

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

May 9, 2018

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 8 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO**, endorsing the request of **Assistant District Engineer HERMON G. INES**, Tarlac 1st District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

WIC;

Project Description					
UACS No. 310105100091000 Project ID: P00200468LZ					
OO1: Ensure Safe and Reliable National Road System – Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads			OO1: Ensure Safe and Reliable National Road System – Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Secondary Roads		
Paniqui Poblacion Rd - K0144 + (-022) - K0144 + 196 , K0144 + 196 - K0144 + 351.46			Paniqui Poblacion Rd - K0144 + (-040) - K0144 + 851.30		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Allocation
CW1 - Reconstruction from Paved to Concrete / 1.494 Lane Km	P 7.94233M/ Lane Km	P 11.865840 M	CW1 - Reconstruction to Concrete Pavement / 0.55 Lane Km	P 11.60960M / Lane Km	P 6.38528158 M
			CW2- Preventive Maintenance of Road: Asphalt Overlay / 1.74 Lane Km	P 3.14975 M / Lane Km	P 5.48055842 M
FAO		P 242.160 T			P 242.160 T
Total:		P 12.108 M	Total:		P 12.108 M
Justification: <ul style="list-style-type: none"> Decrease in physical target/increase in unit cost. As per actual validation, the remaining area in Paniqui-Poblacion Road that requires road rehabilitation is only 0.55 lane-km. The increase in unit cost was due to the inclusion of drainage structure and concreting of unpaved shoulder. To maximize the utilization of allotted fund, CW2- Preventive Maintenance of Road: Asphalt Overlay was included, since, there are existing sections based on field validation that need asphalt overlay. It is done in order to extend the service life of the existing road sections, and maintain the smooth surface and riding condition. The derived unit cost are based on approved Program of Works (POW), and Detailed Unit Price Analysis (DUPA) with reference to the prevailing Construction Materials Price Data (CMPD) 					

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

DIMAS S. SAGUILON
Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2.4 mksa/AVS/ERP/DSS

ROBERTO R. BERNARDO
Undersecretary
OFFICER-IN-CHARGE

Department of Public Works and Highways
Office of the Secretary



WIN8G02469



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

June 05, 2018

MEMORANDUM

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

This refers to the memorandum dated 01 June 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.** endorsing the request of **District Engineer ERELINA B. SANTOS, Tarlac 1st District Engineering Office**, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description					
UACE No. 310110100008000 Project ID: P00202510LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction / Upgrading / Rehabilitation of Drainage along National Roads - Primary Roads Romulo H-way K0138 + 387 - K0138 + 590, K0139 + 359 - K0140 + 935, K0141 + 361 - K0142 + 720.28, K0148 + 400 - K0148 + 857, K0160 + 629 - K0160 + 796			OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction / Upgrading / Rehabilitation of Drainage along National Roads - Primary Roads Romulo H-way K0150+812.10 - K0151+902, K0153+750.80 - K0154+667 K0154+689 - K0155+316.50		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Drainage Structure along Road 7,524.56 lineal meter	11.16 T / lineal meter	P 83.955 M	CW1 - Construction of Drainage Structure along Road 8,233.90 lineal meter	P 16.04 T / lineal meter	P 83.955 M
EAO	-	P 3.045 M	EAO	-	P 3.045 M
Total		P 87.00 M	Total		P 87.00 M
Justification: <ul style="list-style-type: none"> Decrease in physical target/increase in unit cost. The increase in unit is due to the increase in drainage width dimension from 1.20m to 3.30m. The derived unit cost is based on approved POW and DIPA using the updated Construction Materials Priced Data (CMPD). As per actual validation, the proposed sections from GAA overlapped to the on-going Regional projects (GAA 2017), hence, change in station limits were necessary. 					

0000: Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction / Upgrading / Rehabilitation of
Drainage along National Roads - Primary Roads - Romulo Highway K0150+812.10 - K0151+902, K0153+750.80
K0154+667, K0154+689 - K0155+316.50

Page 2 of 2


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


DIMAS S. SAGUILON
Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A VILLAR
Secretary

2.4 aap/AVS/ERP/DSS


ROBERTO R. BERNARDO
Undersecretary
OFFICER - IN - CHARGE

Department of Public Works and Highways
Office of the Secretary


WIN8G02429



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

June 05, 2018

MEMORANDUM

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


This refers to the memorandum dated 31 May 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.** endorsing the request of **District Engineer ERELINA B. SANTOS, Tarlac 1st District Engineering Office**, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit:

