

# Project Experience

## ZIMRA STAFF VILLAGE CIVIL CONSTRUCTION WORKS BEITBRIDGE

This project due to start in early May 2021 is a subcontract to Raubex Construction Zimbabwe who are carrying out the expansion, upgrading and improvement to the Beitbridge modernization project. The work consists of roads, stormwater drainage, water and sewer reticulation and is expected to take 5 months to complete.

*The approximate value of works is US\$1.15 million*

## HARARE – MASVINGO – BEITBRIDGE ROAD PHASE 3 (A)

Widening, upgrading and rehabilitation of Lot15, chainage 164+000 to 184+100, is now in progress and earth works are 60% complete. This project involves widening, upgrading and rehabilitation of the existing road to a width of 12.5m by improving the vertical alignment, cement stabilizing the existing and widened base as subbase and the addition of 150mm of crushed stone base. The surfacing consists of prime and 40mm thick asphalt concrete. Anticipated Completion Date - August 2021.

*Anticipated final value of the works is US\$23 million*

## HARARE – MASVINGO – BEITBRIDGE ROAD

Widening, upgrading and rehabilitation of Lot10 from chainage 50+000 to 58+000 (South of Masvingo) as a subcontractor to Exodus and Company. Project Scope is as per the Bitumen World works as main contractor.

*Anticipated final value is US\$11 million*

## HARARE – MASVINGO – BEITBRIDGE ROAD

Widening, upgrading, rehabilitation and the addition of climbing lanes from chainage 83+320 to 87+400 (South of Masvingo) as a subcontractor to Exodus and Company. This project involved the removal 36,150m<sup>3</sup> of expansive material and backfilling with suitable material in addition to the widening, upgrading and rehabilitation of the existing road to a width of 12.5m. This was done by improving the vertical alignment, cement stabilizing the existing and widened base as subbase and the addition of 150mm of crushed stone base. The surfacing consists of prime and 40mm thick asphalt concrete.

*The approximate value of the completed section is US\$4.0 million*

## HARARE – MASVINGO – BEITBRIDGE ROAD

Widening, upgrading and rehabilitation of Lots 5 and 11, chainage 184+000 to 224+000 (South of Masvingo) is now substantially complete and open to traffic. This project involves widening, upgrading and rehabilitation of the existing road to a width of 12.5m by improving the vertical alignment, cement stabilizing the existing and widened base as subbase and the addition of 150mm of crushed stone base. The surfacing consists of prime and 40mm thick asphalt concrete.

*The approximate value of the completed and current sections is US\$54.0 million*

## CHIMANIMANI CYCLONE IDAI RESTORATION

As a result of the devastating effects of Cyclone Idai, there was a need to restore road communication through the Nyahodi Valley of Chimanimani to the Rusitu Valley running into Chipinge district. The embankments of three bridges on the Nyahodi River were restored, three substantial piped drifts in excess of 100 meters each installed. 54km of regravelling of existing roads carried out and the upgrading of 23km of Kopa-Jopa road is in progress. This work involved upgrading from a poor quality gravel road to a 7m bitumen surfaced carriageway. Substantial lengths of new culverts have been installed and four major river crossing structures have been built. Anticipated date of completion is June 2021.

*Anticipated final value is US\$12 million*

## NORTON ROAD OVER RAIL BRIDGE

This project entailed constructing a road over rail bridge providing for 2 railway lines to pass under the bridge as well as bridge approaches of 1km on each side all whilst allowing rail traffic to pass through.

