



An accessible well maintained fit-for-purpose road network



To provide sustainable road infrastructure for domestic and regional accessibility to spur socio-economic development

## RDA LAUNCHES THE 2022-2026 STRATEGIC PLAN



Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi delivering his speech during the launch of the RDA 2022-2026 Strategic Plan at Mulungushi International Conference Centre in Lusaka.

**Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi says for the Road Development Agency (RDA) to continue delivering on its mandate as enshrined in the Public Roads Act, the Agency is required to periodically and strategically reposition itself to harness opportunities and respond to the emerging challenges in the dynamic environment.**

Hon. Eng. Milupi said the RDA 2022-2026 Strategic Plan which had been launched was anchored on the Eighth National Development Plan (8NDP) and in conformity with the Vision 2030.

He said the Government was happy to note that the RDA Strategic Plan development process was highly consultative and participatory across all key stakeholders.

He said the Plan envisioned “An accessible well maintained fit-for-purpose road network” that will propel socio-economic development of Zambia towards the aspiration of the Vision 2030.

“The Government through the RDA develops Strategic Plans that set the direction of the Agency for a specified period. The Strategic Objectives are rationalized to ensure that the achievement of the Agency’s objectives contributes to the achievement of the objectives in the

Eighth National Development Plan (8NDP) and the Vision 2030.

“I am happy to note that the RDA 2022-2026 Strategic Plan is well set to advance the Governments Policy direction of tapping into the private sector in the development of road and bridge infrastructure,” he said.

He said the Public-Private Partnership (PPP) financing model which was currently being promoted would generated jobs as well as spur socio-economic growth.

“This model will guarantee infrastructure development and service delivery using private capital given the challenging fiscal position our country is facing resulting

from both the poor performance of the economy and huge and expensive debt left by the previous regime.

“I want to assure the public that the PPP Procurement processes are premised on the principles of competition, transparency, fairness, equity and cost-effectiveness. The nation in its current state, will benefit more from this financing model which will in the next coming years contribute to the development of most transport corridors in Zambia,” he said.

He said another issue of great concern to the Government was the quality of some roads constructed. This was an issue of paramount concern because the country was at all times expected to provide an acceptable level of service and value for money to the Zambian public.

“We want to see the construction of roads that will service our people even beyond the design life. As Government, we will not tolerate substandard works by contractors and consultants. There is need to ensure that roads and bridges are constructed to the highest design quality and delivered within agreed time frames and budgets.

“Therefore, those of you who have an opportunity or want to participate in any public infrastructure projects, we demand that you take your work very seriously as

we will not hesitate to terminate contracts or blacklist your firms once you are found wanting,” he said.

Hon. Eng. Milupi said the Government wanted to work with contractors that would contribute to the successful implementation of infrastructure programmes and that quality, efficiency and value for money would continue to be the guiding principles for all players in the construction sector.

RDA Board of Directors Chairperson, Eng. Mulchand Kuntawala said the Strategic Plan projected the Agency’s long-term strategic goals for carrying out its mission of “Providing sustainable road infrastructure for domestic and regional accessibility to spur socio-economic development”.

Eng. Kuntawala said in order for the RDA to effectively deliver on the new mission, it will be guided by the eight core values in line with the national values and principles. These are: transparency; accountability; equity; integrity; innovativeness; excellence; environmentalism; and ownership.

“All employees of the RDA, without exception, are expected to exhibit these values in their conduct whilst undertaking their individual job functions. We are

confident that once all members of staff subscribe to these core values, the new vision and mission statements will be attained,” he said.

Meanwhile, Eng. Kuntawala said it has been observed that the road maintenance has constantly remained a challenge in Zambia despite the implementation of the Road Sector Investment Programmes such as the RoadSIP 1 and 2 and many other projects and programmes.

Eng. Kuntawala said the Road Sector had for the last decade been pre-occupied with undertaking major construction and upgrading works on the Core Road Network (CRN) with little or no sustainable road maintenance activities.

“In line with its vision and mission statements, the RDA has developed three strategic themes, namely: Road Asset Maintenance, Road Infrastructure Development and Good Corporate Governance.

