



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

March 27, 2023

**MEMORANDUM**

**TO :** **KHADAFFY D. TANGGOL**  
Regional Director  
DPWH-CAR  
Engineer's Hill, Baguio City

Transmitted herewith is the **APPROVED** request for the **modification** of hereunder stated project:

1. OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Primary Roads Kennon Road- K0216+814 - **K0219+092, K0220+182 - K0221+000, K0221+090 - K0221+481, K0221+543 - K0223+264, K0223+958 - K0227+122, K0228+078 - K0228+433, K0228+797 - K0229+363, K0229+631 - K0230+600, K0230+681 - K0231+765, K0231+811 - K0232+454.50, K0232+544.50 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+558, K0235+816 - K0238+117, K0238+372 - K0238+734, K0238+854 - K0239+593, Tuba, Benguet - - - P300,000,000.00**

Please be reminded that all approved modifications **shall be posted in the DPWH website within five (5) days** from its approval. Failure to comply with this requirement shall be dealt with accordingly.

**ADOR G. CANLAS**

Assistant Secretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII, and XIII

2.3 mksa/AVS/AGC/ERP



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

CAR-018

**Programming Division Evaluation Sheet**

Name of Project:

Project ID: P00715141LZ

Kenyon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080 - K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet

Implementing Office: Regional Office CAR

Appropriation: 300,000,000

Date: 03/24/2023

**A. TYPE OF REQUEST**

**A.1** ☐ **Change in Implementing Office/Operating Unit due to**

A.1.1 ☐ Geographical Jurisdiction

A.1.2 ☐ Approval of Authority to Bid/Implement

**A.2** ☒ **PROJECT MODIFICATION/ADJUSTMENTS**

A.2.1 ☐ Typographical Error/s

A.2.2 ☐ Change in Location (for non-existent locations only)

A.2.3 ☒ Change in Station Limits

A.2.4 ☐ Addition/Deletion of Word/s

A.2.5 ☒ Change in Project Component/s Details

A.2.5.1 ☒ Change in Targets

A.2.5.2 ☐ Change in Scope of Work from \_\_\_\_\_

to \_\_\_\_\_

A.2.5.3 ☐ Change in Component Amount

A.2.5.4 ☐ Addition of Component (incl. EXC Component)

A.2.5.5 ☐ Deletion of Component

A.2.5.6 ☐ Movement of Funds between Components

**B. EVALUATION**

B.1 ☒ ALLOWED as per the GAA Provisions

B.2 ☐ NOT ALLOWED as per the GAA Provisions

**C. FUND SOURCE FY 2023 GAA, R.A. 11936**

C.1 ☒ for issuance of SARO (☒ Released ☐ Unreleased)

Amount: 300,000,000

C.2 ☐ released thru GAAAO

**D. IMPACT:**

D.1 Condition/s: 8.10 % decrease in unit cost  
- % increase in unit cost  
2.63 % decrease in physical target  
- % increase in physical target

D.2 ☒ Additional Project Component

D.3 ☒ Certificate of Cost Reasonableness by RD

D.4 Remarks: Original Component (**CW1 - Asphalt Overlay**): a decrease of **8.10%** in the Unit Cost  
Additional Component (**CW2 - Concrete Pavement**): no increase in unit cost in reference with the BOC Unit Cost

**E. Approving Authority as per D.O. 13, s. 2023, Guidelines on Modification of Allotment under the GAA**

E.1 ☒ Undersecretary for Operations

E.2 ☐ Secretary

Evaluated By:

ALEX S. BOTE  
Director, Planning Service

Noted By:

CONSTANTE A. LLANES, JR., CESO III  
Assistant Secretary, Planning Service

Project ID: P00715141LZ

FOR: USEC FOR OPERATIONS

**ACTION SLIP**

☐ RRB

☒ ERP

☐ EKS

Date: \_\_\_\_\_

REMARKS:

☒ Reviewed by Planning Service

☐ Recommended for Approval

☐ Remarks: \_\_\_\_\_

MARIA CATALINA E. CABRAL, CESO I, Ph.D.  
Undersecretary for Planning and PPP Services





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

March 22, 2023

**MEMORANDUM**

**FOR :** **EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
in CAR, Regions I, II, IX, X, XI, XII and XIII

This refers to the memorandum dated 20 March 2023 of **DPWH CAR Regional Director KHADAFFY D. TANGGOL**, requesting for the **modification** of the project under FY 2023 GAA, to wit;

As per GAA/Original			As Modified		
Project Description					
<b>UACS No.: 310101100776000</b> <b>Project ID: P00715141LZ</b>  OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Primary Roads  Kennon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080 - K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet			 OO1: Ensure Safe and Reliable National Road System - Asset Preservation - Preventive Maintenance - Primary Roads  Kennon Road (S00393LZ), K0216+814 - <b>K0219+092, K0220+182 - K0221+000, K0221+090 - K0221+481, K0221+543 - K0223+264, K0223+958 - K0227+122, K0228+078 - K0228+433, K0228+797 - K0229+363, K0229+631 - K0230+600</b> , K0230+681 - K0231+765, K0231+811 - <b>K0232+454.50, K0232+544.50</b> - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - <b>K0235+558, K0235+816 - K0238+117, K0238+372 - K0238+734, K0238+854</b> - K0239+593, Tuba, Benguet		
Type of Work/ Physical Target	Unit Cost	Allocation	Type of Work/ Physical Target	Unit Cost	Estimated Cost
CW1- Preventive Maintenance of Road: Asphalt Overlay / 34.912 Lane Km	₱ 8,292,277.73/ Lane Km	₱ 289,500,000.00	CW1- Preventive Maintenance of Road: Asphalt Overlay / 33.994 Lane Km	₱ 7,620,800.28 / Lane Km <i>₱ 15.2 m/la.</i>	₱ 259,061,484.83
			CW2- Reconstruction to Concrete Pavement / 2.74 Lane Km	₱ 11,108,947.14 / Lane Km <i>₱ 22.2 m/km</i>	₱ 30,438,515.17
EAO	-	₱ 10,500,000.00	EAO	-	₱ 10,500,000.00
+ Total:		₱ 300,000,000.00	Total:		₱ 300,000,000.00

*A*

**Justification:**

Change in Station Limits in the Project Description and Decrease in physical target for CW1 from 34.912 Lane Km to 33.994 Lane Km and Introduction of CW2 due to the following:

- The change in station limits reflects the exact sections which needs to be overlayed due to the fair to poor condition ascertained through RoCond and actual field survey.
- The introduction of the CW2 - Reconstruction to Concrete Pavement component was needed to account for the pavement reconstruction at stations K0220+346 - K0221+000, K0229+063 - K0229+363, K0232+400 - K0232+454.50, K0232+544.50 - K0232+833, K0236+209 - K0236+236 with a total length of 2.74 Lane Km corresponding to 10.51% of the civil works. The reconstruction is necessary for the pavement to be structurally stable prior to overlay, and of the same level with the existing carriageway. This resulted to the decrease in the physical target for CW1.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Certificate of Reasonableness, 2022 Road Condition (RoCond), Certificate of No Overlapping and GIS Map.

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

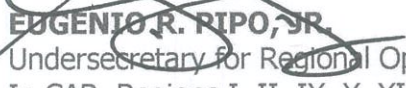
  
**ADOR G. CANLAS**

Assistant Secretary for Regional Operations  
In CAR, Regions I, II, IX, X, XI, XII and XIII

**RECOMMENDING APPROVAL:**

  
**MARIA CATALINA E. CABRAL, Ph.D., CESO I**  
Undersecretary for Planning and PPP Services

**APPROVED/~~DISAPPROVED~~:**

  
**EUGENIO R. RIPO, JR.**  
Undersecretary for Regional Operations  
In CAR, Regions I, II, IX, X, XI, XII and XIII

2.3 mksa/MLS/AVS/AGC/ERP





Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
**CORDILLERA ADMINISTRATIVE REGION**  
Engineer's Hill, Baguio City

