	Office:	1	Benguet 1st DEO			Date:	03/23/2022
A. TYPE	OF REC					-	1
A.1			in Implementing Of	ffice/Operating Uni	it due to		
	A.1.1		Geographical Jurisdicti				
	A.1.2	and the owner water w	Approval of Authority t				
A.2			T MODIFICATION/				
	A.2.1		Typographical Error/s				
	A.2.2		Change in Location (fo	or non-existent locatio	ns only)		
	A.2.3		Change in Station Limi		<u></u> ,,		
	A.2.4	and a second sec	Addition/Deletion of W				
	A.2.5		Change in Project Corr	ponent/s Details			
		A.2.5.1	✓ Change in Targ				
		A.2.5.2		e of Work ONLY			
		A.2.5.3	and the second se	ponent Amount ONLY	,		
		A.2.5.4	Addition of Con	nponent ONLY (incl. E	XC Component)		
		A.2.5.5	Deletion of Con	nponent ONLY			
		A.2.5.6	Movement of F	unds bet. Component	s ONLY	2	
		A.2.5.7	MULTIPLE char	iges in Component De	etails		17
B. EVAL	UATIO	N					
B.1	~		ALLOWED as per the G				
B.2		NOT ALL	OWED as per the GAA	Provisions			de la companya de la
c. FUND	SOURC	CE FY 202	2 GAA, R.A. 11639				
C.1	~	FLR ([] Released [√] Unrel	eased)		Amount:	66,000,000
C.2		FCR					
D. Rema	arks:	Decrease i	n physical targets by 16	5.29% and increase in	unit cost by 16.6	0%.	
			\sim				
			M				
Evaluat	ed By:	CHPTS	TYBEL C. CANUEL	Net	d Du	- Sul	MABINI JR-
Lydiudu	cu by.		onal Goordinator	NOT	ed By: 4	OIC-Section	
	-						
			AC	TION SLIP			
Duojo et TD.	000000	441 7				Ref No.	
Project ID: P	20060954	14LZ]	Date:	03/23/2022
FOR: USEC FO	OR OPE	ATIONS	RCY	RRB	ER	9, Jr.	EKS
REMARKS:	-/	Reviewed	by Planning Service				
	V		nded for Approval				
		Remarks:					
					Λ		
				1			
				-			
				CONSTANTE A. LL	ANES, JR. CE	SO III	
				Acting Undersecreta	ry for Planning S	Serrvice	
				la 1			
			-	Y			



MAR 2 4 2022

MEMORANDUM

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FOR

ROGER G. MERCADO Acting Secretary

This Department

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;

	GAA/Original			As Modified			
	and the second second	Project I	Description				
UACS No. 3101061000 Project ID: P0060954							
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				
Shilan-Beckel Rd - K0261 - K0264+908 - K0265+943		390,	Shilan-Beckel Rd - K020 K0262+355.5 - K026				
		Allocation P ('000)					
K0264+908 - K0265+943 Physical Target CW1 Pacentitize to	Unit Cost	Allocation	K0262+355.5 - K026	2+780, K0264+ Unit Cost	925 - K0265+943 Estimated Cost		
K0264+908 - K0265+943 Physical Target CW1 - Reconstruction to Concrete Pavement:	3 Unit Cost P ('000) ₽ 16,423.414 /	Allocation P ('000)	K0262+355.5 - K026 Physical Target CW1 – Reconstruction to Concrete Pavement:	2+780, K0264+ Unit Cost P (`000) ₽ 19,149.128 /	925 - K0265+943 Estimated Cost P ('000)		

Justification:

• The change in physical target corresponds to the adjustment in station limits where sections still in good condition have been excluded.

- The higher unit cost is due to the use of reinforced PCCP and application of geotextile to prevent occurrence of severe cracks/shattered slabs which is attributed to weak base or inadequate compaction of the foundation of the existing pavement. Other works include construction of shoulders, slope protection structures, reinforced concrete barriers, 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 FDN/JTG/AVM

Department of Public Works and Highways Office of the Secretary WIN2F06012



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

MAR 1 5 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 - Shilan-Beckel Rd - K0261+892 -K0262+890, K0264+908 - K0265+943

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 **Sixty-Six Million Pesos (Php 66,000,000.00)** as indicated below:

	FROM	то
Project Title	Shilan-Beckel Rd - K0261+892 - K0262+890, K0264+908 - K0265+943	Shilan-Beckel Rd - K0262+056- K0262+284.5, K0262+355.5 - K0262+780, K0264+925 - K0265+943
Physical Target	3.878 Lane Km	3.326 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.

KHADAF **D. TANGGOL** Regional Director EFD/JWC/ABM

AV-00-202203-00955

Telefax : (074)444-6460, (074)444-8838 * Email address: dpwh_car@dpwh.gov.ph

AVM- 0784 CAR MO.1



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

MAR 1 5 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 - Shilan-Beckel Rd - K0261+892 – K0262+890, K0264+908 - K0265+943

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	FROM	то
Project Title	Shilan-Beckel Rd - K0261+892 - K0262+890, K0264+908 - K0265+943	Shilan-Beckel Rd - K0262+056 - K0262+284.5, K0262+355.5 - K0262+780, K0264+925 - K0265+943
Physical Target	3.878 Lane Km	3.326 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.