“Measured and targeted efforts will be channeled towards the road asset maintenance which in the long run when sustained will turn positively the prospects of the Road Sector in Zambia. Roads can only attain their design life if they are routinely and periodically maintained in a systematic and sustained manner,” he said.



RDA Board of Directors Chairperson, Eng. Mulchand Kuntawala delivering his remarks during the launch of the RDA 2022-2026 Strategic Plan.



RDA Director and Chief Executive Officer, Eng. Grace Mutembo following the proceedings during the launch of the RDA 2022-2026 Strategic Plan.



Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi (fifth from left) with RDA Board Members after the launch of the RDA 2022-2026 Strategic Plan.



Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi (front row: fifth from left) with RDA Management after the launch of the RDA 2022-2026 Strategic Plan.

# RDA CEO GETS PUSH RECOGNITION



Road Development Agency (RDA) Director and Chief Executive Officer, Eng. Grace Mutembo displaying the award presented to her during the 2023 PUSH Women Awards.



RDA Director and Chief Executive Officer, Eng. Grace Mutembo receiving the award at the 6th Annual PUSH Women Awards.

**R**oad Development Agency (RDA) Director and Chief Executive Officer, Eng. Grace Mutembo was during the 6<sup>th</sup> Annual PUSH Women Awards recognized for her role and contribution to the Engineering fraternity in Zambia.

The awards were presented by the PUSH Women Network to women who had excelled in various fields during the Award ceremony held on 18<sup>th</sup> November 2023 at Ciela Resort in Lusaka.

PUSH Women Network recognizes organizations or individuals that exemplify exceptional dedication to environmental and social consciousness across all aspects of their operations.



Group photograph during the PUSH Women Awards ceremony.



RDA Director and Chief Executive Officer Eng. Grace Mutembo poses for a photograph with Eng. Ellie Muchelenje at the 6th Annual PUSH Women Awards.

# RDA WEIGHBRIDGE OPERATORS INTERCEPT TRUCK FERRYING VANDALIZED GUARDRAILS



**A**lert Road Development Agency (RDA) Weighbridge Operators at Nyimba Weighbridge in Eastern Province recently intercepted a truck laden with some guardrails suspected to have been uprooted along the Great East Road.

The matter has since been reported to Nyimba Police Station and investigations have commenced to establish the origin of the vandalized culverts and bring the culprits to book.

Two people have since been arrested for vandalizing the

guardrails. Eastern Province Police Chief Limpo Liywalii said Howo truck registration number BAE 3173 Trailer No. 1342T was found ferrying 15X4 metres of guardrails valued at K84,000.

The Agency has been witnessing increased cases of vandalism of road furniture on the network. Guardrails, studs, road signage, streetlights and steel culverts are in most cases stolen.

The RDA is appealing to members of the public to be alert and guard the road furniture which is installed at a huge cost. Individuals found vandalizing road furniture should be reported to the nearest Police Station or RDA offices.

# RDA EXTOLS JICA PARTNERSHIP ON BRIDGE MAINTENANCE CAPACITY BUILDING PROGRAMME



*RDA Acting Director Communications and Corporate Affairs, Mr. Anthony Mulowa speaking to Journalists at Kafue River Bridge in Kitwe.*

**The Road Development Agency (RDA) has extolled the partnership with the Japan International Cooperation Agency (JICA) in ensuring that capacity is enhanced towards bridge maintenance activities in Zambia.**

RDA Acting Director Communications and Corporate Anthony Mulowa told journalists in Ndola after concluding the tour of bridges under routine maintenance in Northern and Copperbelt Province that the technical support rendered by JICA had gone a long way in preserving the bridge stock on the Zambian road network.

In Northern Province, 5 bridges namely: Chambeshi; Nkole Mfumu; Lukashya;

Lukulu; and Lubansenshi had been placed under routine maintenance.

On the Copperbelt, 13 bridges have been selected for routine maintenance and 9 had been worked on. These are Kafulafuta Bridge on the Kapiri-Mposhi Road, Kafubu Bridge on the Luanshya-Masaiti Road, Kafue Bridge on the Kitwe-Ndola Dual Carriageway, Kafue Bridge on the Kitwe-Chingola Road, Kafue-Sabina Bridge on the Sabina-Mufulira Road and Kafue Bridge on the Chingola-Chilabombwe Road.