The major items of work included:

Cut/borrow to fill	75,000m <sup>3</sup>
Gravel pavement layers	8,000m <sup>3</sup>
Crushed stone base	2,900m <sup>3</sup>
Prime and 40mm Asphalt Concrete	10,000m <sup>2</sup>
Reinforcing steel	37t
Concrete	390m <sup>3</sup>

*The value of the project was US\$3,998,200*

## **CHIVI – MANDAMABWE – TOKWE ROAD REHABILITATION**

This project covered a 48km section of the 107km Chivi-Mandamabwe-Tokwe road in Masvingo province. The work consisted of importing an additional 75mm layer of gravel, recycling the additional gravel with the existing base and cement stabilizing to a depth of 225mm. Surfacing consisted of prime and double seal. Major quantities included:

Win, load, haul and dump additional gravel	27,850m <sup>3</sup>
Recycle and cement stabilize 225mm layer	55,670m <sup>3</sup>
Cement	1,885t
Prime coat	315,500litres
19/9.5mm double seal	354,270m <sup>2</sup>
Road marking (white and yellow)	144km

*The value of this project was US\$6,976,634*

## **NGUNDU – TANGANDA PHASE 2**

This project spanned 54km of the 274km Ngundu – Tanganda road and entailed adding 75mm of gravel to selected sections and recycling and cement stabilizing the added material with the existing base to a depth of 225mm. The surfacing consisted of a prime coat and double seal. Major quantities included:

Import additional gravel	9,200m <sup>3</sup>
Recycle and cement stabilize	107,050m <sup>3</sup>
Cement used	4,120t
Prime	346,000litres
19/9.5mm double seal	442,500m <sup>2</sup>
Road marking (white and yellow)	245km

*The value of this project was US\$8,890,404*

## **NGUNDU – TANGANDA ROAD REHABILITATION (30KM)**

Contracted by the Department of Roads Bitumen World rehabilitated a 30km section of the Ngundu to Tanganda road. The work consisted of adding a 75mm layer of gravel to the existing base, cement stabilising and compacting a 225mm thick layer using a recycler followed by prime and 19/9.5mm precoated double seal. The work was completed in 6 weeks.

*The value of this project was US\$3,672,915*

## **HARARE DRIVE (DREW RD TO BORROWDALE RD)**

Under contract to the City of Harare Bitumen World widened this section of Harare Drive to 10m and reconstructed the existing carriageway. The work consisted of the importation of an additional 150mm layer of gravel, cement stabilisation and the compaction of a 250mm monolithic layer using a Recycler. The completed base was then surfaced with 30mm asphalt followed by line marking to SADC standards.

*The value of this project was US\$2,172,478*

## **BINDURA MUCHAPONDWA ROAD REHABILITATION**

Bitumen World was contracted by the Department of Roads to rehabilitate a 5km section of the Bindura to Muchapondwa Road. The work consisted of adding a 150mm layer of base gravel, cement stabilisation and compaction of a 250mm layer using a recycler. The surfacing was a 30mm layer of asphalt concrete and line markings were done to SADC standard.

*The value of this project was US\$1,311,985*

## **JOSIAH TUNGAMIRAI AIR FORCE BASE GWERU**

Bitumen World was contracted by the Ministry of Defence to rehabilitate existing aircraft hardstands and taxiways. The work consisted of milling off 20mm of existing asphalt and relaying with new asphalt followed by line marking.

*The value of this project was US\$2,781,414*

## **ZVISHAVANE ROADS UPGRADING**

As the Main Contractor to Zvishavane Town Council Bitumen World was contracted to upgrade existing high density development roads. The work involved reconstructing the existing subbase, win load haul and compact 150mm base layer, prime and 13/7mm double seal as well as construction of culverts and lined drains.

*The value of this project was US\$1,115,355*

## **WEST ROAD**

Bitumen World was contracted by the City of Harare to reconstruct West Road in Avondale Harare. The work involved stormwater drainage improvement, additional 150mm layer of gravel, cement stabilisation, compaction, prime and 25mm thick asphalt concrete.

*The value of this project was US\$1,161,625*

## **MABASA GROWTH POINT ACCESS ROAD (26KM)**

Bitumen World was contracted by the Department of Roads to reconstruct the access road to Mabasa Growth Point from the main Zvishavane – Shurugwi Road. The work involved the addition of a 150mm layer of base gravel, compaction, prime and 13/7mm double seal.