Project Description					
UACS No. 310201100197000 Project ID: P002012171Z					
OO1: Ensure Safe and Reliable National Road System - Network Development Program - Road Widening - Primary Roads Romulo H-way K0131 + 000 - K0132 + 000, K0132 + 427 - K0133 + 000, K0133 + 669 - K0133 + 818, K0137 + 200 - K0138 + 000, K0138 + 500 - K0139 + 359, K0140 + 935 - K0141 + 361, K0143 + 000 - K0143 + 836, K0143 + 866 - K0144 + 000, K0152 + 815 - K0153 + 000, K0155 + 009 - K0157 + 957			OO1: Ensure Safe and Reliable National Road System - Network Development Program - Road Widening - Primary Roads Romulo H-way K0130 + 590.00 - K0131 + 119.50, K0138 + 602.00 - K0139 + 349.00, K0147 + 756.70 - K0148 + 169.70, K0150 + 812.10 - K0151 + 902.00, K0153 + 750.80 - K0154 + 661.00, K0154 + 695.00 - K0155 + 457.60, K0159 + 900.00 - K0160 + 798.00		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Road Widening/ 15.634 lane-km	6.17244 M / lane-km	P 96.50 M	CW1 Road Widening / 10.664 lane-km	P 9.04914 M / lane-km	P 96.50 M
EAO	-	P 3.50 M	EAO	-	P 3.50 M
Total		P 100 M	Total		P 100 M
Justification: <i>Physical target is reduced.</i> • As per actual validation, the <u>proposed station limits were already widened</u> (Regional Projects-GAA 2017), hence, change in station limits were necessary to develop the <u>sections that need improvement (Road Widening)</u> . • As per detailed engineering, the reduction of target length from 15.634 lane km to 10.664 lane km was based on the derived unit cost from DUPA using the updated Construction Materials Priced Data (CMPD).					

0031. Ensure Safe and Reliable National Road System - Network Development Program - Road Widening - Primary Roads Rumbia H
way - K0130 + 590.00 - K0141 + 119.50, K0136 + 602.00 - K0139 + 349.00, K0147 + 756.70 - K0148 + 169.70, K0150 + 812.10 -
K0151 + 902.00, K0153 + 750.80 - K0154 + 661.00, K0154 + 695.00 - K0155 + 452.60, K0159 + 900.00 - K0160 + 798.00

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


DIMAS S. SAGUILON
Underscretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

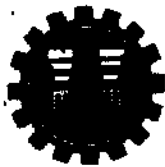
MARK A VILLAR
Secretary

2.4 aap/AYS/ERP/DSS


ROBERTO R. BERNARDO
Underscretary
OFFICER-IN-CHARGE

Department of Public Works and Highways
Office of the Secretary


WIN8G02430



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

June 05, 2018

MEMORANDUM

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


This refers to the memorandum dated 01 June 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.** endorsing the request of **District Engineer ERELINA B. SANTOS, Tarlac 1st District Engineering Office**, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description					
UACS No. 310110100021000 Project ID: P002006312 OO1: Ensure Safe and Reliable National Road System Asset Preservation Program - Construction / Upgrading / Rehabilitation of Drainage along National Roads - Primary Roads Romulo H-way K0125 + 347 - K0125 + 436, K0125 + 339 - K0125 + 436, K0131 + 345 - K0131 + 539, K0128 + 010 - K0129 + 507, K0131 + 655 - K0132 + 138.20, K0131 + 697 - K0132 + 137			OO1: Ensure Safe and Reliable National Road System Asset Preservation Program - Construction / Upgrading / Rehabilitation of Drainage along National Roads - Primary Roads Romulo H-way K0125+339 - K0125+492 K0128+887 - K0129+507 K0131+727.90 - K0132+850		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Construction of Drainage Structure along Road 4,217.20 lineal meter	10.94 T / lineal meter	P 46.146240 M	CW1 - Construction of Drainage Structure along Road 3,081.20 lineal meter	P 14.98 T / lineal meter	P 46.146240 M
FAO	-	P 941.760 T P 47.088 M	EAO		P 941.760 T P 47.088 M
Total		P 47.088 M	Total		P 47.088 M
Justification: <ul style="list-style-type: none"> Decrease in physical target. As per Detailed Engineering, the reduction of length from 4,217.20 lm to 3,081.20 lm was due to the extension/correction of paved shoulder. The derived unit cost is based on approved POW and DUPA using the latest approved Construction Materials Priced Data (CMPD) 					

001. Ensure Safe and Reliable National Road System - Asset Preservation Program - Construction / Upgrading / Rehabilitation of Drainage along National Roads - Priority Roads Route No. Highway K0125+339 - K0125+492 K0128+882 - K0129+502 K0131+727.00 - K0132+859

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


DIMAS S. SDGULON
Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A VILLAR
Secretary

2.4 sap/AVS/ERP/DSS


ROBERTO R. BERNARDO
Undersecretary
OFFICER IN CHARGE

Department of Public Works and Highways
Office of the Secretary


WIN8G02462



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

June 11, 2018

MEMORANDUM

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

This refers to the memorandum dated 07 June 2018 of **DPWH Region III Director ANTONIO V. MOLANO, JR.** endorsing the request of **District Engineer ERELINA B. SANTOS, Tarlac 1st District Engineering Office**, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit:

