



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

March 30, 2023

**MEMORANDUM**

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

**ATTENTION :** **RENE F. ZARATE**  
District Engineer  
Baguio City District Engineering Office

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads Marcos Hi-way - K0280 + (-313) - K0280 + (-036), **K0280 + 430 - K0280 + 870**, K0282 + 876 - K0283 + 454 - - - **P99,000,000.00**

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



**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00713124LZ

Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283 + 454

Appropriation: 99,000,000

Implementing Office: Baguio City District Engineering Office

Date: 03/21/2023

**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

A.2.5.2 ☐ Change in Scope of Work from \_\_\_\_\_

to \_\_\_\_\_

A.2.5.3 ☒ Change in Component Amount

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

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☒ Movement of Funds between Components

**B. EVALUATION**

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2023 GAA, R.A. 11936**

C.1 ☐ for issuance of SARO (☐Released ☐Unreleased)

Amount: \_\_\_\_\_

C.2 ☒ released thru GAAAO

99,000,000

**D. IMPACT:**

D.1 Condition/s: \_\_\_\_\_ % decrease in unit cost

4.29 % increase in unit cost

21.06 % decrease in physical target

\_\_\_\_\_ % increase in physical target

D.2 ☐ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: Original Component (CW1 - Construction of Road Slope Protection Structure): only an Increase of 4.29% in the Unit Cost  
Additional Component (CW2 - Road Widening): no increase unit cost in reference with the BOC Unit Cost

**E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA**

E.1 ☒ Undersecretary for Operations

E.2 ☐ Secretary

Evaluated By:

ALEX G. BOTE

Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III

Assistant Secretary, Planning Service

Project ID: P00713124LZ

FOR: USEC FOR OPERATIONS

☐ RRB

☒ ERP

☐ EKS

Date: \_\_\_\_\_

REMARKS: ☒ Reviewed by Planning Service

☐ 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  
**OFFICE OF THE SECRETARY**  
Manila

March 15, 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 8 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RENE F. ZARATE, Baguio City District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description			Project Description		
<b>UACS No. 310108101324000</b> <b>Project ID: P00713124LZ</b>					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Secondary Roads		
Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283 + 454			Marcos Hi-way - K0280 + (-313) - K0280 + (-036), <b>K0280 + 430 - K0280 + 870</b> , K0282 + 876 - K0283 + 454		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Road Slope Protection Structure / 6,600.000 sq.m.	₱ 14,475.00/ sq.m.	₱ 95,535,000.00	CW1- Construction of Road Slope Protection Structure / <b>5,210</b> sq.m.	₱ <b>15,095.49</b> / sq.m.	₱ <b>78,647,500.00</b>
			CW2- Road Widening / 1.292 lane-km	₱ 13,070,820.43/ lane-km	₱ <b>16,887,500.00</b>
EAO	-	₱ 3,465,000.00	EAO	<b>₱ 26 m/la</b>	₱ 3,465,000.00
<b>Total:</b>		<b>₱ 99,000,000.00</b>	<b>Total:</b>		<b>₱ 99,000,000.00</b>

**Justification:**

The project is to be modified in view of the following:

- Change in station limit with the inclusion of additional stations within the road section provided in GAA from Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283 + 454 to Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0280 + 430 - K0280 + 870, K0282 + 876 - K0283 + 454, to provide continuity on the previous widened project along the road section increasing the road capacity so as to avoid bottleneck traffic caused by the inconsistent width and gaps. The road widening is an additional project component as CW2.
- Change in physical target from 6,600.000 sq.m. to 5,210 sq.m. as a result of the introduction of CW2 and an increase in unit cost, in view of the required deeper excavation to suit actual field condition for the slope protection structure, hence an increase in the reinforcing bars requirement per approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

*[Handwritten signature]*

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



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

March 08, 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: ORGANIZATIONAL OUTCOME 1 – Ensure Safe and Reliable National Road System – Asset Preservation – Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Secondary Roads – Marcos Hi-way – K0280 + (-313) – K0280 + (-036), K0282 + 876 – K0283 + 454**

