
 An accessible well maintained fit-for-purpose road network

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

GOVERNMENT COMMISSIONS TWO ACROW BRIDGES IN NORTHERN PROVINCE



Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi cutting the ribbon during the commissioning of Solo ACROW Bridge as RDA Board of Directors Chairperson, Eng. Mulchand Kuntawala and invited guests look on.

Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi recently commissioned two ACROW Bridges in Lunte and Luwingu Districts in Northern Province.

The Lukulu and Solo ACROW Bridges have been constructed and installed at a combined cost of K15,934,161.54.

Hon. Eng Milupi said the Government plans to construct and install the remaining 27 bridges in Northern Province within the shortest possible time in order to ease connectivity for the people.

He said the Ministry of Infrastructure, Housing and Urban Development through the Road Development Agency (RDA) is undertaking a programme under which it will construct and install 131 ACROW Bridges countywide.

“In this regard, a total of 29 crossing points has been identified for construction and installation of ACROW Bridges in Northern Province. Two ACROW Bridges have been successfully constructed and installed, one at solo and another at Lukulu in Lunte District.

“The new dawn Government is committed to ensuring that our people travel safely from one place to another. Through such infrastructure, Government is providing safe and smooth travel experience, and reduced travel time,” he said.

RDA Board Chairperson, Eng. Mulchand Kuntawala said the initiative to construct and install ACROW Bridges was part of the Road Sector Investment Programme being implemented countrywide whose key objective is to construct, rehabilitate, maintain and improve or upgrade the core road network.

Eng. Kuntawala said the main objective of the ACROW Bridge programme is to facilitate easy access to areas that have connectivity challenges in order to bring about cost-effective transportation services for enhanced socio-economic development for citizens in the far-flung rural areas.

“It is our hope that with easier accessibility to market areas, the agricultural activities will be enhanced in these areas and create additional jobs and wealth in this sector,” he said.

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Infrastructure, Housing and Urban Development Minister, Hon. Eng. Charles L. Milupi unveiling the plaque during the commissioning of the ACROW Bridge in Northern Province.

He said the ACROW Bridges comprises single and multi-span structures of one and two-lane widths ranging from 12 meters to more than 100 meters in length and were being installed throughout the country by local Zambian engineers, technicians and contractors, trained in the field on assembly, installation and maintenance.

Eng. Kuntawala said the prefabricated steel bridges are well-suited for infrastructure development projects and their modular design allows for easy customization to meet specific site requirements, enabling bridges to be erected in challenging, remote locations.

“Fabricated from high-strength, high-quality steel and hot-dip zinc galvanized to protect against corrosion, ACROW’s premium quality infrastructure solutions are designed to withstand even the most rugged conditions and have a design service life of more than 75 years,” he said.

Eng. Kuntawala said in 2024, the Agency had budgeted for fifteen ACROW Bridges over various water bodies across the country.

Eng. Kuntawala said the Lukulu and Solo Bridge projects involved the assembly and erection of two 700x5 ACROW panel bridges in Lukulu area in Lunte District and Solo area in Luwingu District with clear spans of 27.43 metres and 15.42 metres respectively.

The project was initially awarded to a contractor who commenced the works in November 2019 and executed part of the works before the contract was terminated in 2022. The RDA Provincial office was subsequently funded to complete all the remaining works under force account.

“The works commenced on 30th June 2022 and we are here today to commission these two bridges.”

“We will continue to use our own in-house engineering skills in undertaking these construction works and through the engagement of our all-weather partners, the Zambia National Service (ZNS) and the Zambia Army (ZA). Through this systematic approach we are confident that all the 131 ACROW Bridges will be installed within the available financial resource envelope,” he said.



Aerial view of Lukulu ACROW Bridge.

RDA BAGS TWO TOP AWARDS AT THE 2024 ZAMBIA INTERNATIONAL TRADE FAIR



RDA Board of Directors Vice Chairperson, Eng. Erasmus Chilundika and RDA CEO, Eng. Grace Mutembo led the team in receiving the awards during the ZITF in Ndola.

The Road Development Agency (RDA) scooped two awards at this year's Zambia International Trade Fair (ZITF) in Ndola.

The Agency got the first prize in the Best Exhibit- Transport Services and Allied Industries category while the Road Transport and Safety Agency (RTSA) got the second prize.

The RDA was at it again and scooped the first prize under the Most Innovative Public Sector category while the Zambia Revenue Authority (ZRA) scooped the second prize.



Group photo after the award ceremony

UPDATES OF THE MONTH:

LWAMFUMU ACROW BRIDGE CONSTRUCTION IN MANSA DISTRICT



Lwamfumu ACROW Bridge under construction

The Road Development Agency (RDA) has embarked on the construction and installation of an ACROW Bridge at a crossing near the Zambia National Service (ZNS) camp at Lwamfumu in Mansa District in Luapula Province.

The bridge is located approximately 23 kilometres from Mansa, off the Mansa – Nchelenge (D79) Road at Lwamfumu ZNS camp.