Others are Chingola Bridge on the Chingola-Chilabombwe Road, Lufwanyama Bridge on the Kalulushi-Lufwanyama Road and

the Luswishi Bridge on the Kalulushi Lufwanyama Road.

JICA has been offering technical support since 2015 on building capacity of Engineers at RDA Headquarters and Regional Offices on enhanced bridge routine maintenance management, capacity on enhanced bridge repairs, capacity on bridge inspections and capacity on sustainable systems of human resources development of bridge Engineers at RDA and related organizations such as the University of Zambia (UNZA).

The first phase of the project was completed in August 2017 and the second phase commenced in March 2019.

# ALUNI MULONGA ACROW BRIDGE PROJECT IN KANCHIBIYA DISTRICT



*Construction works of the Aluni Mulonga ACROW Bridge.*

**T**he Road Development Agency (RDA) is working with the Zambia National Service (ZNS) to construct the Aluni Mulonga ACROW Bridge in Kanchibiya District of Muchinga Province.

The project is being supervised by the RDA Muchinga Regional Office.

The works commenced in September 2023 and so far, physical progress attained stands at 40%. The works are expected to be completed in December 2023.

Once the bridge is constructed, this will ease travel challenges that the surrounding communities are facing as there is no crossing point to enable them cross either side of the river.

Ongoing construction works of the Aluni Mulonga ACROW Bridge.



*Ongoing construction works of the Aluni Mulonga ACROW Bridge.*

# GIBSON CHIMFWEMBE AND LULAMBA BOX CULVERTS CONSTRUCTION WORKS IN CHINGOLA



*Construction works at the Gibson Chimfwembe and Lulamba box culverts in Chingola District.*

**T**he Road Development Agency (RDA) is constructing two box culverts connecting Gibson Chimfwembe and Lulamba townships in the Chingola District on the Copperbelt Province.

The two townships have had no direct connectivity for vehicular traffic between them and vehicles intending to connect between the two use longer routes.

There is only a footbridge that was recently constructed, hence, this prompted the need to construct the box culverts to provide vehicular connectivity.

The scope of works includes but is not limited to the following: Site clearing; diversion of the water; backfilling of gully in middle of the proposed road; ground preparations and rock fill works; and construction of reinforced pad foundation.

Installation of 3600 mm x 3000 mm portal frames; construction of wing and head walls; backfilling/raising embankments and construction of approach roads; construction of erosion protection works; and construction of approach drains and road.

The current status of the project is that the Copperbelt Regional Office has fully mobilized, most of the materials have been procured and delivered to site. The cofferdam has been constructed and the water diverted.

The levelling of the riverbed has been completed as well as the rockfill of the same.

Construction of the culvert inverts has been complete and is at curing stage.

Placing of the culverts commenced in the week beginning 13<sup>th</sup> November 2023. The works are expected to be completed by mid-December 2023.



*Steel enforcement on Gibson Chimfwembe and Lulamba box culverts.*



# LET'S SAFEGUARD ROAD FURNITURE



*RDA Acting Director Communications and Corporate Affairs, Mr. Anthony Mulowa speaking to the Journalists during the media tour of bridges under routine maintenance.*

**The Road Development Agency (RDA) is saddened by rampant acts of vandalism of road furniture on the Core Road Network (CRN).**

RDA Acting Director Communications and Corporate Affairs, Anthony Mulowa says the Agency is saddened that the steel culvert had been vandalized on the Great North Road at Simon Village in Lavshmanda District in Muchinga Province.

The same culvert was vandalized halfway last year and the RDA replaced the section which was vandalized with concrete culverts.

“This is a highly retrogressive act which is costing the Government huge costs of money. In addition, this also poses a danger to road users on this section of the road.

“ We continue to urge people in the country to be vigilant and safeguard road

Installations which are borne by the taxpayers,” he said in Lavushimanda during a media tour.

In most cases, steel culverts, guardrails, studs, signage and street lights are vandalized by people who use the materials to make hoes, axes and other homemade tools.



