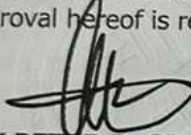


- Inclusion of Macro Synthetic Fiber used as additive to PCCP as per D.O 29 series of 2019 which involves Item 311(7)a4 – Portland Cement Concrete Pavement with Elasto Barchip-Synthetic Fibers with 280mm thickness and a width of 6.70 meters to provide improved flexural ductility and toughness, abrasion, impact resistance, impedes crack development, slows crack growth and increased load capacity in pavements. It creates concrete composites that are more durable than plain concrete and reduce spalling at contraction joints.
- Removal of existing 50mm thick ACP and 230mm thick PCCP (carriageway width of 6.10 meters, a length of 1,644.40 meters).
- Change in the project limits to prioritize road segments based on the severity of damage such as several shattered slabs and severe scaling. (See attached Final Road Condition Data and Straight Line Diagram)
- The unit cost has been evaluated and reviewed by the Bureau of Construction (BOC). See attached evaluation dated May 20, 2024.

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

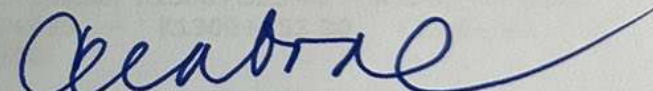
  
**REY PETER B. GILLE, D.M.**

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

**RECOMMENDING APPROVAL:**

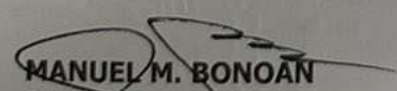
  
**EUGENIO R. PIRO, JR.**

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

  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**

Undersecretary for Planning and  
Public-Private Partnership Services

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

  
**MANUEL M. BONOAN**

Secretary

Department of Public Works and Highways  
Office of the Secretary



WIN4E03450

2.3 aap/AVS/RPBG/ERP

Website: <https://www.dpwh.gov.ph>

Tel. No(s): 5304-3000 / (02) 165-02





May 21, 2024

## MEMORANDUM

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

This refers to the memorandum dated April 16, 2024 of **DPWH Region XIII Director POL M. DELOS SANTOS, CESO IV**, endorsing the request of **District Engineer WEALTHO M. MERILLANA**, Agusan del Sur 1<sup>st</sup> District Engineering Office, for the **modification** of the project under FY 2024 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No. 310105101067000 ✓</b> <b>Project ID: P00801213MN. ✓</b>  ORGANIZATIONAL OUTCOME 1 : Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads. ✓  NJR Bah-Bah-Talacogon Rd - K1307 + 000 - K1308 + 894, K1309 + 423 - K1310 + 006			ORGANIZATIONAL OUTCOME 1 : Asset Preservation - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads.  NJR Bah-Bah-Talacogon Rd - <b>K1304+672 - K1304+766, K1304+840.50 - K1305+000, K1306+599 - K1306+702, K1307+812.90 - K1308+239.50, K1308+313.40 - K1308+475.40, K1309+036 - K1309+153.30, K1309+423 - K1310+006.</b>		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Roads : 4.894 Lane Km	₱11,317,158.77/ Lane km	₱55,386,175.00	CW1- Rehabilitation of Paved Road: <b>3.14</b> Lane km	<b>₱17,638,909.24/ Lane km</b> <b>₱35.2 M/km.</b>	₱55,386,175.00
EAO	-	₱2,008,825.00	EAO	-	₱2,008,825.00
Total:		<b>₱57,395,000.00</b>	Total:		<b>₱57,395,000.00</b>
<b>Justification:</b>  • Increase in unit cost/decrease in physical target by 1.754 lane kilometers (from 4.894 Lane km to 3.14 Lane km) due to the substantial volume of Earthworks and Surface Courses which is 8.33% and 77.46% respectively of the total direct cost.					