



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



May 7, 2024

**MEMORANDUM**

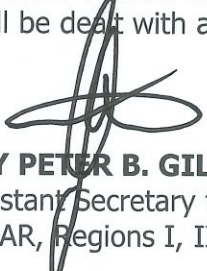
**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-CAR  
Engineer's Hill, Baguio City


**ATTENTION :** **RONALYN P. UBIÑA**  
District Engineer  
Apayao 2nd District Engineering Office  
San Isidro Sur, Luna, Apayao

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 - Tertiary Roads Apayao (Calanasan) - Ilocos Norte Rd - K0619 + **650** - K0619 + **800** - - - **₱30,760,000.00**

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.

  
**REY PETER B. GILLE, D.M.**  
Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

  
2.3 mksa/AVS/RPBG/ERP



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



March 19, 2024

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

This refers to the memorandum dated March 13, 2024 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer RONALYN P. UBIÑA, Apayao 2<sup>nd</sup> District Engineering Office**, for the **modification** of the project under FY 2024 GAA, to wit;

| As per GAA/Original   |                               |                 | As Modified   |  |                        |
|---|-------------------------------|-----------------|---|--|------------------------|
| Project Description   |                               |                 |   |  |                        |
| UACS No. 310109101509000<br>Project ID:P00800745LZ<br><br>OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads<br><br>Apayao (Calanasan)-Ilocos Norte Rd - K0619 + 670 - K0619 + 763 |                               |                 | OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads<br><br>Apayao (Calanasan) - Ilocos Norte Rd - K0619 + <b>650</b> - K0619 + <b>800</b> |  |                        |
| Type of Work/<br>Physical Target  | Unit Cost                     | Allocation      | Type of Work/<br>Physical Target  | Unit Cost  | Estimated Cost         |
| CW1-<br>Construction of Road Slope Protection Structure/<br>1,922.5 Square meters   | ₱ 15,680.00/<br>Square meters | ₱ 30,144,800.00 | CW1-<br>Construction of Road Slope Protection Structure /<br><b>1,895.96</b> Square meters  | ₱ <b>13,970.653</b> /<br>Square meters             | ₱ <b>26,487,800.00</b> |
|   |                               |                 | CW2-<br>Reconstruction to Concrete Pavement/<br>0.118 Lane KM   | ₱ 30,991,525.420/<br>Lane KM<br><b>₱62 M / km.</b> | ₱ <b>3,657,000.00</b>  |
| EAO   | —                             | ₱ 615,200.00    | EAO   | —  | ₱ 615,200.00           |
| Total:  |                               | ₱30,760,000.00  | Total:  |  | ₱30,760,000.00         |

**Justification:**

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

Adjustment / change on project limits is due to the worsened condition of road slips caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road.

- The slight decrease in physical target is due to the adjustment of the design height as well as adjustment on the positioning of the structures as per actual survey to address the critical section.

AG-10-202404-00752



**Project Modification of Allotment under the GAA Request Evaluation Form**

Date of Evaluation:

04/19/2024

|  |                              |  |
|--|------------------------------|--|
| <b>P/A/P 1 (001, 002, CSSP, LP):</b>   | <b>Appropriation Source:</b> | FY 2024 GAA                            |
| ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System                           | <b>UACS:</b>                 | 310109101509000                        |
| <b>P/A/P 2 (Program):</b>  | <b>Project ID:</b>           | P00800745LZ                            |
| Asset Preservation Program   | <b>Region:</b>               | Cordillera Administrative Region       |
| <b>P/A/P 3 (Sub-Program):</b>  | <b>Implementing Office:</b>  | Apayao 2nd District Engineering Office |
| Rehabilitation/ Reconstruction of Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads | <b>Appropriation (Php):</b>  | 30,760,000                             |

Name of Project per GAA:

Apayao (Calanasan)-Ilocos Norte Rd - K0619 + 670 - K0619 + 763

Implementing Office  
A Justification for Modification:

- Adjustment/ change on project limits is due to the worsened condition of road slips caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road
- The slight decrease in physical target is due to the adjustment of the design height as well as adjustment on the positioning of the structures as per actual survey to address the critical section
- Inclusion of Reconstruction to Concrete Pavement to address damage PCCP; high unit cost for CW2 (Reconstruction to Concrete Pavement) is due to massive earthworks,