*RDA Acting Director Communications and Corporate Affairs, Mr. Anthony Mulowa (middle) with Muchinga Regional Manager, Eng. Peter Sinkonde (far left) inspecting a vandalized culvert on the Great North Road.*

# GREAT NORTH ROAD HOLDING MAINTENANCE WORKS



*Reconstruction works on the damaged section of the Great North Road from Lukulu Bridge.*

**T**he reconstruction works on the damaged sections of the Great North Road from Lukulu Bridge towards Mpika District are progressing well.

The works are being undertaken by China Geo Corporation.

The works commenced in September this year and are expected to be completed in August 2024.

The contractor has so far done pothole patching of approximately 130 kilometres from Mpika to Lukulu Bridge and this week has started pothole patching works from Mpika to Chinsali.



*Checking on the pavement structure.*



*Reconstruction works on some sections of the Great North Road.*

# ROUTINE BRIDGE MAINTENANCE WORKS IN NORTHERN PROVINCE PROGRESSING WELL



*Lukashya Bridge in Kasama District.*

**R**outine Bridge Maintenance is cardinal in ensuring the sustenance of crossing points in order for them to attain their design life span.

Road Development Agency (RDA) Acting Director Communications and Corporate Affairs, Anthony Mulowa said during a media tour in Kasama recently that the Agency had embarked on Bridge Routine Maintenance on selected bridges in Northern Province.

Techpride Zambia Limited (TZL) has been contracted to work on six bridges in the Northern Province under a project technically supported by the Japan International Cooperation Agency-Zambia Office.

RDA Northern Province Senior Engineer Baldwin Banda said the scope of works involved improvement, maintenance and emergency works on a case by case basis.

He said the maintenance works done so far include handrails and sidewalk repairs on Lubansenshi, Lukulu, Kalungwishi and Lukashya Bridges.

Road over rail, masonry repair works have been done on Chambeshi, Lubansenshi and Lukulu Bridges while vegetation control has been undertaken at Chambeshi, Nkole Mfumumu, Lukashya, Lukulu, Kalungwishi

and Lubansenshi Bridges.

Eng. Banda said the cleaning of the bridge underside and steel girders with remote access and without remote access was done on Chambeshi, Nkole Mfumumu, Lukashya, Lukulu, Lubansenshi and Kalungwishi Bridges.

Touch-up painting on steel girders and cross members was also done at Chambeshi, Lukashya, Lukulu, Lubansenshi and Kalungwishi Bridges.

The other works carried out include crack injection on the abutment walls and piers using epoxy injection on Chambeshi, Lukashya, Lukulu, Lubansenshi and Kalungwishi Bridges.

Concrete patching using Polymer Cement Mortar was conducted on Lukashya, Lukulu and Lubansenshi Bridges.

Lukashya Bridge in Kasama District.



*Lukulu Bridge along the Kasama-Luwingu Road.*

# EMERGENCY MAINTENANCE WORKS ON LUANGWA BRIDGE ALONG THE CHAMA-MATUMBO ROAD



*Emergency maintenance works on Luangwa Bridge along the Chama-Matumbo Road.*

**The embankments for the approach roads and abutments at Luangwa Bridge on the Chama-Matumbo Road were eroded during the 2022/2023 rainy season.**

This necessitated a need to institute emergency maintenance works.

The Road Development Agency (RDA)

Eastern Regional Office has mobilized and commenced emergency maintenance works on the eroded embankments on the approach roads and abutments for the Luangwa Bridge along the Chama-Matumbo Road.

The scope of works includes but is not limited to the following:

1. Backfilling and compaction of fills;
2. Installation of Gabion Baskets;
3. Stone pitching of the section of the approaches to Luangwa Bridge; and
4. River training.

The works will be completed within two months.

# PICTORIAL UPDATE OF SOME PATCHED SECTIONS ON THE TUTA ROAD FROM MUSAILA TO MUKUKU BRIDGE



*Patched sections on Tuta Road from Musaila-Mukuku Bridge.*



*Edge repair works on the Tuta Road.*

# POTHOLE PATCHING WORKS ON THE MONZE-MAZABUKA ROAD



*Pothole patching works on the Monze-Mazabuka Road.*

**T**he Road Development Agency (RDA) has carried out pothole patching works on the 65 kilometres Monze-Mazabuka Road in Southern Province.

