

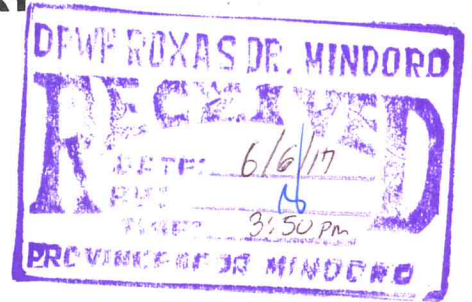


Republic of the Philippines
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE SECRETARY
Manila

January 27, 2017

MEMORANDUM

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



This refers to the memorandum dated 17 January 2017 of **DPWH Region IV-B Director SUBAIR S. DIRON**, endorsing the request of Southern Mindoro District Engineering Office **District Engineer Magtanggol C. Roldan**, for the modification of the project stated hereunder:

LOCATION	PROJECT DESCRIPTION		PHYSICAL TARGET / COST	
	Per GAA UACS: 165003030800336	As modified	Per GAA/Original	As modified
Bulalacao, Oriental Mindoro	MFO-3 Construction and Maintenance Services of Other Infra: Construction/ Improvement of Access Roads leading to Airports, Seaports, and Declared Tourism Destinations - to Declared Tourism Destinations:	MFO-3 Construction and Maintenance Services of Other Infra: Construction/ Improvement of Access Roads leading to Airports, Seaports, and Declared Tourism Destinations - to Declared Tourism Destinations: San Roque – Libtong – Dangkalan Road leading to Buyayao Island and Various Beaches, including Bridge, Bulalacao, Oriental Mindoro	<u>Physical Target</u> <u>Construction of Concrete Bridge:</u> <u>114.48 sq.m</u>	<u>Physical Target</u> <u>Replacement of Bridge:</u> <u>122.112 sq.m</u>
	Construction of Concrete Bridge - San Roque-Libtong- Dangkalan Road leading to Buyayao Island and various beaches, including bridge, Bulalacao, Oriental Mindoro	(Replacement of Bridge / Road Upgrading Gravel to Paved / Shoulder Paving / Construction / Construction of Drainage Structure along Road)	<u>Construction of Concrete Road:</u> <u>1.200 lane-km</u>	<u>Road Upgrading Gravel to Paved:</u> <u>0.368 lane-km</u>
	Construction of Concrete Road - San Roque-Libtong Dangkalan Road leading to Buyayao Island and various beaches, including bridge, Bulalacao, Oriental Mindoro		<u>Unit Cost</u> <u>Construction of Concrete Bridge:</u> <u>P104.82T/ sq.m</u>	<u>Unit Cost</u> <u>Replacement of Bridge:</u> <u>P72.41T/ sq.m</u>
	(Construction of Concrete Bridge / Construction of Concrete Road)		<u>Construction of Concrete Road:</u> <u>P10M/ lane-km</u>	<u>Road Upgrading Gravel to Paved:</u> <u>P7,731.37M/ lane-km</u>
			<u>Allocation:</u> <u>P24M</u>	<u>Estimated Cost:</u> <u>P24M</u>

Justification:

- The increase of the physical target for CW1 – Concrete Bridge is due to the actual dimension of the designed bridge;
- The decrease of the physical target for CW2 – Concrete Road is due to the deletion of some sections which are under warranty with the LGU;
- Based on the actual survey, the existing road sections are mountainous and have a gradient of 7% and more, which resulted to scouring of shoulder during heavy rains. Therefore, additional scope of works (Shoulder Paving and Drainage Structure) were included as a protective measures to extend the lifespan of the existing pavement and also for the safety of the riding public.

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



EUGENIO R. PIPO, JR.

Assistant Secretary for Luzon Operations

APPROVED/DISAPPROVED:



ROMEO S. MOMO, CESO I

Undersecretary
Officer-In-Charge

NOTE: Copies of the approved project modification requests are forwarded to the Office of the Undersecretary Maria Catalina E. Cabral., PhD, CESO I.

