



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

June 14, 2023

**MEMORANDUM**

**TO :** **REYNALDO C. ALCONCEL**  
OIC-Regional Director  
DPWH-Region II  
Tuguegarao City, Cagayan

**ATTENTION :** **EVELYN C. COSTALES**  
District Engineer  
Isabela 4<sup>th</sup> District Engineering Office  
Quezon, San Isidro, Isabela

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

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Construction/ Upgrading/ Rehabilitation of Drainage along National Roads - Primary Roads Santiago - Tuguegarao Rd - K0330+215 - **K0331+310** - - - **₱50,000,000.00**

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



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

May 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 18 April 2023 of **DPWH Region II OIC-Regional Director REYNALDO C. ALCONCEL**, endorsing the request of **District Engineer EVELYN C. COSTALES, Ph.D., Isabela 4<sup>th</sup> District Engineering Office**, for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
UACS No. 310110100386000 Project ID: P00712075LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation – Construction/ Upgrading/ Rehabilitation of Drainage along National Roads – Primary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation – Construction/ Upgrading/ Rehabilitation of Drainage along National Roads – Primary Roads		
Santiago – Tuguegarao Rd – K0330+215 – K0331+757			Santiago – Tuguegarao Rd – K0330+215 – <b>K0331+310</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Construction of Drainage Structure along Road: 3,084 lm	₱ 15,888.46/ lm	₱49,000,000.00	CW1- Construction of Drainage Structure along Road: <b>2,190</b> lm	<b>₱15,307.41/</b> lm	<b>₱33,523,235.00</b>
-	-	-	CW2- Off-Carriageway Improvement: Shoulder Paving / Construction: 5,475 sq.m.	₱ 2,826.81/ sq.m.	<b>₱15,476,765.00</b>
EAO	–	₱1,000,000.00	EAO	–	₱1,000,000.00
Total:		<b>₱50,000,000.00</b>	Total:		<b>₱50,000,000.00</b>

**Justification:**

The decrease in unit cost/decrease in physical target CW1- Construction of Drainage Structure along Road, from 3,084 lineal meters to 2,190 lineal meters was due to:

- Decrease in unit cost/physical target of CW1 is due to the inclusion of CW2 - Off-Carriageway Improvement: Shoulder Paving / Construction (2.5m width), 0.30m thick, on both sides along the length of the project. CW2 will be made out of Surface Courses - Portland Cement Concrete Pavement (Unreinforced), 0.30m thick/14days, Subbase and Base course, comprised 31.585% of the total direct cost of the project. The unit cost of CW2 includes the cost for relocation of affected electric utilities.
- CW1 – Construction of Drainage Structure along Road, comprised Pipe Culverts, 910mm diameter, Class "II", RCPC that will cover 65.587% of the total direct cost of the project, the proposed drainage system also includes curb and gutter, and sidewalk at both sides.
- Inclusion of CW2 - (Paving of shoulder 2.5m width) was made to adopt the standard design of highways and bridges.

Attached are the following supporting documents: GIS Map of the Proposed Project Work Location. Certificate of Availability of Funds (CAF). HP 202, Certificate of Reasonableness of Cost Estimate, Certificate of No Overlapping" and "Not Within Warranty Period", Geotagged Photographs, Approved Program of Works (POW), and Detailed Engineering Design (DED) Plan.

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

2.3 mksa/MLS/AVS/AGC/ERP