A.1 ☒ Certificate of Reasonableness of Cost Estimate by: RD Khadaffy D. Tanggol, dated: March 07, 2024

**B. PER PLANNING SERVICE EVALUATION**

B.1 ☒ PROJECT MODIFICATION ON PROJECT DESCRIPTION

B.1.1 ☐ Typographical Error/s

B.1.3 ☒ Change in Station Limits

B.1.2 ☐ Change in Location (for non-existent locations only)

B.1.4 ☐ Addition/ Deletion of Word/s

B.2 ☒ PROJECT MODIFICATION/ADJUSTMENTS ON PROJECT COMPONENTS

B.2.1 ☒ Change in Targets

B.2.3 ☒ Change in Component Amount

B.2.2 ☐ Change in Scope of Work

B.2.3.1 ☒ Addition of Component (including excess amount)

B.2.3.2 ☐ Deletion of Component

B.2.3.3 ☒ Movement of Funds between Components

DPWH - OSFC  
**RECEIVED**  
MAY 03 2024  
By: 06926  
Control No. 06919  
IDTS No. 06919

**C. RESULTANT AFTER MODIFICATION**

C.1 ☐ Additional Project Component/s

C.2 Component/s:

| COMP | SCOPE OF WORK                                   |   | TARGET              |                      | INCREASE/ DECREASE (%) |           |
|------|---|---|---------------------|----------------------|------------------------|-----------|
|      | FROM  | TO  | FROM                | TO                   | Unit Cost              | Target    |
| CW1  | Construction of Road Slope Protection Structure | Construction of Road Slope Protection Structure | 1,922.50 sq. meters | 1,895.960 sq. meters | -10.90%                | -1.38%    |
| CW2  | -   | Reconstruction to Concrete Pavement             | -                   | 0.118 lane km        | 47.34%                 | -32.13% * |
| CW3  | -   | -   | -                   | -                    | -                      | -         |
| CW4  | -   | -   | -                   | -                    | -                      | -         |

**D. AS EVALUATED**

D.1 ☒ ALLOWED as per the GAA Provisions

D.2 ☐ NOT ALLOWED as per the GAA Provisions

D.3 Remarks (to be filled-up by Planning Service):

- CW1 - Unit Cost and Targets Decreased simultaneously due to the movement of funds between components
- Additional CW2 (Reconstruction to Concrete Pavement) is 47.32% higher compared to BOC Unit Cost
- Station Limits with Straight-Line Diagram Provided

Evaluated By:

ALEX G. BOTE  
Director, Planning Service

Noted By:

CONSTANTE A. LLANES JR., CESO III  
Assistant Secretary, Planning Service

**E. Approving Authority as per latest Approved Guidelines on Modification of Allotment under the GAA**

E.1 ☒ Secretary

E.2 ☐ Undersecretary for Operations

☒ Recommended for Approval  
Remarks:

MARIA CATALINA E. CABRAL, CESO I, Ph.D.  
Undersecretary for Planning and PPP Services

- The decrease in the unit cost of the CW1 - Construction of Road Slope Protection Structure was based on actual computed DUPA/POW/ABC needed for the Double Crib wall, Gravity Wall and Retaining Wall structures.
- Inclusion of CW2 -Reconstruction to Concrete Pavement (280mm thickness) to address damage PCCP. The high unit cost for CW2 (Reconstruction to Concrete Pavement) is due to massive earthworks, improvement of off-carriageway such as paving of shoulders, provision of curb and gutter, reflectorized thermoplastic pavement markings (white and yellow), hazard markers and concrete barrier for safety.

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, Planning & Design, Construction and Maintenance Division Chief).