Project Description					
UACS No. 310101100032000 Project ID: P00200028LZ OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Preventive Maintenance - Primary Roads Romulo H-way - K0140 + 966 - K0141 + 961, K0145 + 554 - K0145 + 787, K0147 + 032 - K0147 + 632, K0149 + 624 - K0149 + 816, K0149 + 950 - K0150 + 000, K0153 + 000 - K0153 + 321, K0143 + 980 - K0145 + 506, K0154 + 890 - K0155 + 300			OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Preventive Maintenance - Primary Roads Romulo H-way - K0137 + 180.80 - K0138 + 602.00, K0143 + 000 - K0143 + 836, K0143 + 872 - K0145 + 464, K0148 + 800 - K0150 + 129		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 - Preventive Maintenance of Road: Asphalt Overlay/ 4.772 lane-km	6.88523 M / lane-km	P 32.85632 M	CW1 - Preventive Maintenance of Road: Asphalt Overlay/ 15.7206 lane-km	P 3.91641 M / lane-km	P 61.568290 M
CW2 - Preventive Maintenance of Road: Concrete Reblocking/ 7.858 lane-km	4.30062 M / lane km	P 33.79410 M	CW2 - Preventive Maintenance of Road: Concrete Reblocking/ 0.73493 lane-km	6.91539 M / lane km	P 5.08233 M
EAO		P 2.417380 M	EAO		P 2.417380 M
Total		P 69.068 M	Total		P 69.068 M

Justification:

- As per actual validation, the increase in Physical target of CW1-Asphalt Overlay from 1,772 lane-km to 15.72 lane-km was due to the decrease of the physical target of CW2-Concrete Reblocking.
- Based on actual field condition, the remaining areas that requires Concrete Reblocking is only 0.73493 lane-km.
- The change in station to K0137 + 180.80 - K0138 + 602.00, K0143 + 000 - K0143 + 836, K0143 + 872 - K0145 + 464 were made to align the project with modified projects (P00201217LZ and P00200404LZ). Station K0148 + 800 - K0150 + 129, was included since it needs Asphalt Overlay to improve the functionality, skid resistance, and ride quality of the pavement.
- The derived unit costs are based on approved Program of Works (POW), and Detailed Unit Price Analysis (DUPA) with reference to the prevailing Construction Materials Price Data (CMPD).

001. Ensure Safe and Reliable National Road System - Asset Preservation Program - Preventive Maintenance - Primary Roads
Remodel H-way K0137 + 100.00, K0139 + 602.00, K0143 + 880, K0143 + 836, K0143 + 872 - K0145 + 414, K0148 + 800
K0150 + 129

Page 2 of 2

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

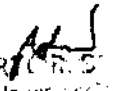

DIMAS S. SOGUILON

Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A VILLAR
Secretary

2.4 asp/AVS/CRP/DSS


ROBERT C. O. BERNARDO
Undersecretary
OFFICER-IN-CHARGE

Department of Public Works and Highways
Office of the Secretary



WIN8G07453



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

June 01, 2018

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 01 June 2018 of **DPWH Region III Acting Director LORETA M. MALALUAN**, endorsing the request of **District Engineer ERELINA B. SANTOS**, Tarlac 1st District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description		
UACS No. 310104100055000 Project ID: P00200407LZ		
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads		
Romulo H-way - K0126+694 - K0127+456, K0133+200.60 - K0133 + 248		
Type of Work/ Physical Target	Unit Cost	Allocation
CW1 Rehabilitation of Paved Road/ 1.605 lane km	P 1,170M/ lane km	P 7,17360M
EAO		P 146.400T
Total		P 7.320M

Project Description		
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads		
Romulo H-way - K0130+000 - K0130+590		
Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1 Rehabilitation of Paved Road/ 1.18 lane km	P 6.079M/ lane km	P 7.17360M
EAO		P 146.400T
Total		P 7.320M

Justification:
Decrease in physical target.

- As per Detailed Engineering, the reduction length from 1.605 lane km to 1.18 lane km was due to the derived unit cost from DUPA based on the updated Construction Materials Price Data (CMPD).
- As per actual validation, the proposed sections from GAA were in fair to good condition, hence, change in station limits were necessary to consider sections that are in bad condition.