2.4 jdg/ERP/RSM

Form for Evaluation or Modification or Realignment Request (2017, version 2.1)

A. GENERAL																																			
1. REGION REGION IV-B		2. DEO SOUTHERN MINDORO		3. LEGISLATIVE DISTRICT ORIENTAL MINDORO																															
B. ORIGINAL PROJECT			C. NEW PROJECT																																
4. UACS (Unified Account Code Structure as defined in GAA) 165003030800336 ✓			18. UACS (to be entered only upon approval of realignment) 165003030800336																																
5. Project Id P00131041LZ Component Id(s) CW1, CW2			19. Project Id (to be entered only upon approval of realignment) P00131041LZ Component Id(s) (to be entered only upon approval of realignment) CW1, CW2, CW3, CW4																																
6. Project Category MFO-3 Construction and Maintenance Services of Other Infra ✓			20. Project Category MFO-3 Construction and Maintenance Services of Other Infra ✓																																
7. Thrust Construction/ Improvement of Access Roads leading to Airports, Seaports, and Declared Tourism Destinations - to Declared Tourism Destinations ✓			21. Thrust Construction/ Improvement of Access Roads leading to Airports, Seaports and Declared Tourism Destinations - to Declared Tourism Destinations ✓																																
8. Type of Work (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Type of Work</th></tr><tr><td>CW1</td><td>Construction of Concrete Bridge ✓</td></tr><tr><td>CW2</td><td>Construction of Concrete Road ✓</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>			Component ID	Type of Work	CW1	Construction of Concrete Bridge ✓	CW2	Construction of Concrete Road ✓	Click here to enter text.	Choose an item.	Click here to enter text.	Choose an item.	22. Type of Work (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Type of Work</th></tr><tr><td>CW1</td><td>Replacement of Bridge</td></tr><tr><td>CW2</td><td>Road Upgrading Gravel to Paved</td></tr><tr><td>CW3</td><td>Shoulder Paving / Construction</td></tr><tr><td>CW4</td><td>Construction of Drainage Structure along Road</td></tr></table>			Component ID	Type of Work	CW1	Replacement of Bridge	CW2	Road Upgrading Gravel to Paved	CW3	Shoulder Paving / Construction	CW4	Construction of Drainage Structure along Road										
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10. ALLOCATION (P'000) (as recorded in GAA) 24,000.00 ✓		11. OBLIGATION (This must be checked to confirm there are no obligations) <input type="checkbox"/> NO		24. ESTIMATED COST(P'000) 24,000.00 ✓																															
				25. CAF (To be obtained from Financial Management office) ✓YES																															
12. PHYSICAL TARGET (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Target</th><th>Target Unit</th></tr><tr><td>CW1</td><td>114,000</td><td>Square Meters (m2) ✓</td></tr><tr><td>CW2</td><td>1,200</td><td>Lane Km ✓</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr><tr><td>Click here to enter text.</td><td>Click here to enter text.</td><td>Choose an item.</td></tr></table>			Component ID	Target	Target Unit	CW1	114,000	Square Meters (m2) ✓	CW2	1,200	Lane Km ✓	Click here to enter text.	Click here to enter text.	Choose an item.	Click here to enter text.	Click here to enter text.	Choose an item.	26. PHYSICAL TARGET (Enter Details for all Components below) <table><tr><th>Component ID</th><th>Target</th><th>Target Unit</th></tr><tr><td>CW1</td><td>122.112</td><td>Square Meters (m2)</td></tr><tr><td>CW2</td><td>0.368</td><td>Lane Km</td></tr><tr><td>CW3</td><td>2,155.000</td><td>Square Meters (m2)</td></tr><tr><td>CW4</td><td>1,285.800</td><td>Lineal Meters (lm)</td></tr></table>			Component ID	Target	Target Unit	CW1	122.112	Square Meters (m2)	CW2	0.368	Lane Km	CW3	2,155.000	Square Meters (m2)	CW4	1,285.800	Lineal Meters (lm)
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14. PROJECT LOCATION (Must be defined in strict accordance with DO 65 Series 2014) CONST. OF CONC. BRIDGE - BANAY-BANAY BRIDGE, BULALACAO, OR. MDO. CONST. OF CONC. ROAD, BULALACAO, OR. MDO. SAN ROQUE - LIBTONG - DANGKALAN ROAD (12.391033, 121.398377), (12.384407, 121.402992) Start X 12.39083333 N End X 12.38333333 N Start Y 121.39805560 E End Y 121.4030556 E	28. PROJECT LOCATION (Must be defined in strict accordance with DO 65 Series 2014) CONST. OF CONC. BRIDGE - BANAY-BANAY BRIDGE, BULALACAO, OR. MDO. CONST. OF CONC. ROAD, BULALACAO, OR. MDO. SAN ROQUE - LIBTONG - DANGKALAN ROAD (12.391033, 121.398377), (12.384407, 121.402992) Start X 12.39103300 N End X 12.38440700 N Start Y 121.39837700 E End Y 121.40299200 E
15. ROAD CLASSIFICATION (if applicable) Choose an item.	29. ROAD CLASSIFICATION (if applicable) Choose an item.
16. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) SOUTHERN MINDORO DISTRICT ENGINEERING OFFICE	30. IMPLEMENTING OFFICE (Record the Implementing Office of the original project) SOUTHERN MINDORO DISTRICT ENGINEERING OFFICE
17. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date Planned End Date 02/20/2017 10/18/2017	31. PROJECT IMPLEMENTATION PLAN (PIP) Planned Start Date Planned End Date 04/09/2017 12/04/2017
	32. OVERLAP? Click here to enter text.
	33. WARRANTY Click here to enter text.