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

  
**REY PETER B. GILLE, D.M.**

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

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

**APPROVED/~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

2.3 mksa/MLS/AVS/RPBG/ERP

Department of Public Works and Highways  
Office of the Secretary



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



March 19, 2024

**MEMORANDUM**

**FOR :** **MANUEL M. BONOAN**  
Secretary  
This Department

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|---|----------------------------|-----------------------|---|------------------------------------|------------------------|
| Project Description   |                            |                       |   |                                    |                        |
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| Type of Work/ Physical Target   | Unit Cost                  | Allocation            | Type of Work/ Physical Target   | Unit Cost                          | Estimated Cost         |
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|   |                            |                       | <b>CW2- Reconstruc tion to Concrete Pavement/ 0.118 Lane KM</b>   | ₱ <b>30,991,525.420/ Lane KM</b>   | ₱ <b>3,657,000.00</b>  |
| EAO   | –                          | ₱ 615,200.00          | EAO   | –                                  | ₱ 615,200.00           |
| Total:  |                            | <b>₱30,760,000.00</b> | Total:  |                                    | <b>₱30,760,000.00</b>  |

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Assistant Secretary for Regional Operations  
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**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning and  
Public-Private Partnership Services

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

**APPROVED/~~DISAPPROVED~~:**

  
**MANUEL M. BONOAN**  
Secretary

  
2.3 mksa/MLS/AVS/RPBG/ERP





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



March 13, 2024

**MEMORANDUM**

**FOR : MANUEL M. BONOAN**  
Secretary

**THRU : EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
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 - Tertiary Roads - Apayao (Calanasan) - Ilocos Norte Rd - K0619 + 670 - K0619 + 763**

We are respectfully forwarding the Memorandum dated March 7, 2024 from District Engineer Ronalyn P. Ubiña, Apayao 2<sup>nd</sup> District Engineering Office, regarding the modification of the above project in the amount of **Thirty Million Seven Hundred Sixty Thousand Pesos (Php 30, 760,000.00)** as indicated below:

|                 | FROM  | TO  |
|-----------------|---|---|
| Project ID      | P00800745LZ   |   |
| Project Title   | ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Apayao (Calanasan)-Ilocos Norte Rd - K0619 + <b>670</b> - K0619 + <b>763</b> | ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads - Apayao (Calanasan) - Ilocos Norte Rd - K0619 + <b>650</b> - K0619 + <b>800</b> |
| Type of Work    | CW1 - Construction of Road Slope Protection Structure   | CW1 - Construction of Road Slope Protection Structure<br><b>CW2 - Reconstruction to Concrete Pavement</b>   |
| Physical Target | CW1 - <b>1,922.5</b> Square Meters  | CW1 - <b>1,895.96</b> Square Meters<br><b>CW2 - 0.118 Lane KM</b>   |
| Allocation      | Php 30,760,000.00   | Php 30,760,000.00   |

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

CAR.1 LMC/EFD/JWC/ABM





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



March 13, 2024

**MEMORANDUM**

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Undersecretary for Regional Operations  
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For the consideration of the Secretary.

  
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Regional Director

CAR.1 LMC/EFD/JWC/ABM



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DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
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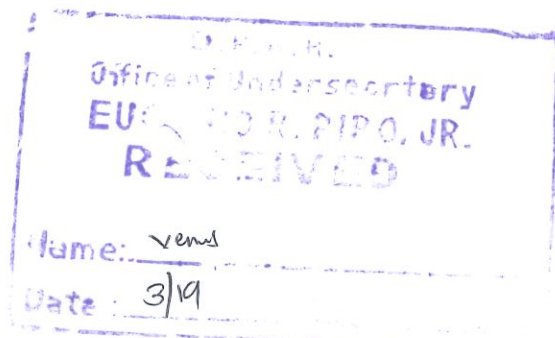
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For the consideration of the Secretary.