We are respectfully forwarding the Memorandum dated March 02, 2023 from District Engineer Rene F. Zarate, Baguio City District Engineering regarding the above subject amounting to **Ninety Nine Million Pesos (Php 99,000,000.00)**, as indicated below:

FROM	TO
Project Title Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Secondary Roads – Marcos Hi-way – K0280 + (-313) – K0280 + (-036), K0282 + 876 – K0283 + 454	Project Title Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide – Secondary Roads – Marcos Hi-way – K0280 + (-313) – K0280 + (-036), <b>K0280 + 430 – K0280 + 870</b> , K0282 + 876 – K0283 + 454
Allocation CW1 = <b>Php 95,535,000.00</b> EAO = Php 3,465,000.00 TOTAL = Php 99,000,000.00	Allocation CW1 = <b>Php 78,647,500.00</b> <b>CW2 = Php 16,887,500.00</b> EAO = Php 3,465,000.00 TOTAL = Php 99,000,000.00
Physical Target CW1 = <b>6,600</b> Square Meters	Physical Target CW1 = <b>5,210</b> Square Meters <b>CW2 = 1.292</b> Lane Km



The supporting documents based on D.O. #37, Series of 2018 are attached for your ready reference.

For the consideration of the Secretary.

  
**KHADAFFY D. TANGGOL**  
Regional Director

*CAR.1 CBT/EFD/JWC/ABM*



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

MAR 03 2023

DPWH-BCDEO  
RMU-ADM

March 2, 2023

**MEMORANDUM**

**FOR: KHADAFFY D. TANGGOL**  
Regional Director

DPWH-CAR  
Admin.-RMS

**RECEIVED**

Date MAR 03 2023

Ref. No. CAR-G-82-212

**ATTN: ANGELITA B. MABITAZAN**  
Chief, Planning & Design Division

**SUBJECT: Project for Modification**

Submitting is the report in compliance to the memorandum of Eugenio R. Pipo, Undersecretary for Regional Operations in CAR, Regions I, II, IX, X, XI, XII and XIII dated February 27, 2023. Please be informed that based on the General Appropriations Act (GAA) FY 2023, this Office has only one project with modification, re: Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Marcos Hi-way - K0280+(-313) - K0280 + (-036), K0280 + 430 - K0280 + 870, K0282 + 876 - K0283 + 454 and the request was submitted dated February 6, 2023. The details of the project to be modified is shown below:

FROM	TO
<b>Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283+454</b>	<b>Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads - Marcos Hi-way - K0280+(-313) - K0280 + (-036), K0280 + 430 - K0280 + 870, K0282 + 876 - K0283 + 454</b>
<b>Allocation</b>	<b>Allocation</b>
CW1 = <b>Php 95,535,000.00</b>	CW1 = <b>Php 78,647,500.00</b>
EAO = Php 3,465,000.00	<b>CW1 = Php 16,887,500.00</b>
TOTAL = Php 99,000,000.00	EAO = Php 3,465,000.00
	TOTAL = Php 99,000,000.00
<b>Physical Target</b>	<b>Physical Target</b>
CW1 = <b>6,600 Sq.m.</b>	CW1 = <b>5,210 Sq.m.</b>
	CW2 = <b>1.292 Lane Km</b>

For your information.