D. EVALUATION & JUSTIFICATION	
ASSET PRESERVATION (ROADS)	
34a. Existing Surface Type (from RBIA)	Click here to enter text.
34b. Roughness (IRI) (from RBIA)	Click here to enter text.
34c. RoCOND (from RBIA)	Click here to enter text.
ASSET PRESERVATION (BRIDGES)	
34d. General Bridge Type (from BMS)	Click here to enter text.
34e. Bridge Needs Ratio (BNR) (from BMS)	Click here to enter text.
NETWORK DEVELOPMENT	
34f. Existing Surface Type (from RBIA)	Click here to enter text.
34g. Volume Capacity Ratio (VCR) (from RBIA)	Click here to enter text.
34h. Endorsement of Regional Development Council (RDC)	Click here to enter text.
34.i Feasibility and Other Technical Studies for Bridges	Click here to enter text.
FLOOD CONTROL	
34j. Project Impact Analysis	Click here to enter text.
34k. Master Plan	Click here to enter text.
35. JUSTIFICATION Increased in physical target for CW1 - Concrete bridge due to the actual dimension of designed bridge (W = 9.54m. & L = 12.80m.). Decreased in physical target for CW2-for concrete road due to some sections needed for rehabilitation was under warranty with the LGU. To maximized the allotted funds, based on the conducted survey, the existing road sections are mountainous and have a gradient of 7% and more which was resulted to scouring of shoulder during heavy rains. Therefore additional scope of works, such as sealing of shoulder & construction of line canal was included in the detailed design as a protective measures to extend the lifespan of existing pavement & also for the safety of the motorist.	

36. GEOYAGGED PHOTOS SUBMITTED

☐ NO☐ YES

37. EVALUATED BY:

DETINO V. GUEVARRA, JR.
Chief, Planning & Design Section

GODOFREDO S. DAGDAG, JR
Chief RO Planning Section

38. DATE:

Click here to enter a date.

Imah N. 1/11

E. REVIEW AND APPROVAL

REVIEWED:	RENATO L. ESCUADRO Chief, Planning and Design Division	DATE: Click here to enter a date.
RECOMMENDED:	MAGTANGGOL C. ROLDAN District Engineer	DATE: Click here to enter a date.
NOTED:	ROMEO S. MOMO, CESO I Undersecretary for Operations	DATE: Click here to enter a date.
ENDORSED / APPROVED:	MARK A. VILLAR Secretary of Department of Public Works and Highways	DATE: Click here to enter a date.