**KHADAFFY D. TANGGOL**  
Regional Director

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Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**APAYAO 2<sup>ND</sup> DISTRICT ENGINEERING OFFICE**  
San Isidro Sur, Luna, Apayao, Cordillera Administrative Region



March 7, 2024

**MEMORANDUM**

**FOR :** **KHADAFFY D. TANGGOL, CESO IV**  
Regional Director

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

**SUBJECT :** **Request for the Modification of the CY 2024 Project:**  
**ORGANIZATIONAL OUTCOME 1: Ensure Safe and Reliable**  
**National Road System - Asset Preservation - Rehabilitation/**  
**Reconstruction of National Roads with Slips, Slope Collapse,**  
**and Landslide - Tertiary Roads - Apayao (Calanasan)-Ilocos**  
**Norte Rd - K0619 + 670 - K0619 + 763**

Respectfully submitted is the request for the modification of the above project in the amount of **PHP 30,760,000.00**, with details indicated below.

|                 | <b>FROM</b>  | <b>TO</b>   |
|-----------------|--|---|
| Project Title   | Apayao (Calanasan)-Ilocos Norte Rd - K0619 + <b>670</b> - K0619 + <b>763</b> | Apayao (Calanasan) - Ilocos Norte Rd - K0619 + <b>650</b> - K0619 + <b>800</b>                            |
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| Physical Target | CW1 – <b>1,922.5</b> Square Meters   | CW1 – <b>1,895.96</b> Square Meters<br><b>CW2 - 0.118 Lane KM</b>   |

Attached are the supporting documents based on D.O No. 23, Series of 2023, "Amended Guidelines on Modification of Allotment under General Appropriation Act (GAA)".

For your perusal,

**RONALYN P. UBIÑA**  
District Engineer

CAR.11.1 JAD/HDU/HCH



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**APAYAO 2<sup>ND</sup> DISTRICT ENGINEERING OFFICE**  
San Isidro Sur, Luna, Apayao, Cordillera Administrative Region



March 7, 2024

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Regional Director

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

**SUBJECT :** **Request for the Modification of the CY 2024 Project:**  
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| Project Title   | Apayao (Calanasan)-Ilocos Norte Rd - K0619 + <b>670</b> - K0619 + <b>763</b> | Apayao (Calanasan) - Ilocos Norte Rd - K0619 + <b>650</b> - K0619 + <b>800</b>                            |
| Type of Work    | CW1 - Construction of Road Slope Protection Structure                        | CW1 - Construction of Road Slope Protection Structure<br><b>CW2 - Reconstruction to Concrete Pavement</b> |
| Physical Target | CW1 – <b>1,922.5</b> Square Meters   | CW1 – <b>1,895.96</b> Square Meters<br><b>CW2 - 0.118 Lane KM</b>   |

Attached are the supporting documents based on D.O No. 23, Series of 2023, "Amended Guidelines on Modification of Allotment under General Appropriation Act (GAA)".

For your perusal,

**RONALYN P. UBIÑA**  
District Engineer

CAR.11.1 JAD/HDU/HCH



**CHECKLIST**  
**PROJECT MODIFICATION**

Implementing Office : **Apayao Second District Engineering Office**  
Project Name/Location : **OO1: Ensure Safe and Reliable National Road System - Asset Preservation -Rehabilitation**  
**/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads -**  
**Apayao (Calanasan)-Ilocos Norte Rd - K0619 + 670 - K0619 + 763**  
Project ID : **P008007451Z** ✓ UACS Code : **310109101509000** ✓  
Project Allocation : **Php 30,760,000.00** ✓

- ☒ **1. Modification Request Form**
- ☐ **2. AIP**
- ☒ **3. Certificate of Availability of Funds**
- ☐ **4. Supporting Data & Analysis**
- ☐ a. Road Condition (RBIA Latest Official Database )
- ☐ b. Traffic Volume Capacity Ratio (for Widening Projects )
- ☐ c. Bridge Condition (BMS Latest Official Database )
- ☐ d. Hydraulic & Hydrologic Analysis (for New/Replacement Bridges and Flood Control Projects )
- ☒ e. RSM Forms (for Road Slips )
- ☐ f. Project Impact Analysis (for Flood Control Projects )
- ☐ g. Master Plan (for Flood Control Projects )
- ☒ **5. BP 202**
- ☐ **6. Geotagged Photos**
- ☒ a. Hard Copy
- ☒ b. Electronic Copy
- ☒ c. Plotted in the GIS Map
- ☐ **7. Certificate of No Overlapping**
- ☒ a. District Engineer
- ☐ b. Construction and Maintenance Division Chiefs
- ☐ **8. ROW Clearance**
- ☒ a. District Engineer
- ☐ b. LGU
- ☐ **9. Environmental Clearances**
- ☒ a. Not Within a "No Build Zone" (MGB )
- ☐ b. Tree Cutting Permit (If Applicable-EMB )
- ☒ c. CNC/ECC/EIA (EMB )
- ☐ **10. Social Clearance (not within a Declared Heritage/Cultural Site-NCCA )**
- ☒ **11. Certificate of Reasonableness (for Projects with Changes in Unit Cost )**
- ☐ **12. Project Details**
- ☒ a. POW
- ☒ b. DUPA
- c. Plans
- ☒ 1. Coverpage
- ☐ 2. Summary of Quantities
- ☐ 3. Cross Section Showing Changes (if Applicable )
- ☒ d. Materials Source Map
- ☐ **13. Certificate of Local Government Unit**
- ☐ **14. Certificate as to DPWH Plans and Specifications**