The patching works involved backfilling of potholes with cement stabilised gravel and sealing with bituminous premix. The works which began on 29<sup>th</sup> June 2023 were completed on 31<sup>st</sup> October 2023.

The pothole patching has been carried out as holding maintenance works to improve the riding surface and prevent further deterioration of the road. The implementation of periodic maintenance as a long-term intervention is underway.=



*Pothole patching works on the Monze-Mazabuka Road.*

# POTHOLE PATCHING ALONG GREAT EAST ROAD, LUSAKA -LUANGWA SECTION



*Pothole patching along the Great East Road (Lusaka -Luangwa Road section).*

**T**he Road Development Agency (RDA) embarked on the project to patch potholes along the Great East Road from Kenneth Kaunda International Airport (KKIA) traffic circle to Luangwa Bridge, covering a distance of 220 kilometres.

The exercise commenced on July 4, 2023.

The scope of works included but was not limited to the following:

1. Pothole cutting and shaping;
2. Gravel excavation, loading and hauling to sections with defects;

3. Transportation of stone aggregates, cement and bitumen to site;

4. Traffic management;

5. Cement stabilized patching and compaction;

6. Sealing of stabilised patches with cold mix/premix;

7. Edge Repair and shoulder replenishing; and

8. Removal of rubble and site cleaning.

A total distance of 175 kilometres has been covered. The team is currently working on

the remaining 45 kilometres to complete the task.

However, there are two sections adding up to a distance of 1 kilometre at Nyamphande and Mpanshya, which were ripped and are yet to undergo rehabilitation.

The Agency will attend to these two sections besides the depressions on the first 15 kilometres.

The works are planned to be substantially complete by the end of December 2023.

# INSITU JEREMIAH BOX CULVERT WORKS ON THE LUNDAZI-CHASEFU ROAD COMPLETED



*The Insitu Jeremiah box culverts along the Lundazi-Chasefu Road in Eastern Province.*

**T**he Road Development Agency (RDA) has completed works on the Insitu Jeremiah box culverts along the Lundazi-Chasefu Road in Eastern Province.

The scope of works included but were not limited to the following:

1. Fills construction on the approach roads;
2. Construction of reinforced concrete deck;
3. Construction of inlet and outlet structures;

4. Opening of inflow drainage upstream and outflow drainage downstream; and
5. Stone pitching.

The Lundazi-Chasefu Road has since been opened to traffic, a development that has cheered the residents of Chasefu and Lundazi Districts. The Insitu Jeremiah box culverts borders Chasefu and Lundazi Districts in Eastern Province.



*Lundazi-Chasefu Road in Eastern Province.*



# LUANGINGA AND SILANDA BRIDGES CONSTRUCTION WORKS IN KALABO DISTRICT



*Newly constructed Luanginga Bridge in Kalabo District in Western Province.*

## **T**he construction of Luanginga Bridge is substantially completed.

Physical progress for the construction works on the 142 metres Luanginga Bridge in Kalabo District in Western Province now stands at 100% complete.

Works on the 1.8 kilometre embankment connecting to the next bridge across the Silanda River has also reached an advanced stage with physical progress

standing at 80%.

In addition, physical progress on the Silanda Bridge with a span of 129 metres has attained 90% with most of the superstructure already erected.

The connecting road between the two bridges will be constructed to bituminous standard.

To avert the flooding between these two

bridges, three box culverts are also being constructed to more climate resilient standard.

Two of these box culverts have already been completed and works on the remaining box culvert are progressing well. The project is expected to be completed by the end of 2023.

# POTHOLE PATCHING WORKS ALONG CHIRUNDU -SIAVONGA ROAD



*Lundazi-Chasefu Road in Eastern Province.*

## **P**othole patching works along the Chirundu-Siavonga Road have substantially been completed.

The works on the 65 kilometres stretch are being undertaken on Force Account by the Road Development Agency (RDA) Lusaka Regional Office.