March 20, 2023

**MEMORANDUM**

**FOR : MANUEL M. BONOAN**  
Secretary

**THRU : EUGENIO R. PIPO, JR.**  
Undersecretary for Regional Operations  
CAR, Regions I, II, IX, X, XI, XII and XIII

**SUBJECT : Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation Program - Preventive Maintenance - Primary Roads - Kennon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080 - K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet**

We are respectfully submitting the modification of the above project in the amount of **Three Hundred Million Pesos (Php 300,000,000.00)**, as indicated below:

	As per GAA/Original	As Modified
Project ID	P00715141LZ	
UACS	310101100776000	
Project Title	Kennon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080 - K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet	Kennon Road – K0216+814 - K0219+092, K0220+182 - K0221+000, K0221+090 - K0221+481, K0221+543 - K0223+264, K0223+958 - K0227+122, K0228+078 - K0228+433, K0228+797 - K0229+363, K0229+631 - K0230+600, K0230+681 - K0231+765, K0231+811 - K0232+454.50, K0232+544.50 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+558, K0235+816 - K0238+117, K0238+372 - K0238+734, K0238+854 - K0239+593, Tuba, Benguet

**Request for the Modification of the Project: ORGANIZATIONAL OUTCOME 1 : Ensure Safe and Reliable National Road System - Asset Preservation Program - Preventive Maintenance – Primary Roads - Kennon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080, K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet**

	As per GAA/Original	As Modified
Scope of Work	CW1: Preventive Maintenance of Road: Asphalt Overlay	CW1: Preventive Maintenance of Road: Asphalt Overlay <b>CW2: Reconstruction to Concrete Pavement</b>
Physical Target	CW1: <b>34.912</b> Lane KM	CW1: <b>33.994</b> Lane KM <b>CW2: 2.740 Lane KM</b>
Component Amount	CW1: <b>Php 289,500,000.00</b> EAO: Php 10,500,000.00	CW1: <b>Php 259,061,484.83</b> <b>CW2: Php 30,438,515.17</b> EAO: Php 10,500,000.00

The supporting documents based on D.O. No. 23, series of 2023 are attached for your ready reference.

For the consideration of the Secretary.