Checked by:

  
**HOMERO C. HERMOSURA**

Engineer III  
Chief, Planning and Design Section

**CHECKLIST**  
**PROJECT MODIFICATION**

Implementing Office : **Apayao Second District Engineering Office**  
Project Name/Location : **OO1: Ensure Safe and Reliable National Road System - Asset Preservation -Rehabilitation**  
**/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads -**  
**Apayao (Calanasan)-Ilocos Norte Rd - K0619 + 670 - K0619 + 763**  
Project ID : **P00800745LZ** UACS Code : **310109101509000**  
Project Allocation : **Php 30,760,000.00**

- ☐ **1. Modification Request Form**
- ☐ **2. AIP**
- ☐ **3. Certificate of Availability of Funds**
- ☐ **4. Supporting Data & Analysis**
- ☐ a. Road Condition (RBIA Latest Official Database )
- ☐ b. Traffic Volume Capacity Ratio (for Widening Projects )
- ☐ c. Bridge Condition (BMS Latest Official Database )
- ☐ d. Hydraulic & Hydrologic Analysis (for New/Replacement Bridges and Flood Control Projects )
- ☐ e. RSM Forms (for Road Slips )
- ☐ f. Project Impact Analysis (for Flood Control Projects )
- ☐ g. Master Plan (for Flood Control Projects )
- ☐ **5. BP 202**
- ☐ **6. Geotagged Photos**
- ☐ a. Hard Copy
- ☐ b. Electronic Copy
- ☐ c. Plotted in the GIS Map
- ☐ **7. Certificate of No Overlapping**
- ☐ a. District Engineer
- ☐ b. Construction and Maintenance Division Chiefs
- ☐ **8. ROW Clearance**
- ☐ a. District Engineer
- ☐ b. LGU
- ☐ **9. Environmental Clearances**
- ☐ a. Not Within a "No Build Zone" (MGB )
- ☐ b. Tree Cutting Permit (If Applicable-EMB )
- ☐ c. CNC/ECC/EIA (EMB )
- ☐ **10. Social Clearance (not within a Declared Heritage/Cultural Site-NCCA )**
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- ☐ 3. Cross Section Showing Changes (if Applicable )
- ☐ d. Materials Source Map
- ☐ **13. Certificate of Local Government Unit**
- ☐ **14. Certificate as to DPWH Plans and Specifications**

Checked by:

**ERLINDA F. DOLIENTE**  
Engineer III  
Chief, Planning and Design Division



## Modification Request Form

| A. GENERAL  |  |   |   |  |  |  |   |
|---|--|---|---|--|--|--|---|
| <b>1. REGION</b><br>Cordillera Administrative Region  |  | <b>2. DEO</b><br>Apayao 2 <sup>nd</sup> District Engineering Office |   |  | <b>3. LEGISLATIVE DISTRICT</b><br>Apayao (Lone District) |  |   |
| B. ORIGINAL PROJECT   |  |   |   | C. PROPOSED REVISED PROJECT  |  |  |   |
| <b>4. UACS</b> (Unified Account Code Structure as defined in GAA)<br>310109101509000  |  |   |   |  |  |  |   |
| <b>5. Project Id</b><br>P00800745LZ   |  |   |   |  |  |  |   |
| <b>6. Project Category</b><br>OO1: Ensure Safe and Reliable National Road System  |  |   |   |  |  |  |   |
| <b>7. Sub-Program (P/A/P)</b><br>Asset Preservation - Rehabilitation/ Reconstruction of National Roads with Slips, Slope Collapse, and Landslide - Tertiary Roads |  |   |   |  |  |  |   |
| <b>8. Operating Unit</b><br>Apayao 2 <sup>nd</sup> District Engineering Office  |  |   |   | <b>18. Operating Unit</b> (Change subject to DBM approval)<br>Apayao 2 <sup>nd</sup> 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  |  | Reconstruction to Concrete Pavement  |   |
| <b>10. PROJECT DESCRIPTION</b> (as recorded in GAA)<br>Apayao (Calanasan)-Ilocos Norte Rd - K0619 + <b>670</b> - K0619 + <b>763</b>                               |  |   |   | <b>20. PROJECT DESCRIPTION</b> (of the revised project)<br>Apayao (Calanasan) - Ilocos Norte Rd - K0619 + <b>650</b> - K0619 + <b>800</b>  |  |  |   |
| <b>11. ALLOTMENT (P'000)</b> (as recorded in GAA)<br>30,760   |  |   |   | <b>21. REVISED ESTIMATED COST (P'000)</b> (Equal to, or lower than GAA allotment)<br>30,760  |  | <b>22. CAF</b> (To be obtained from Financial Management office)<br><input 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   |  | 1,922.5   | Square Meters (m2)                          | CW1  |  | 1,895.96   | Square Meters (m2)                          |
|   |  |   |   | CW2  |  | 0.118  | Lane Km                                     |
| <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   |  | 30,144.80   | 15.680 / Square meters                      | CW1  |  | 26,487.80  | 13.971 / Square meters                      |
| EAO   |  | 615.20  |   | CW2  |  | 3,657  | 30,991.525 / Lane KM                        |
|   |  |   |   | EAO  |  | 615.20   |   |
| <b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014)<br>Click here to enter text.                                       |  |   |   | <b>25. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1)<br>Click here to enter text. |  |  |   |
| <b>Start X</b>  |  | 120.97428   | <b>End X</b>                                | 120.97359  | <b>Start X</b>   |  | 120.97443                                   |
| <b>Start Y</b>  |  | 18.44677  | <b>End Y</b>                                | 18.44629   | <b>Start Y</b>   |  | 18.44688                                    |
|   |  |   |   |  | <b>End X</b>   |  | 120.97336                                   |
|   |  |   |   |  | <b>End Y</b>   |  | 18.44614                                    |

## Modification Request Form

|   |  |   |  |
|---|--|---|--|
| <b>15. ROAD CLASSIFICATION</b> (if applicable)<br>Tertiary  |  | <b>26. ROAD CLASSIFICATION</b> (if applicable)<br>Tertiary  |  |
| <b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project)<br>Apayao 2 <sup>nd</sup> District Engineering Office |  | <b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project)<br>Apayao 2 <sup>nd</sup> District Engineering Office |  |
| <b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>  |  | <b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>  |  |
| <b>Planned Start Date</b><br>April 8, 2024  | <b>Planned End Date</b><br>December 24, 2024 | <b>Planned Start Date</b><br>April 8, 2024  | <b>Planned End Date</b><br>December 24, 2024 |
| <b>29. OVERLAP?</b><br><input type="checkbox"/> NO <input type="checkbox"/> YES   |  | <b>30. UNDER WARRANTY?</b><br><input type="checkbox"/> NO <input type="checkbox"/> 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)

- Adjustment / change on project limits is due to the worsened condition of road slips caused by continuous downpour of rain that necessitate immediate slope protection structure to stabilize the road.
- The slight decrease in physical target is due to the adjustment of the design height as well as adjustment on the positioning of the structures as per actual survey to address the critical section.
- The decrease in the unit cost of the CW1 - Construction of Road Slope Protection Structure was based on actual computed DUPA/POW/ABC needed for the Double Crib wall, Gravity Wall and Retaining Wall structures.
- Inclusion of CW2 - Reconstruction to Concrete Pavement (280mm thickness) to address damage PCCP. The high unit cost for CW2 (Reconstruction to Concrete Pavement) is due to massive earthworks, improvement of off-carriageway such as paving of shoulders, provision of curb and gutter, reflectorized thermoplastic pavement markings (white and yellow), hazard markers and concrete barrier for safety.