Steel fixing for both abutments has reached 100% completion while formwork to the Eastern abutment steel works have attained

90% completion point. The overall progress on substructures now stands at 70% complete.

It is planned that by the second week of July both abutments will be 100% complete.

The bridge is expected connect the ZNS camp to the security loop which runs along the Luapula River from Chembe District to Mwense District.



Lwamfumu ACROW Bridge

LUSAKA-NDOLA DUAL CARRIAGEWAY ROAD PROJECT



Drainage works in progress.

Works on the Lusaka-Ndola dual carriageway project are progressing well.

The works are ongoing at four different sites on the project corridor. The focus on this report is on the 45 kilometres Masangano-Fisenge-Luanshya Road. The Concessionaire is

currently working on the drainage structures and 50% progress has been attained on the two structures out of three.

Clearing and grubbing has been achieved on the 32 kilometres stretch of the Masangano-Fisenge-Luanshya. Further, roadbed preparation has been undertaken on the 32 kilometres stretch.



Road works in progress.



Works on the Masangano-Fisenge-Luanshya Road.

LUANGWA BRIDGE REPAIR WORKS IN CHAMA DISTRICT



Works on approaches to the Luangwa Bridge on Chama-Matumbo Road.

Following the washaway of an approach embankment to Luangwa Bridge on January 27, 2024 due to flash floods experienced in the area, the Chama-Matumbo Road was cut-off completely at Luangwa River.

However, at that time emergency works to restore vehicular traffic could not be undertaken due to high water levels as well as lack of accessibility across Kamphemba River which was also flooded.

A footbridge was constructed within 24 hours after a washaway to reinstall pedestrian connectivity and other forms of traffic such

as motor bikes and ox-carts.

The water levels have now reduced significantly and the Agency has since instituted permanent remedial works.

Backfilling and reinstatement of the eroded embankment of the approach road on the Matumbo side has been substantially completed while excavations and casting of reinforced base for the abutment on the Chama side of the bridge has been completed.



Works on approaches to the Luangwa Bridge on Chama-Matumbo Road.

CONSTRUCTION OF CHIBULUMA ROAD IN KITWE



Chibuluma Road works.

The Road Development Agency (RDA) has engaged East to West Construction and Mining Limited to construct the 7 kilometres Chibuluma Road in Kitwe to concrete standard.

The following are the works which are ongoing: relocation of

services, construction of pipe culverts, construction of the box culvert, earthworks, roadbed preparation, cement stabilised subbase construction, construction of concrete lined drains and construction of the rigid concrete pavement.



Chibuluma Road works.

IMPROVED RURAL CONNECTIVITY PROJECT (IRCP) FEEDER ROADS REHABILITATION WORKS IN CHINSALI AND SHIWANGANDU DISTRICTS



IRCP road works in Muchinga Province.

The Government through Road Development Agency (RDA) has been rehabilitating feeder roads under the Improved Rural Connectivity Project (IRCP).

The project aims at rehabilitating 4300 kilometres of feeder roads to all-weather gravel standard in all the 10 Provinces of Zambia.

So far, over 1800 kilometers of feeder roads have been rehabilitated to all- weather gravel standard.

Below are images on works being undertaken under Package 14 in Chinsali and Shiwangandu Districts in Muchinga Province.



Quality checks on IRCP road works.

LAUNCHING OF ALUNI MULONGA ACROW BRIDGE IN KANCHIBIYA DISTRICT



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

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

The works commenced in September 2023 and currently the launching of the bridge is underway.

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.



Aluni Mulonga ACROW Bridge works.

ACCESS ROADS TO TOURISM SITES IN MUCHINGA PROVINCE GET FACELIFT



Works on access roads to tourism sites in Chinsali District.

The Road Development Agency (RDA) is undertaking works on selected roads to tourism sites in Chinsali District in Muchinga Province.

Works are being done on 7 kilometres of the Lenshina Road, 5 kilometres of the Shambalakale Road and 7 kilometres of the Chipoma Falls Road

So far, 19 kilometres of clearing and grubbing of the Lenshina, Shambalakale and Chipoma Falls Roads has been undertaken.

About 12 kilometres of road formation works on the Lenshina and Shambalakale Roads have been done, while spot gravelling is ongoing on the Shambalakale Road.

The installation of culverts is also underway.



Works on access roads to tourism sites in Chinsali District.

CONSTRUCTION OF CHIBILA CULVERTS IN MUMBWA DISTRICT COMPLETED



Chibila box culverts in Mumbwa.

The Road Development Agency (RDA) has completed the construction of Chibila box culverts in Mumbwa District in Central Province.

Chibila Community is located approximately 5 kilometres from Mumbwa Central Business District (CBD) and it is predominately a farming area. The community had challenges crossing Chibila stream to access social amenities especially during rainy season because the drainage structure was washed away during the 2022/2023 rainy season.

The works also included spot re-gravelling of the 5 kilometres stretch from Mumbwa to Chibila.