  
**KHADAFFY D. TANGGOL**  
Regional Director

*CAR.1 CSCE/EFD/JWC/ABM*



## Tables for Modification Request Form

A. GENERAL					
<b>1. REGION</b> Cordillera Administrative Region		<b>2. DEO</b> Benguet First District Engineering Office		<b>3. LEGISLATIVE DISTRICT</b> BENGUET (LONE DISTRICT)	
B. ORIGINAL PROJECT			C. PROPOSED REVISED PROJECT		
<b>4. UACS (Unified Account Code Structure as defined in GAA)</b> 310101100776000 ✓					
<b>5. Project Id</b> P00715141LZ ✓					
<b>6. Project Category</b> OO1: Ensure Safe and Reliable National Road System ✓					
<b>7. Sub-Program (P/A/P)</b> Asset Preservation - Preventive Maintenance - Primary Roads ✓					
<b>8. Operating Unit</b> Central Office			<b>18. Operating Unit (Change subject to DBM approval)</b> Central Office		
<b>9. Type of Work (Enter Details for all Components below)</b>			<b>19. Type of Work (Enter Details for all Components below)</b>		
Component ID	Type of Work		Component ID	Type of Work	
CW1	Preventive Maintenance of Road: Asphalt Overlay ✓		CW1	Preventive Maintenance of Road: Asphalt Overlay ✓	
			CW2	Reconstruction to Concrete Pavement ✓	
<b>10. PROJECT DESCRIPTION (as recorded in GAA)</b> Kennon Road (S00393LZ), K0216+814 - K0219+080, K0220+184 - K0220+303, K0221+092 - K0221+490, K0221+550 - K0223+244, K0223+960 - K0227+122, K0228+080 - K0228+435, K0228+801 - K0229+057, K0229+629 - K0230+608, K0230+681 - K0231+765, K0231+811 - K0232+399, K0232+835 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+554, K0235+825 - K0237+011, K0237+123 - K0238+234, K0238+278 - K0239+593, Tuba, Benguet ✓			<b>20. PROJECT DESCRIPTION (of the revised project)</b> Kennon Road (S00393LZ)- K0216+814 - K0219+092, K0220+182 - K0221+000, K0221+090 - K0221+481, K0221+543 - K0223+264, K0223+958 - K0227+122, K0228+078 - K0228+433, K0228+797 - K0229+363, K0229+631 - K0230+600, K0230+681 - K0231+765, K0231+811 - K0232+454.50, K0232+544.50 - K0233+287, K0233+298 - K0233+425, K0233+434 - K0235+314, K0235+359 - K0235+558, K0235+816 - K0238+117, K0238+372 - K0238+734, K0238+854 - K0239+593, Tuba, Benguet ✓		
<b>11. ALLOTMENT (P'000) (as recorded in GAA)</b> 300,000			<b>21. REVISED ESTIMATED COST (P'000) (Equal to, or lower than GAA allotment)</b> 300,000		<b>22. CAF (To be obtained from Financial Management office)</b> <input type="checkbox"/> YES
<b>12. PHYSICAL TARGET (Enter Details for all Components below)</b>			<b>23. PHYSICAL TARGET (Enter Details for all Components below)</b>		
Component ID	Target	Target Unit	Component ID	Target	Target Unit
CW1	34.912 ✓	Lane Km	CW1	33.994 ✓	Lane Km
			CW2	2.740 ✓	Lane Km
<b>13. UNIT COST (Enter Details for all Components below)</b>			<b>24. UNIT COST (Enter Details for all Components below)</b>		
Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)	Component ID	Component Cost (P'000)	Target Unit Cost (P'000/Target Unit)
CW1	289,500.000	8,292.27773	CW1	259,061.48483	7,620.80028



## Tables for Modification Request Form

		<b>CW2</b>	<b>30,458.51517</b>	<b>11,108.94714</b>
EAO	10,500.000	EAO	10,500.000	
<b>14. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014) Click here to enter text.		<b>25. PROJECT WORK LOCATION</b> (Must be defined in strict accordance with DO 65 Series 2014. Also complete "ANNEX A" for National Road projects under OO-1) Click here to enter text.		
Start X	End X	Start X	End X	
Start Y	End Y	Start Y	End Y	
<b>15. ROAD CLASSIFICATION</b> (if applicable) Primary Road		<b>26. ROAD CLASSIFICATION</b> (if applicable) Primary Road		
<b>16. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the original project) Cordillera Administrative Region		<b>27. IMPLEMENTING OFFICE</b> (Record the Implementing Office of the proposed revised project) Cordillera Administrative Region		
<b>17. PROJECT IMPLEMENTATION PLAN (PIP)</b>		<b>28. PROJECT IMPLEMENTATION PLAN (PIP)</b>		
Planned Start Date	Planned End Date	Planned Start Date	Planned End Date	
05/21/2023	05/14/2024	05/21/2023	05/14/2024	
		<b>29. OVERLAP?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES		<b>30. UNDER WARRANTY?</b> <input checked="" type="checkbox"/> NO <input type="checkbox"/> YES

### D. ATTACHMENTS & JUSTIFICATIONS

#### 31. PROJECT IMPACT ANALYSIS ATTACHED? (For Flood Control Projects)

☐ NO    ☐ YES    ☒ N/A

#### 32. TECHNICAL JUSTIFICATION (Explain in detail in Bullet point format; minimum of 2 points)

Change in Station Limits in the Project Description and Decrease in physical target for CW1 from 34.912 Lane Km to 33.994 Lane Km and Introduction of CW2 due to the following:

- The change in station limits reflects the exact sections which needs to be overlayed due to the fair to poor condition ascertained through RoCond and actual field survey.
- The introduction of the CW2 - Reconstruction to Concrete Pavement component was needed to account for the pavement reconstruction at stations K0220+346 - K0221+000, K0229+063 - K0229+363, K0232+400 - K0232+454.50, K0232+544.50 - K0232+833, K0236+209 - K0236+236 with a total length of 2.74 Lane Km corresponding to 10.51% of the civil works. The reconstruction is necessary for the pavement to be structurally stable prior to overlay, and of the same level with the existing carriageway. This resulted to the decrease in the physical target for CW1.
- The derived unit cost is based on the approved Program of Work (POW) with Detailed Unit Price Analysis (DUPA).

Attached are the following supporting documents: Approved Program of Works (POW) with Detailed Unit Price Analysis (DUPA), Detailed Engineering Design (DED), Certificate of Availability of Funds (CAF), BP 202, Geotagged photos, Certificate of Reasonableness, 2022 Road Condition (RoCond), Certificate of No Overlapping and GIS Map.

#### 33. PHOTOS SUBMITTED




☐ NO    ☒ YES

#### 34. A MAP OF THE PROPOSED PROJECT WORK LOCATION SUBMITTED

☐ NO    ☒ YES



## Tables for Modification Request Form

<b>35. PREPARED BY:</b>			
<b>Name:</b>	 ERLINDA F. DOLIENTE	<b>Position:</b>	Chief, Planning Section
<b>Office:</b>	Planning and Design Division	<b>Date:</b>	
<b>36. REVIEWED BY DISTRICT OFFICE (If Required)</b>		<b>38. REVIEWED BY REGIONAL OFFICE</b>	
<b>Name:</b>		<b>Name:</b>	 ANGELITA B. MABITAZAN
<b>Position:</b>		<b>Position:</b>	Chief, Planning and Design Division
<b>Date:</b>		<b>Date:</b>	
<b>37. RECOMMENDED BY DISTRICT OFFICE (If Required)</b>		<b>39. RECOMMENDED BY REGIONAL OFFICE</b>	
<b>Name:</b>		<b>Name:</b>	 KHADAFF D. TANGGOL
<b>Position:</b>		<b>Position:</b>	Regional Director
<b>Date:</b>		<b>Date:</b>	

## Tables for Modification Request Form

**UACS** (Unified Account Code Structure as defined in GAA)

310101100776000

**Project Id**

P00715141LZ

### 40. DPWH OFFICE OF THE UNDERSECRETARIES FOR OPERATIONS

**Primary Reason for Request (based on Category of Modification):** (choose one)

Category A	Category B	Category C	Category D	Impact
<input type="checkbox"/> Typographical error on Project Description	<input type="checkbox"/> Overlapping Sections <input checked="" type="checkbox"/> Change in Station Limits <input type="checkbox"/> Change in Physical Target	<input type="checkbox"/> No such Barangay <input type="checkbox"/> No such City or Municipality	<input type="checkbox"/> Change in (IO), requiring a change in the (OU)	<input type="checkbox"/> No change or decrease in unit cost <input type="checkbox"/> 20% or less increase in unit cost <input type="checkbox"/> > 20% increase in unit cost



Reviewed by Office of the Undersecretary for Operations

<b>Name:</b>	Engr. MANUEL L. SINGSON	Engr. ANTONIO V. SOBREVINAS, JR.
<b>Signature</b>		
<b>Position:</b>	Project Manager I	Project Manager II
<b>Date:</b>	3/23/23	3/22/23