**RENE F. ZARATE**  
District Engineer

CAR.20.1. RAA /CLR/GVR/RFZ

## Definition of Fields in the Modification Request Form

A.GENERAL					
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Baguio City District Engineering Office		<b>3. LEGISLATIVE DISTRICT</b> BAGUIO CITY (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
<b>4. UACS</b> (Unified Account Code Structure as defined in GAA) 310108101324000					
<b>5. Project Id</b> P00713124LZ					
<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 of Roads with Slips, Slope Collapse, and Landslide - Secondary Roads					
<b>8. Operating Unit</b> Baguio City District Engineering Office			<b>18. Operating Unit</b> (Change subject to DBM approval) Baguio City District Engineering Office		
<b>9. Type of Work</b> (Enter Details for all Components below)			<b>19. Type of Work</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Type of Work</b>		<b>Component ID</b>	<b>Type of Work</b>	
CW1	Construction of Road Slope Protection Structure		CW1	Construction of Road Slope Protection Structure	
			CW2	Road Widening	
EAO			EAO		
<b>10. PROJECT DESCRIPTION</b> (as recorded in GAA) Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283 + 454			<b>20. PROJECT DESCRIPTION</b> (of the revised project) Marcos Hi-way - K0280+(-313) - K0280 + (-036), K0280 + 430 - K0280 + 870, K0282 + 876 - K0283 + 454		
<b>11. ALLOTMENT (P'000)</b> (as recorded in GAA) 99,000			<b>21. REVISED ESTIMATED COST(P'000)</b> (Equal to, or lower than GAA allotment) 99,000		<b>22. CAF</b> (To be obtained from Financial Management office) <input checked="" type="checkbox"/> YES
<b>12. PHYSICAL TARGET</b> (Enter Details for all Components below)			<b>23. PHYSICAL TARGET</b> (Enter Details for all Components below)		
<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>	<b>Component ID</b>	<b>Target</b>	<b>Target Unit</b>
CW1	<del>6,600</del>	Sq.m.	CW1	<del>5,210</del>	Sq.m.
			CW2	<del>1,292</del>	Lane Km
EAO			EAO		
<b>13. UNIT COST</b> (Enter Details for all Components below)			<b>24. UNIT COST</b> (Enter Details for all Components below)		
<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>
CW1	<del>95,535</del>	<del>14.475</del>	CW1	<del>78,647.5</del>	<del>15.10</del>
			CW2	<del>16,887.5</del>	<del>13,070.82</del>
EAO	3,465		EAO	3,465	



## Definition of Fields in the Modification Request Form

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

Click here to enter text.

Start X 120.567767 End X 120.594668

Start Y 16.393097 End Y 16.403751

**15. ROAD CLASSIFICATION** (if applicable)

Secondary

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

Baguio City District Engineering Office

**17. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

03/10/2023

Planned End Date

12/31/2023

**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**)

Click here to enter text.

Start X 120.567767 End X 120.594668

Start Y 16.393097 End Y 16.403751

**26. ROAD CLASSIFICATION** (if applicable)

Secondary

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

Baguio City District Engineering Office

**28. PROJECT IMPLEMENTATION PLAN (PIP)**

Planned Start Date

03/10/2023

Planned End Date

12/31/2023

**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)

The project is to be modified in view of the following:

- Change in station limit with the inclusion of additional stations within the road section provided in GAA from **Marcos Hi-way - K0280 + (-313) - K0280 + (-036), K0282 + 876 - K0283 + 454** to **Marcos Hi-way - K0280+(-313) - K0280 + (-036), K0280 + 430 - K0280 + 870, K0282 + 876 - K0283 + 454**, to provide continuity on the previous widened project along the road section increasing the road capacity so as to avoid bottleneck traffic caused by the inconsistent width and gaps. The road widening is an additional project component as CW2.
- Change in physical target from **6,600 sq.m.** to **5,210 sq.m.** as a result of the introduction of CW2 and an increase in unit cost, in view of the required deeper excavation to suit field actual condition for the slope protection structure, hence an increase in the reinforcing bars requirement per approved Program of Works (POW) and Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer, Construction and Maintenance Division Chief).