Other works undertaken included: Clearing and grubbing, road formation and spot gravelling,

installation of 3-line 2400x2400 millimetres box culverts including relief pipe culverts, erosion protection works and ancillary road works.



Chibila box culverts in Mumbwa.

MILLING OF SECTIONS WITH EXTENSIVE RUTTING ON THE LUSAKA-CHIRUNDU ROAD



Lusaka-Chilundu Road works.

The Road Development Agency (RDA) has undertaken emergency works at the Kafue Road and Rail crossing along the Lusaka-Chirundu Road.

Both approaches to the level crossing where extensive rutting and shoving were recorded are being milled to specified depths to

level up the road surface, improve the riding quality and enhance safety.

Road signs have also been erected on both approaches to the road-rail crossing.



Lusaka-Chilundu Road.

REUBEN CHITANDIKA KAMANGA, ALEXANDER GREY ZULU TOLL STATIONS GET ADDITIONAL INFRASTRUCTURE



Additional works at Rueben Chitandika Kamanga Toll Station.

In order to enhance security and service delivery at Rueben Chitandika Kamanga and Alexander Grey Zulu Toll Stations in Eastern Province, the Road Development Agency (RDA) is undertaking the following works:

(i) Construction of one, three bedroomed houses at both the Rueben Chitandika Kamanga Toll Gate in Katete and the Alexander Grey Zulu Toll Gate. Works on the two houses are substantially completed.

(ii) Construction of the ablution blocks for clients and staff kitchens for toll collectors.

(iii) Construction of the car park and drive way.

The RDA is also mandated under the Tolls Act No. 14 of 2011 to administer and implement the National Tolling Programme and it has appointed the National Road Fund Agency (NRFA) as the Lead Tolls Agent.



Paving works at Toll Station houses.

NAKONDE-KANYALA ROAD GETS FACELIFT



Nakonde Kanyala Road works.

The Road Development Agency (RDA) has commenced maintenance works which involves regravelling of the 30 kilometres Nakonde-Kanyala Road in Muchinga Province.

The scope of works includes:

1. Clearing and grubbing;
2. Road formation;
3. Spot gravelling; and
4. Installation of culverts.



Nakonde-Kanyala Road works.

REHABILITATION/UPGRADING OF 71 KM MONZE-NIKO ROAD TO BITUMINOUS STANDARD IN SOUTHERN PROVINCE



Monze-Niko Road works.

The Road Development Agency (RDA) is rehabilitating the first 29.5 kilometres section of the Monze-Niko Road and upgrading to bituminous standard that last 41.5 kilometres of section of the same road.

The Scope of works required under this project and respective progress is summarized as follows:

Clearing and grubbing – 55.24%;
 Road bed preparation – 45.86%;
 Mass earthworks – 21.20%;
 Pavement layers and – 0%;
 Pothole patching and levelling course – 10%;

Surfacing – 0%;
 Drainage works – 0%;
 Prefabricated culverts – 4%
 Structures – 0%;
 Ancillary works – 0%;
 Emergency works- 12.8%; and
 Diversion – 36%.

This progress covers the period from 21st November 2023 to 06th June 2024 and all construction work would be completed within 24 months.

EMERGENCY HOLDING MAINTENANCE WORKS ON THE SOLWEZI-KIPUSHI ROAD



Solwezi-Kipushi Road works.

Emergency holding maintenance works on selected sections of the Solwezi-Kipushi Road in North-Western Province are underway.

The Road Development Agency (RDA) has been undertaking maintenance works on some sections of the road that were almost being cut-off during the just ended rainy season.

LUSAKA-CHIRUNDU ROAD MAINTENANCE WORKS



The Road Development Agency (RDA) in its quest to improve the condition of the roads in the Country is undertaking maintenance works on the Lusaka-Chirundu Road.

The move is aimed at improving the riding quality and enhancing road safety.

Road signs have been installed along the escarpment section between kilometre 45.5 and kilometre 48.5 from Turnpike (T1/T2 junction).

This is the critical section infamously known as 'Kapiringozi'.

Members of the public are advised to report any person found

vandalising road signs and other road furniture components which constitute an integral part of the road network.

Additionally, the Agency has commenced road marking on the same stretch to guide vehicles into designated lanes in order to enhance safety. This activity will be extended to the rest of the road once the escarpment area is completed.

The works are being executed under the Force Account using the newly acquired T5 -Thermoplastic Machine. A distance of 2.1 kilometres has been covered out of 8 kilometres and the works are ongoing. Percentage progress for the targeted distance stands at 25%.



Lusaka-Chilundu Road.



POTHOLE PATCHING WORKS ON THE KISASA-MWINILUNGA ROAD IN NORTH-WESTERN PROVINCE



Pothole patching works on the Kisasa-Mwinilunga Road.



Pothole patching works on the Kisasa-Mwinilunga Road.



Pothole patching works on the Kisasa-Mwinilunga Road.



Holding maintenance works on the Kisasa-Mwinilunga Road.