



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

**MEMORANDUM** 21 MAY 2018

**FOR :** Secretary MARK A. VILLAR  
Secretary  
This Department

This refers to the Memorandum dated 7 May 2018 of **DPWH Region XI TEOFILA U. TAN, Chief, Planning and Design Division/Officer-In-Charge (OIC)**, requesting 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. 310110100002000 Project ID: P00200155MN  OO1: Ensure Safe and Reliable and National Road System  Asset Preservation  Construction/ Upgrading/ Rehabilitation of Drainage along National Roads – Primary Roads  Daang Maharlika (MN) – K1457 + 128 – K1459 + 280.50			OO1: Ensure Safe and Reliable and National Road System  Asset Preservation  Construction/ Upgrading/ Rehabilitation of Drainage along National Roads – Primary Roads  Daang Maharlika (MN) – K1457 + 128 – K1459 + 750		
Physical Target	Unit Cost (P'000)	Allocation (P'000)	Physical Target	Unit Cost (P'000)	Estimated Cost (P'000)
CW1 Construction of Drainage Structure along Road: 7,463.00 lineal meters	P 19.30/ lineal meter	P 144,044.585	CW1 Construction of Drainage Structure along Road: 4,822.00 lineal meters	P 29.87/ lineal meter	P 144,044.585
EAO	-	P 5,224.415	EAO	-	P 5,224.415
Total:		P 149,269	Total:		P 149,269

**Justification:**

Decrease in physical target from 7,463 lm to 4,822 lm and modification in project limits due to the following:

- There was error in the computation for length in the original proposal from K1457+128 to K1459+280.5 which was reflected as 7,463 lm instead of 4,415 lm for both sides. Using the correct length, the unit cost would be P32,626.18/lm. instead of P 19,300/lm. As per RBIA, length from K1457+128 to K1459+280.5 is only 2.2075 km;
- As per actual site validation, there are already existing lined canals in good condition at left side from K1457+128 to K1457+414 and K1459+094 to K1459+230, hence, extended the limits of the project (up to K1459 + 750, both sides) to cover the section which needs drainage structure; and
- The construction of drainage structure along road includes the following:
  - a. 13 box culverts (5mx2m lateral RCBC) having a total length of 208 lm to be installed at junctions;
  - b. Rubble concrete lined canal with a dimension of top width of 5m and depth of 2m; and
  - c. Restoration of affected pavement at junctions (due to construction of box culvert) and affected driveways of commercial establishments (due to construction of lined canal) in the City.

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



**RAFAEL C. YABUT**  
Senior Undersecretary  
Undersecretary for Regional Mindanao 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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