The team started sealing the potholes from Siavonga/Chirundu junction (T2/M15 junction).

The works involve cement stabilized patching and sealing potholes with cold mix/premix.

Potholes have been patched on a stretch of 57.4 kilometres.

The team on site has now concentrated its efforts on the last 7.6 kilometres to complete this activity.

## RISK MANAGEMENT CORNER

# PROJECT RISK MANAGEMENT



**E**nvironmental, Social and Governance (ESG) considerations and Risk Management are increasingly important for organizations. Integrating ESG principles and effective Risk Management practices can enhance sustainability, reputation and overall organizational resilience.

ESG Risk Management for an organization like RDA involves integrating ESG considerations into the planning, design, construction and management of road infrastructure. It requires proactive identification, assessment and mitigation of ESG risks to ensure effective organizations operations.

The ESG Risk Management for RDA involves the following:

### 1. Environmental Risk Management:

This will look at identifying and assessing environmental risks associated with road construction and maintenance activities, such as air and water pollution, habitat destruction and carbon emissions.

The implementation of measures to

minimize the environmental impact of construction, such as using eco-friendly materials, adopting energy-efficient practices and reducing waste generation the follows.

Lastly, monitoring and reporting on environmental performance, including water and energy consumption, greenhouse gas emissions and waste management.

### 2. Social Risk Management:

Undertake social impact assessments to identify potential social risks and develop strategies to address them. Engage with local communities and stakeholders throughout the project lifecycle, seeking their input and addressing their concerns.

Then implement measures to enhance road safety and accessibility, including infrastructure for pedestrians, cyclists and persons with disabilities.

### 3. Governance Risk Management:

Establish transparent and accountable governance structures within the Agency.

Then compliance with laws, regulations, and industry standards related to road infrastructure development and management are a must. Regularly assess and monitor the effectiveness of governance processes and systems.

Then lastly, establish a robust monitoring and evaluation system to regularly assess the effectiveness of ESG risk management measures that have been put in place. Continuously review and update policies, procedures, and practices based on emerging ESG risks, technological advancements and best practices.

This can be done by providing training and education to employees, contractors and all relevant stakeholders in the Road Sector on ESG principles in relation to Risk Management.

By implementing these ESG Risk Management practices, the RDA can enhance sustainability, minimize negative impacts, and contribute to the long-term well-being of communities, the environment and the organization itself.

# COPPERBELT REGION HONOURS RETIRED MASUMBA WITH FOUR COWS



*Ms. Masumba in her office.*

**R**etired Copperbelt Regional Human Capital and Administration Officer, Ms. Blandina Masumba was gifted with four cattle during her sendoff surprise party organized by the Copperbelt Regional Office during a farewell party.

Ms. Masumba expressed gratitude for the kind gesture shown to her. She urged her former colleagues to continue with the same spirit of togetherness in good and bad times.

RDA Copperbelt Regional Manager, Eng. Emmanuel Kanguma thanked Ms. Masumba for making the work environment conducive.

Ms. Masumba joined the RDA in 2007 as Administration and Human Resource Officer.



*Ms. Masumba with fellow employee during team building.*



*Ms. Masumba with some Ndola Regional members of staff during a sports event at Levy Mwanawasa Stadium during her tour of duty.*



*Gift well presented.*



Ms. Masumba listening to farewell messages from former colleagues.



A picture frame of Ms. Masumba clustered with send-off messages from her former colleagues.

# PHOTO FOCUS

The Road Development Agency (RDA) joined various organizations in commemorating the 2023, 16 days of Activism Against GBV-2023 at Mulungushi International Conference Centre in Lusaka.



*RDA members of staff pose for a picture during the 2023 commemoration of 16 days of Activism Against GBV at Mulungushi International Conference Centre in Lusaka.*

RDA members of staff pose for a picture during the 2023 commemoration of 16 days of Activism Against GBV at Mulungushi International Conference Centre in Lusaka.

The Road Development Agency (RDA) is among institutions commemorating the 2023 International Anti-Corruption Day.

This year's theme is, "UNCAC at 20: Uniting the World Against Corruption."



*RDA team during the 2023 International Anti-Corruption Day in Lusaka.*