



07 MAY 2018

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

MEMORANDUM

FOR : Secretary MARK A. VILLAR  
Secretary  
This Department

This refers to the Memorandum dated 18 April 2018 of **DPWH Region XI Regional Director ALLAN S. BORRAMEO, CESO IV**, endorsing the request of OIC-District Engineer Cynthia Grace C. Tiu, Davao Oriental 2<sup>nd</sup> DEO, for the approval of the Modification of the hereunder project for FY 2018 General Appropriation Act (GAA), to wit:

As per GAA/Original			As Modified		
Project Description					
UACS No. 310204100188000 Project ID: P00200411MN					
OO1: Ensure Safe and Reliable National Road System			OO1: Ensure Safe and Reliable National Road System		
Network Development - Construction of Bypass and Diversion Roads			Network Development - Construction of Bypass and Diversion Roads		
Mapantad-Tagbobolo-Taguibo Road, incl. Slope Protection, Davao Oriental			Mapantad-Tagbobolo-Taguibo Road, Davao Oriental		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW-1 – Construction of Concrete Road: 8.000 Lane Km	P 5,790.00/ Lane Km	P 46,320.00	CW-1 – Construction of Concrete Road: 6.040 Lane Km	P 8,787.25/ Lane Km	P 53,075.00
CW-2 – Construction of Slope Protection Structure: 3,500.00 sq. m.	P 1.93/ sq. m.	P 6,755.00	EAO	-	P 1,925.00
EAO	-	P 1,925.00			
Total:		P 55,000.00	Total:		P 55,000.00
<b>Justification:</b> Decrease in physical target for construction of concrete road from 8.000 lane km to 6.040 lane km were due to the following: <ul style="list-style-type: none"><li>The road section for concreting runs on a rolling terrain (huge volume of common excavation) which traverses mostly ridge sections having steep gradeline (attached are cross sections), hence, the need to downgrade the road (with through cuts ranging from 3-13 meters on most portions of the road) to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignments and Road Width); and</li><li>The unit cost per lane km indicated in the GAA is too low based on the above-cited reasons, as reflected in the approved plans.</li></ul> Deletion of type of work (construction of slope protection structure) is due to the downgrading of the road, hence, slope protection is no longer necessary. Allocation for the deleted type of work has been added to the concreting of road instead.					

Based on our evaluation, the herein request is found in order, hence approval is hereby recommended.

**RAFAEL C. YABUT**

Senior Undersecretary

Undersecretary for Mindanao Regional Operations

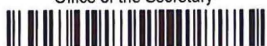
**APPROVED/DISAPPROVED:**

**MARK A. VILLAR**

Secretary

2.1 MSQ/ACF/RCY

Department of Public Works and Highways  
Office of the Secretary



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