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), BP202, 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





## Modification Request Form

### 35. PREPARED BY:

|                |   |                  |             |
|----------------|---|------------------|-------------|
| <b>Name:</b>   | <br>HENDRICK D. UCOL | <b>Position:</b> | Engineer II |
| <b>Office:</b> | Planning and Design Section   | <b>Date:</b>     | 3/6/2024    |



### 36. REVIEWED BY DISTRICT OFFICE (If Required)

### 38. REVIEWED BY REGIONAL OFFICE

|                  |  |                  |   |
|------------------|--|------------------|---|
| <b>Name:</b>     | <br>HOMERO C. HERMOSURA | <b>Name:</b>     | <br>ANGELITA B. MABITAN |
| <b>Position:</b> | Chief, Planning and Design Section   | <b>Position:</b> | Chief, Planning and Design Division   |
| <b>Date:</b>     | 3/6/2024   | <b>Date:</b>     |   |

### 37. RECOMMENDED BY DISTRICT OFFICE (If Required)

### 39. RECOMMENDED BY REGIONAL OFFICE

|                  |   |                  |   |
|------------------|---|------------------|---|
| <b>Name:</b>     | <br>RONALYN P. UBIÑA | <b>Name:</b>     | <br>KHADAFFY D. TANGGOL |
| <b>Position:</b> | District Engineer   | <b>Position:</b> | Regional Director   |
| <b>Date:</b>     | 3/6/2024  | <b>Date:</b>     |   |

## Modification Request Form

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

310109101509000

**Project Id**

P00800745LZ

### 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<br><input type="checkbox"/> Change in Station Limits<br><input type="checkbox"/> Change in Physical Target | <input type="checkbox"/> No such Barangay<br><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<br><input type="checkbox"/> 20% or less increase in unit cost<br><input type="checkbox"/> > 20% increase in unit cost |

Reviewed by Office of the Undersecretary for Operations

|                   |   |                   |   |
|-------------------|---|-------------------|---|
| <b>Name:</b>      | ENGR. MANUEL L. SINGSON   | <b>Name:</b>      | ENGR. ANTONIO V. SOBREVÍÑAS, JR.  |
| <b>Signature:</b> |  | <b>Signature:</b> |  |
| <b>Position:</b>  | Project Manager I   | <b>Position:</b>  | Project Manager II  |
| <b>Date:</b>      | 3/19/24   | <b>Date:</b>      | 3/19/24   |

### 41. DPWH PLANNING SERVICE

|   |  |
|---|--|
| <b>Category of Modification</b><br>(please check the appropriate) | <input type="checkbox"/> Category A – Typographical Error<br><input type="checkbox"/> Category B – Change in Station Limits<br><input type="checkbox"/> Category C – Change in Location, due to non-existing location<br><input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval)<br><input type="checkbox"/> Modification does not comply with DBM Categories |
|---|--|

Reviewed by Planning Service

|                   |   |                   |  |
|-------------------|---|-------------------|--|
| <b>Name:</b>      | ENGR. ANNA ANDREA M. NOCHE  | <b>Name:</b>      | ENGR. 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>      | 04.19.24  | <b>Date:</b>      |  |



