



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

27 March 2017

**MEMORANDUM**

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

Respectfully submitted is the Memorandum dated 28 February 2017 of **Regional Director ALLAN S. BORROMEO** of DPWH-XI, requesting for approval of the Modification of Project to be implemented by the said region under the FY 2017 GAA in the prescribed form (2017, version 2.1), to wit:

FROM	TO
<p><b>MFO 1 – National Road Network Services:</b></p> <p><b>Network Development - Construction of By-Passes/Diversion Roads, including ROW</b></p> <p>Concreting/Widening/Improvement of Bypass Road at Buhangin-Tigatto-Mandug-Callawa-Fatima Road Including Bridge and RROW, Davao City (Package 5)</p> <p><b>Allocation :</b>  <i>Total</i> = <b>₱ 237.804 Million</b>  <i>Const. of Concrete Road</i> = ₱ 196.440 Million  <i>Const. of Concrete Bridge</i> = ₱ 27.000 Million  <i>Const. of Road Slope Protection</i> = ₱ 12.400 Million  <i>ROW Acquisition</i> = ₱ 1.964 Million</p> <p><b>Physical Target :</b>  <i>Const. of Concrete Road</i> = 9.822 lane km  <i>Const. of Concrete Bridge</i> = 286 sq.m.  <i>Const. of Road Slope Protection</i> = 1,200 sq.m.  <i>ROW Acquisition</i> = 19,644 sq.m.</p> <p><b>Unit Cost (₱) :</b>  <i>Const. of Concrete Road</i> = 20,000,000.00/lane km  <i>Const. of Concrete Bridge</i> = 94,405.59/sq.m.  <i>Const. of Road Slope Protection</i> = 10,333.33/sq.m.  <i>ROW Acquisition</i> = 99.99/sq.m.</p>	<p><b>MFO 1 – National Road Network Services:</b></p> <p><b>Network Development - Construction of By-Passes/Diversion Roads, including ROW</b></p> <p>Concreting/Widening/Improvement of Bypass Road at Buhangin-Tigatto-Mandug-Callawa-Fatima Road Including RROW, Davao City 2<sup>nd</sup> LD (Package 5)</p> <p><b>Allocation :</b>  <i>Total</i> = <b>₱ 237.804 Million</b>  <i>Const. of Concrete Road</i> = ₱ 235.840 Million  <i>ROW Acquisition</i> = ₱ 1.964 Million</p> <p><b>Physical Target :</b>  <i>Const. of Concrete Road</i> = 6.956 lane km  <i>ROW Acquisition</i> = 19,644 sq.m.</p> <p><b>Unit Cost (₱) :</b>  <i>Const. of Concrete Road</i> = 33,904,542.84/lane km  <i>ROW Acquisition</i> = 99.99/sq.m.</p>

## **JUSTIFICATION:**

The scope of work needed for the road section/alignment of the road involves only concreting as per actual need, hence, reduced in project components and modification in project name deleting the bridge. Decrease in physical target was due to considerable amount for massive common excavation. Almost the entire stretch of the project road is a ridge having narrow carriageway width (from trail to 4.5 meters). This requires opening of some portions of the road, a vertical thru cut of about 10-16 meters for almost the whole stretch and side cuts of a maximum of 33 meters for some portions to conform with the DPWH Design Guidelines and Standards (Horizontal and Vertical Alignment and Road Width). In addition, the scopes of work include construction of drainage structures, provision of thermoplastic pavement markings, chevron signs, coconet and coco logs, vegetation and metal guardrails including post.

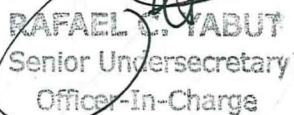
Attached are the required documents, such as Evaluation Form (2017 version 2.1), BP-202, Certificate of Availability of Funds (CAF), Approved Program of Work, and Geotagged photographs.

In view of the above, the request for Modification of the Project is respectfully recommended for the Honorable Secretary's approval.

  
**DIMAS S. SOGUILON, CESO II**  
Assistant Secretary for Mindanao Operations

## **APPROVED/DISAPPROVED:**

**MARK A. VILLAR**  
Secretary

  
**RAFAEL C. YABUT**  
Senior Undersecretary  
Officer-In-Charge

3.5IMM/LCA/DSS

Department of Public Works and Highways  
Office of the Secretary



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