D. TANGGOL Regional Director

CAR.1 DLBC/EFD/JWC/ABM



March 9, 2022

Republic of the Philippines DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BENGUET FIRST DISTRICT ENGINEERING OFFICE CORDILLERA ADMINISTRATIVE REGION Wangal, La Trinidad, Benguet

> DPWH-CAR Admin.-RMS

MEMORANDUM

Dete:	MAR	1 1 2022
Date	TIM	I LULL

Ref. No. CAR.6-60-MM

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FOR

: KHADAFFY D. TANGGOL Regional Director

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

SUBJECT

: Request for Modification of the CY 2022 Project: Shilan-Beckel Rd - K0261+892 - K0262+890, K0264+908 -K0265+943

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	то
Project Description	Shilan-Beckel Rd - K0261+892 - K0262+890 K0264+908 - K0265+943	Shilan-Beckel Rd - K0262+056 - K0262+284.5 K0262+355.5 - K0262+780 K0264+925 - K0265+943
Physical Target	3.878 Lane Km	3.326 Lane Km
Unit Cost (excluding EAO)	P16,423,414.13 / Lane Km	P19,149,128.08/ 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.

8. ISAGANI C. CAYME **OIC-District Engineer**

CAR.16.1 HGUD/LBP/ICC

Form for Modification Request

		Α.	GENERAL			
1. REGION Cordillera Administ (CAR)	trative Region	2. DEO Benguet 1st Distri	ct Engineering Office		E GISLATIN guet Lone	VE DISTRICT e District
B	ORIGINAL PROJE	ст	C. PROPOSED REVISED PROJECT			
4. UACS (Unified Acco 310106100658000	ount Code Structure as de	fined in GAA)				
5. Project Id P00609544LZ	/					
6. Project Category OO1: Ensure Safe a	, nd Reliable National	Road System				
7. Sub-Program (P/ Asset Preservation		onstruction/ Upgra	ding of Damaged Paved	Roads Tert	iary Roac	ds
8. Operating Unit Benguet 1st District	t Engineering Office		18. Operating Unit (cl Benguet 1st District E		/	roval)
9. Type of Work (En	ter Details for all Compo	nents below)	19. Type of Work (Enter Details for all Components below)			
Component ID	Component ID Type of Work		Component ID	Type of Work		
P00609544LZ-CW1	Reconstruction Pavement	to Concrete	P00609544LZ-CW1	Reconstruction to Concrete Pavement		
P00609544LZ-EAO			P00609544LZ-EAO			
10. PROJECT DESCR	RIPTION (as recorded in	GAA)	20. PROJECT DESCRIPTION (of the revised project)			
Shilan-Beckel Rd - K K0265+943	(0261+892 - K0262+)	890, K0264+908 -	Shilan-Beckel Rd - K02 K0262+780, K0264+92			5, K0262+355.5
11. ALLOTMENT (P'000) (as recorded in GAA) 66,000		A)	21. REVISED ESTIMATED COST 22. CAF (To be obtain Financial Management States) (P'000) (Equal to, or lower than GAA allotment) Enancial Management States 66,000 Image: States			
12. PHYSICAL TARG	ET (Enter Details for all	Components below)	23. PHYSICAL TARGET	(Enter Details	for all Com	ponents below)
Component ID	Target	Target Unit	Component ID	Target		Target Unit
P00609544LZ-CW1	3.878 /	Lane Km	P00609544LZ-CW1	3.326		Lane Km
200609544LZ-EAO			P00609544LZ-EAO			
L3. UNIT COST (Ente	r Details for all Compone	nts below)	24. UNIT COST (Enter D	etails for all Co	mponents b	pelow)
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Compone (P'000)	nt Cost	Target Unit Cost (P'000/Target Unit)
P00609544LZ-CW1	63,690 /	16,423.414	P00609544LZ-CW1	63,690		19,149.128
200609544LZ-EAO	2,310		P00609544LZ-EAO	2,310		

		Form for Mo	dification Requ	uest	
14. PROJECT WORK LOCATION (Must be defined in strict accordance with DO 65 Series 2014) Reconstruction to Concrete Pavement along Shilan-Beckel Rd K0261+892 - K0262+890 (S00385LZ) K0264+908 - K0265+943 (S00385LZ)		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 Shilan-Beckel Rd K0262+056 - K0262+284.5 (S00385LZ) K0262+355.5 - K0262+780 (S00385LZ) K0264+925 - K0265+943 (S00385LZ)			
Start X	End X		Start X	End X	
Start Y	End Y		Start Y	End Y	
15. ROAD CLASSIFICAT Tertiary	ION (if applicable)		26. ROAD CLASSII Tertiary	FICATION (if applicable)	
16. IMPLEMENTING Of the original project) Benguet 1st District En		plementing Office of	proposed revised proj	NG OFFICE (Record the Impler lect) ct Engineering Office	menting Office of the
17. PROJECT IMPLEME	NTATION PLAN (PIP)	28. PROJECT IMPLEMENTATION PLAN (PIP)		
Planned Start DatePlanned End Date04/04/202212/08/2022		Planned Start Dat 05/24/2022	ce Planned End 01/27/2023	Date	
		29. OVERLAP? ⊠ NO □ Y	30. UNDER V	WARRANTY?	

