



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



May 20, 2025

**MEMORANDUM**

**FOR**

**Secretary MANUEL M. BONOAN**  
This Department

This refers to the memorandum dated May 13, 2025 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, endorsing the request of **District Engineer ISAGANI C. CAYME, Benguet 1<sup>st</sup> District Engineering Office**, for the **modification** of the project under FY 2025 GAA, to wit;

As per GAA/Original			Project Description		As Modified
<b>UACS No. 310104100888000</b> <b>Project ID: P00915518LZ</b>					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads Baguio-Bauang Rd -K0291 + 150 - K0291 + 460			OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads Baguio-Bauang Rd -K0291 + 150 - K0291 + 480		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Reconstruction to Concrete Pavement / 0.620 Lane Km EAO	₱ 25,890,967.7419/ Lane Km	₱ 16,052,400.00	CW1- Rehabilitation of Paved Road / 0.660 Lane Km EAO	₱ 24,321,818.1818 / Lane Km <i>₱ 48.6 M/km</i>	₱ 16,052,400.00
<b>Total:</b>		<b>₱ 327,600.00</b>	<b>Total:</b>		<b>₱ 327,600.00</b>
<b>Total:</b>		<b>₱ 16,380,000.00</b>	<b>Total:</b>		<b>₱ 16,380,000.00</b>

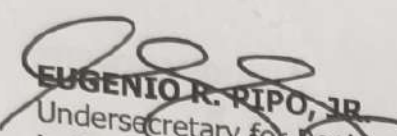
**Justification:**

Change in type of work from CW1 - Reconstruction to Concrete Pavement to CW1 - Rehabilitation of Paved Road and increase in physical target from 0.620 Lane Km to 0.660 Lane Km are due to the following:

- Section K0291 + 150 to K0291 + 480 includes a sinking area that has, over time damage the paved road. The revised physical target covers the specific stations that require reconstruction due to the recent typhoons and heavy rainfall, which have further extended the damage to the existing PCCP. See attached Straight Line Diagram (SLD).
- Originally the proposed type of work was Reconstruction to Concrete Pavement but was changed to Rehabilitation of Paved Road due to the present condition of the section which has a Bad condition based on actual site survey which is duly certified by the District RBIA Coordinator due to presence of shattered slabs, transverse cracks and severe wearing on the existing PCCP.
- 100mm. thick Hot-Laid Asphalt Mix with geotextile is proposed due to the heavy traffic along the Baguio-Bauang Road, a Primary Road and main thoroughfare leading to the town proper.
- Moreover, other materials such as Separation Geotextile with drainage is introduced after the well-compacted embankment fill to serve as barrier between the compacted fill and aggregate subbase course. It has the capability to move soil moisture and dissipate it sideways horizontally even under saturated soil conditions. While PET Geogrid widely known as Geotextile is also introduced after the 150mm. Aggregate Subbase Course for additional tensile strength of the soil where the proposed 100mm. thick Hot-Laid Asphalt Mix will be applied.
- Other structures include the application of Bituminous Tack Coat, Underdrain for the Separation Geotextile and Curb and Gutter along mountain side.

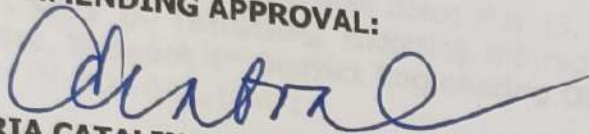
Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, GIS Map and Certification of No overlapping (Certified by the District Engineer,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

  
**EUGENIO R. PIPO, JR.**

Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

**RECOMMENDING APPROVAL:**



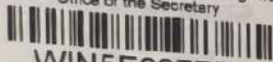
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning  
and Public-Private Partnership Services

**APPROVED/DISAPPROVED:**

  
**MANUEL M. BONOAN**

Secretary  
This Department

Department of Public Works and Highways  
Office of the Secretary



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