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

| Component ID | Section ID | Start Limit<br>LRP + Disp | End Limit<br>LRP + Disp | Start<br>Chainage | End<br>Chainage | Length<br>(m) | Type of Work  | Detail Scope of Work   | Target<br>Unit   | Physical<br>Target |
|--------------|------------|---------------------------|-------------------------|-------------------|-----------------|---------------|---|--|------------------|--------------------|
| CW1          | S00625LZ   | K0619 + 650               | K0619 + 664             | 12029             | 12043           | 14            | Construction of Road<br>Slope Protection<br>Structure | Gravity Wall Structure<br>(R/S) including Drainage<br>structures   | Square<br>meters | 42                 |
| CW1          | S00625LZ   | K0619 + 664               | K0619 + 670             | 12043             | 12049           | 6             | Construction of Road<br>Slope Protection<br>Structure | Gravity Wall Structure<br>(R/S) and Retaining Wall<br>Structure (L/S) including<br>Drainage structures       | Square<br>meters | 48                 |
| CW1          | S00625LZ   | K0619 + 670               | K0619 + 764             | 12049             | 12143           | 94            | Construction of Road<br>Slope Protection<br>Structure | Double Crib Wall<br>Structure (L/S) and<br>Gravity Wall Structure<br>(R/S) including Drainage<br>structures  | Square<br>meters | 1,676.96           |
| CW1          | S00625LZ   | K0619 + 764               | K0619 + 794             | 12143             | 12173           | 30            | Construction of Road<br>Slope Protection<br>Structure | Gravity Wall Structure<br>(R/S) including Drainage<br>structures   | Square<br>meters | 90                 |
| CW1          | S00625LZ   | K0619 + 794               | K0619 + 797             | 12173             | 12176           | 3             | Construction of Road<br>Slope Protection<br>Structure | Gravity Wall Structure<br>(R/S) and Retaining Wall<br>Structure (L/S) including<br>Drainage structures       | Square<br>meters | 24                 |
| CW1          | S00625LZ   | K0619 + 797               | K0619 + 800             | 12176             | 12179           | 3             | Construction of Road<br>Slope Protection<br>Structure | Retaining Wall Structure<br>(L/S) including Drainage<br>structures   | Square<br>meters | 15                 |
| CW2          | S00625LZ   | K0619 + 665.5             | K0619 + 765.5           | 12044.5           | 12144.5         | 100           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.1045             |
| CW2          | S00625LZ   | K0619 + 710.5             | K0619 + 715             | 12089.5           | 12094           | 4.5           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.0045             |
| CW2          | S00625LZ   | K0619 + 795.5             | K0619 + 800             | 12174.5           | 12179           | 4.5           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.009              |

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

| Component ID | Section ID | Start Limit<br>LRP + Disp | End Limit<br>LRP + Disp | Start<br>Chainage | End<br>Chainage | Length<br>(m) | Type of Work  | Detail Scope of Work   | Target<br>Unit   | Physical<br>Target |
|--------------|------------|---------------------------|-------------------------|-------------------|-----------------|---------------|---|--|------------------|--------------------|
| CW1          | S00625LZ   | K0619 + 650               | K0619 + 797             | 12029             | 12176           | 147           | Construction of Road<br>Slope Protection<br>Structure | Gravity Wall Structure<br>(R/S) including Drainage<br>structures   | Square<br>meters | 441                |
| CW1          | S00625LZ   | K0619 + 664               | K0619 + 670             | 12043             | 12049           | 6             | Construction of Road<br>Slope Protection<br>Structure | Retaining Wall Structure<br>(L/S) including Drainage<br>structures   | Square<br>meters | 30                 |
| CW1          | S00625LZ   | K0619 + 794               | K0619 + 800             | 12173             | 12179           | 6             | Construction of Road<br>Slope Protection<br>Structure | Retaining Wall Structure<br>(L/S) including Drainage<br>structures   | Square<br>meters | 30                 |
| CW1          | S00625LZ   | K0619 + 670               | K0619 + 764             | 12043             | 12143           | 94            | Construction of Road<br>Slope Protection<br>Structure | Double Crib Wall<br>Structure (L/S) including<br>Drainage structures   | Square<br>meters | 1,394.96           |
| CW2          | S00625LZ   | K0619 + 665.5             | K0619 + 765.5           | 12044.5           | 12144.5         | 100           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.1045             |
| CW2          | S00625LZ   | K0619 + 710.5             | K0619 + 715             | 12089.5           | 12098.5         | 4.5           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.0045             |
| CW2          | S00625LZ   | K0619 + 795.5             | K0619 + 800             | 12174.50          | 12179           | 4.5           | Reconstruction to<br>Concrete Pavement                | Reconstruction to<br>Concrete Pavement<br>(280mm Thickness PCCP)<br>including off-carriageway<br>improvement | Lane KM          | 0.009              |



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

[illegible]