**33. PHOTOS SUBMITTED**

☐ NO

☒ YES

**34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED**

☐ NO

☒ YES

## Definition of Fields in the Modification Request Form

<b>35. PREPARED BY:</b>			
<b>Name:</b>	RITZCHELLENE A. ALILI	<b>Position:</b>	Engineer II
<b>Office:</b>	BAGUIO CITY DISTRICT ENGINEERING OFFICE	<b>Date:</b>	
<b>36. REVIEWED BY DISTRICT OFFICE (If Required)</b>		<b>38. REVIEWED BY REGIONAL OFFICE</b>	
<b>Name:</b>	CESARIO L. RILLERA	<b>Name:</b>	ANGELITA B. MABITAZAN
<b>Position:</b>	Chief of Planning and Design Section	<b>Position:</b>	Chief, Planning and Design Division
<b>Date:</b>		<b>Date:</b>	
<b>37. RECOMMENDED BY DISTRICT OFFICE (If Required)</b>		<b>39. RECOMMENDED BY REGIONAL OFFICE</b>	
<b>Name:</b>	BENEF. ZARATE	<b>Name:</b>	KHADAFFY D. TANGGOL
<b>Position:</b>	District Engineer	<b>Position:</b>	Regional Director
<b>Date:</b>		<b>Date:</b>	

## Modification Request Form

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

**310108101324000**

**Project Id**

**P00713124LZ**

### 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 checked="" type="checkbox"/> Change in Station Limits <input checked="" 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 checked="" type="checkbox"/> > 20% increase in unit cost

Reviewed by Office of the Undersecretary for Operations

<b>Name:</b>	ENGR. MANUEL L. SINGSON	ENGR. ANTONIO V. SOBREVÍÑAS, JR.
<b>Signature</b>		
<b>Position:</b>	PROJECT MANAGER I	PROJECT MANAGER II
<b>Date:</b>	3/5/23	3/5/23

### 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (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

<b>Name:</b>	ANNA ANDREA M. NOCHE	<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	CAR - Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>	3/21/2023	<b>Date:</b>	



## ANNEX A: Project Work Location Details for National Roads

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
CW1	S00432LZ	K0280+(313)	K0280 +(036)	542	819	277	Construction of Slope Protection Structure	Construction of Reinforced Retaining Wall (R/S)	776	Square meter
CW1	S00432LZ	K0280 + 430	K0280 + 870	1285	1725	440	Construction of Slope Protection Structure	Construction of Reinforced Retaining Wall (R/S)	1216	Square meter
CW1	S00432LZ	K0282 + 876	K0283 + 454	3743	4318	575	Construction of Slope Protection Structure	Construction of Reinforced Retaining Wall (L/S)	3218	Square meter
CW2	S00432LZ	K0280+(313)	K0280 +(036)	542	819	277	Road Widening	Road Widening/ Road Widening 2- 3 Lanes with Sidewalk and curb and gutter (L/S)	0.277	Lane Km
CW2	S00432LZ	K0280 + 430	K0280 + 445	1285	1300	15	Road Widening	Road Widening/ Road Widening 3- 4 Lanes with Sidewalk and curb and gutter (L/S)	0.015	Lane Km

## ANNEX A: Project Work Location Details for National Roads

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
CW2	S00432LZ	K0280 + 445	K0280 + 475	1300	1330	30	Road Widening	Road Widening/ Road Widening 2- 3 Lanes with Sidewalk and curb and gutter (L/S)	0.03	Lane Km
CW2	S00432LZ	K0280 + 475	K0280 + 720	1330	1575	245	Road Widening	Road Widening/ Road Widening 4- 5 Lanes with Sidewalk and curb and gutter (L/S)	0.245	Lane Km
CW2	S00432LZ	K0280 + 720	K0280 + 764	1575	1619	44	Road Widening	Road Widening/ Road Widening 3- 4 Lanes with Sidewalk and curb and gutter (L/S)	0.044	Lane Km
CW2	S00432LZ	K0280 + 764	K0280 + 870	1619	1725	106	Road Widening	Road Widening/ Road Widening 2- 3 Lanes with Sidewalk and curb and gutter (L/S)	0.106	Lane Km

## ANNEX A: Project Work Location Details for National Roads

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
CW2	S00432LZ	K0282 + 876	K0283 + 334	3743	4198	455	Road Widening	Road Widening/ Road Widening 3- 4 Lanes with Sidewalk and curb and gutter (R/S)	0.455	Lane Km
CW2	S00432LZ	K0283 + 334	K0283 + 454	4198	4318	120	Road Widening	Road Widening/ Road Widening 2- 3 Lanes with Sidewalk and curb and gutter (R/S)	0.12	Lane Km