### 41. DPWH PLANNING SERVICE

<b>Category of Modification</b> (please check the appropriate)	<input type="checkbox"/> Category A – Typographical Error <input type="checkbox"/> Category B – Change in Station Limits <input type="checkbox"/> Category C – Change in Location, due to non-existing location <input type="checkbox"/> Category D – Change in Operating Unit (requires DBM approval) <input type="checkbox"/> Modification does not comply with DBM Categories
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Reviewed by Planning Service

<b>Name:</b>	ANNA ANDREA M. NOCHE	<b>Name:</b>	PETER PAUL R. CORTEZ
<b>Signature</b>		<b>Signature:</b>	
<b>Position:</b>	Regional Coordinator	<b>Position:</b>	OIC - Chief of Programming Division
<b>Date:</b>	3/24/23	<b>Date:</b>	



### ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
CW1	S00393LZ	K0216+814	K0219+092	1659	4175	2516	Preventive Maintenance of Road: Asphalt Overlay	Emulsified Asphalt/ Slurry Surface Treatment (SST)	Lane Km	4.556
CW1	S00393LZ	K0220+182	K0221+000	5144	6008	864			Lane Km	0.236
CW1	S00393LZ	K0221+090	K0221+481	6098	6489	391			Lane Km	0.782
CW1	S00393LZ	K0221+543	K0223+264	6551	8304	1753			Lane Km	3.442
CW1	S00393LZ	K0223+958	K0227+122	8998	12157	3159			Lane Km	6.328
CW1	S00393LZ	K0228+078	K0228+433	13117	13472	355			Lane Km	0.71
CW1	S00393LZ	K0228+797	K0229+363	13836	14404	568			Lane Km	0.532
CW1	S00393LZ	K0229+631	K0230+600	14672	15648	976			Lane Km	1.938
CW1	S00393LZ	K0230+681	K0231+765	15729	16817	1088			Lane Km	2.168
CW1	S00393LZ	K0231+811	K0232+454. 50	16863	17478.5	615.5			Lane Km	1.178
CW1	S00393LZ	K0232+544.5 0	K0233+287	17568.5	18309	740.5			Lane Km	0.908
CW1	S00393LZ	K0233+298	K0233+425	18320	18447	127			Lane Km	0.254
CW1	S00393LZ	K0233+434	K0235+314	18456	20334	1878			Lane Km	3.76
CW1	S00393LZ	K0235+359	K0235+558	20379	20578	199			Lane Km	0.398
CW1	S00393LZ	K0235+816	K0238+117	20836	23155	2319			Lane Km	4.602
CW1	S00393LZ	K0238+372	K0238+734	23410	23772	362			Lane Km	0.724
CW1	S00393LZ	K0238+854	K0239+593	23892	24656	764			Lane Km	1.478

## ANNEX A: Project Work Location Details for National Roads

Component ID	Section ID	Start Limit LRP + Disp	End Limit LRP + Disp	Start Chainage	End Chainage	Length (m)	Type of Work	Detail Scope of Work	Target Unit	Physical Target
CW2	S00393LZ	K0220+346	K0221+000	5308	6008	700	Reconstructi on to Concrete Pavement	Reconstructio n to Concrete Pavement	Lane Km	1.400
CW2	S00393LZ	K0229+063	K0229+363	14104	14404	300	Reconstructi on to Concrete Pavement	Reconstructio n to Concrete Pavement	Lane Km	0.600
CW2	S00393LZ	K0232+400	K0232+454. 50	17424	17478.5	54.5	Reconstructi on to Concrete Pavement	Reconstructio n to Concrete Pavement	Lane Km	0.109
CW2	S00393LZ	K0232+544.5 0	K0232+833	17568.5	17857	288.5	Reconstructi on to Concrete Pavement	Reconstructio n to Concrete Pavement	Lane Km	0.577
CW2	S00393LZ	K0236+209	K0236+236	21251	21278	27	Reconstructi on to Concrete Pavement	Reconstructio n to Concrete Pavement	Lane Km	0.054