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

DIMAS S. SOGUILON
Undersecretary for Regional Operations
Regions I, II, III, IV A, V & CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

ROBERTO R. BERNARDO
Undersecretary
OFFICER - IN - CHARGE

Department of Public Works and Highways
Office of the Secretary



WIN8G02448



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

June 01, 2018

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 01 June 2018 of **DPWH Region III Acting Director LORETA M. MALALUAN**, endorsing the request of **District Engineer ERELINA B. SANTOS**, Tarlac 1st District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (CAA), to wit;

Project Description					
UACS No. 310104100036000 Project ID: P00200404LZ					
OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads			OO1: Ensure Safe and Reliable National Road System - Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads - Primary Roads		
Romulo H-way - K0138+600 - K0139+225, K0142+994 - K0143+836, K0143+896 - K0144+000, K0158+268 - K0158 + 803			Romulo H-way - K0137+180.80 - K0139+349.00, K0143+000.00, K0143+836.00, K0143+872.00 - K0144+000.00, K0153+750.80 - K0153+801.50, K0154+695.00 - K0155+529.20		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road/ 4.208 lane km	P 13.156M/ lane km	P 55.36205M	CW1- Rehabilitation of Paved Road/ 8.177 lane km	P 6.770M/ lane km	P 55.36205M
EAO		P 2.00795M	EAO		P 2.00795M
Total		P 57.370M	Total		P 57.370M
Justification: Increase in physical target.					
<ul style="list-style-type: none">As per Detailed Engineering, the increase from 4.208 lane km to 8.177 lane km was due to the derived decrease unit cost based on DIIPA, and updated Construction Materials Priced Data (CMPD).The transfer of K0158+268 - K0158+803 to K0153+750.80 - K0153+801.50 and K0154+695.00 - K0155+529.20 was based on strategic planning of road rehabilitation in order to fill the gap and connect to the ongoing regional projects.					

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

DIMAS S. SODILON
Undersecretary for Regional Operations
Regions I, II, III, IV A, V & CAR

APPROVED/DISAPPROVED:

MARK A. VILLAR
Secretary

2.4 mksa/AVS/1 RP/IXS

ROBERTO R. BERNARDO
Undersecretary
OFFICER - IN - CHARGE

Department of Public Works and Highways
Office of the Secretary



WIN8G02463



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

June 01, 2018

MEMORANDUM

FOR : MARK A. VILLAR
Secretary
This Department

This refers to the memorandum dated 01 June 2018 of **DPWH Region III Acting Director LORETA M. MALALUAN**, endorsing the request of **District Engineer ERELINA B. SANTOS**, Tarlac 1st District Engineering Office, for the approval of the **Modification** of the project under FY 2018 General Appropriation Act (GAA), to wit;

Project Description					
UACS No. 310105100035000 Project ID: P00200459LZ			OO1: Ensure Safe and Reliable National Road System – Asset Preservation Program - Rehabilitation/ Reconstruction/ Upgrading of Damaged Paved Roads – Secondary Roads		
Paniqui-Camiling Wawa Rd K0146+(-260) - K0146+581, K0146+611 - K0147+000, K0147+399 - K0148+000, K0149+000 - K0150+187, K0158+608 - K0160+608.50, K0162+380 - K0162+ 901.10, K0170+850 - K0171+867			Paniqui-Camiling Wawa Rd K0146+(-412.40) - K0146+571.80, K0146+615.50 - K0147+313.00, K0154+194.00 - K0154+396.50, K0156+235.70 - K0156+380.00, K0162+052.10 - K0162+699.00, K0165+156.70 - K0166+241.30, K0166+260.00 - K0167+000.00, K0167+000.00 - K0168+710.00		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Rehabilitation of Paved Road/ 14.134 lane km	P 6.828M/ lane km	P 96.500M	CW1- Rehabilitation of Paved Road/ 8.008 lane km	P 7.973M/ lane km	P 63.851M
			CW2 – Preventive Maintenance of Road: Asphalt Overlay/ 4.46 lane km	P 7.320M/ lane km	P 32.649M
FAO		P 3.500M	FAO		P 3.500M
Total		P 100M	Total		P 100M
Justification: <ul style="list-style-type: none"> As per Detailed Engineering, the reduction of length from 14.134 lane km to 8.008 lane km was based on the inclusion of CW2 (Asphalt Overlay) to improve the functionality of some distressed pavement, skid resistance and ride quality; and also to extend the service life of the proposed road sections. As per actual validation, the proposed stations from CAA were in fair to good condition, hence, change in station limits were necessary to give way to the sections that are in bad conditions. At K0146+(-260) - K0146+581, K0146+611 - K0147+000 Preventive Maintenance (Asphalt Overlay) were applied to prevent further damage/deterioration of the existing pavement structure. 					


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


DIMAS S. SEGUILON

Undersecretary for Regional Operations
Regions I, II, III, IV-A, V & CAR

APPROVED/DISAPPROVED:

MARK A VILLAR
Secretary


ROBERT B. BERNARDO
Undersecretary
OFFICER - IN - CHARGE

2.4 mksa/AVS/FRP/DSS

Department of Public Works and Highways
Office of the Secretary

WIN8G02450