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	FROM TO		Variance		
Station Limits	K0261+892 - K0262+890 K0264+908 - K0265+943	K0262+056 - K0262+284.5 K0262+355.5 - K0262+780 K0264+925 - K0265+943				
Physical Target	3.878 Lane Km	3.326 Lane Km	-0.552 Lane Km	-14.23%		
Unit Cost (P000)	16,423.414/ Lane Km	19,149.128/ Lane Km	-2,725.714/Lane Km	-16.60%		

The revision in station limits is necessary in order to exclude those sections which are still in good condition. Thus, the appropriation is maximized through additional works which are vital to produce a safe road section.

The increase in unit cost is due to the following:

- a. Use of Reinforced PCCP The numerous shattered slabs recorded along the sections are attributed to base failure which is believed to have been caused by inadequate base compaction of the existing pavement. Reinforcement is therefore introduced since the site condition requires a more rigid pavement. To further mitigate the effects of the weak pavement base, application of geotextile was included.
- b. Construction of widening blocks along various sections The widening blocks/ shoulders will serve as a safe recovery area for errant drivers. Widening along curves will improve sight distance and allow better vehicle maneuvering.
- c. Construction of road slope protection structures along various sections 4 6 sections with existing road slip and those critical to soil erosion are mitigated. Thus, the pavement and foremost, the road users are protected from damages brought by slope failures.
- d. Construction of road safety structures and drainage facilities reinforced concrete barriers, pavement markings, curb and gutter

Form for Modification Request

		Arrest March 1997	
33. PHOTOS S	UBMITTED VES		
34. A MAP OF	THE PROPOSED PROJECT WORK LOCATION	SUBMITTED	
	35. PF	REPARED BY	/:
Name:	HARVEY GARETATT U. DELLA	Position:	Engineer II
Office:	Benguet 1st District Engineering Office	Date:	
36. REVIE	WED BY DISTRICT OFFICE (If Required)		38. REVIEWED BY REGIONAL OFFICE
Name:	LOIDA B. PASCUA	Name:	ANGELITATB. MABITAZAN
Position:	Chief, Planning and Design Section	Position:	Shief, Planning and Design Division
Date:		Date:	
37. RECOMI	MENDED BY DISTRICT OFFICE (If Required)	3	9. RECOMMENDED BY REGIONAL OFFICE
Name:	ISAGANI C. CAYME	Name:	KHADAFFY DI TANGGOL
Position:	PIC-District Engineer	Position:	Regional Director
Date:	-	Date:	-

Form for Modification Request

UACS (Unified Account	Code Structure as	defined in GAA)
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310106100658000

Project Id

P00609544LZ

40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS USE ONLY

□ Category A – Typographical Errors

□ Category C – Change in Location

Category of Modification

□ Category D – Change in Operating Unit (requires DBM approval)

□ Category B – Change in Station Limits, due to increase or decrease in budget

(choose one)

- □ 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)	
 Typographical error on Project Description Project Description needs items removed due to typo error 	 Overlapping Sections of Work Change in station limits, due to increase or decrease in budget Change in Physical Target 	 No such Barangay No such City/Municipality 	□ Change in (IO), requiring a change in the (OU)	 Typographical error on Project Component Description Typographical error on other fields not included in, or not consistent with GAA Move funds between Project Components Add/delete Project Components Add/delete Project Component: Various Description Location Amount Target 	
	Reviewed by Offi	ce of the Underse	cretary for Opera	tions	
Name:	ENGR. AGNES LU		ENGR. MANNY BULUSAN		
Signature	April Amely		-10-		
Position:	Technical Staff – Office of th	e Undersecretary	Technical Staff -	Office of the Undersecretary	
Date:					
	41. DPWH	PLANNING SERVICE	OFFICE USE ONLY		
Category of Modifica (choose one)	tion Category B Category C Category D Adjustment	 Typographical Errors Change in Station Limit Change in Location Change in Operating U Send to PS-PD to amendates does not comply with D 	nit (requires DBM approv nd MYPS		

	Augmentation						
	Reviewed	hy	Plan				

Reviewed by Planning Service							
Name:	CHRISTYBEL & CANUEL	Name:	PETER PAUL R. CORTEZ				
Signature	1145	Signature:	be faile				
Position:	Regional Coordinator	Position:	OIC-Division Chief, Programming Division				
Date:	3 23 100	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
P00609544LZ-CW1	S00385LZ	K0262+056	K0262+284.5	1362	1590.5	228.5	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	0.457
P00609544LZ-CW1	S00385LZ	K0262+355.5	K0262+780	1661.5	2086	424.5	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	0.849
P00609544LZ-CW1	S00385LZ	K0264+925	K0265+943	4079	5089	1010	Reconstruction to Concrete Pavement	Reinforced PCCP, 280 mm	Lane Km	2.020
TOTAL								Lane Km	3.326	