*The value of this project was US\$3,150,000*

### **GWERU EMERGENCY ROADWORKS**

The Department of Roads with the City of Gweru contracted Bitumen World to carry out the rehabilitation and resealing of various roads within the Municipal area. This involved the importation of additional gravel and compaction of a combined 250mm layer of gravel and insitu base material, prime and double seal. *The value of this project was US\$1,968,780.*

### **MARIMBA AND CHITOWA ROADS RECONSTRUCTION**

Bitumen World was contracted to the City of Harare for the reconstruction and widening of Marimba and Chitowa Roads. *The value of this project was US\$2,177,000.*

### **EPWORTH RESEALS**

This project consisted of remedial works and precoated resealing to roads within the Epworth Local Board area. *The value of this project was US\$409,810.*

### **BULAWAYO EMERGENCY ROADWORKS**

As Main Contractor to the City of Bulawayo Bitumen World resurfaced various roads by means of precoated 13mm reseals and 20mm thick asphalt overlays. *The value of this project was US\$2,644,749.*

### **GWERU EMERGENCY ROADWORKS**

Bitumen World carried out resurfacing works to various roads in Gweru. The work consisted of precoated reseat and asphalt overlay. *The value of this project was US\$1,130,000.*

### **RECONSTRUCTION OF THE ROAD TO FORBES BORDER POST**

Bitumen World was responsible for the widening and reconstruction of the last 800m of the road leading to the Forbes Border Post. The work consisted of bulk earthworks, pavement construction and reconstruction and cement stabilisation of the existing road using a recycler. The surfacing consisted of a prime coat and a 25mm thick hot asphalt layer. *The value of this project was US\$1,220,000.*

### **MUTARE EMERGENCY ROAD REPAIRS**

Bitumen World carried out remedial works to many of the roads in Mutare. The work involved patching, resealing and reconstruction using a recycler. *The value of this project was US\$945,000.*

### **MARONDERA EMERGENCY ROAD REPAIRS PHASE 1**

Bitumen World carried out road repair works

to many of the roads within the municipal area of Marondera. The work involved patching, crack sealing, resealing as well as complete reconstruction using a recycler, prime, double seal and asphalt overlays. *The value of this project was US\$1,630,000.*

### **CITY OF HARARE EMERGENCY ROAD REPAIRS**

Bitumen World carried out emergency road repair works to various roads and major intersections within the municipal area of the city. The work consisted of pothole and slack patching and overlaying major intersections as well as the complete reconstruction of several roads. *The value of this project was US\$4,350,000.*

### **GWANDA ROADS REHABILITATION**

Bitumen World as Main Contractor to the Municipality of Gwanda carried out the rehabilitation of several roads within the Gwanda CBD. The work involved reconstruction and resealing. *The value of this project was US\$393,000.*

### **ZIMBABWE OPEN UNIVERSITY ROADWORKS**

Bitumen World was contracted to complete the bulk earthworks, pavement construction and the surfacing works to the new site for the Zimbabwe Open University. *The value of this project was US\$625,000.*

### **THORNHILL AIRBASE REHABILITATION WORKS**

Bitumen World carried out the rehabilitation of several aircraft hardstands. The work involved the milling off of the existing asphalt surfacing and relaying with new asphalt. The project was for the Ministry of Transport and Infrastructural Development. *The value of the project was US\$475,000.*

### **BULAWAYO CITY COUNCIL**

Bitumen World undertook repair and resealing works to various roads for Bulawayo City Council. *The value of the project was US\$724,000.*

### **GWANDA TOWN COUNCIL**

Bitumen World undertook the repair and resealing works to various roads for the Gwanda Municipality. *The value of the project was US\$265,000.*

### **MBIZO TOWNSHIP (KWE KWE)**

(Prime and double seal surfacing)  
Bitumen World completed all the surfacing works to the newly constructed roads at the Mbizo 21 Township in Kwe. *The value of the project was US\$300,000.*

### **NEW US EMBASSY CAR PARK (WESTGATE HARARE)**

Bitumen World was subcontracted to B. L. Harbert Inc., the Main Contractor building the new US Embassy, to construct the bulk earthworks to the access roads and car parks.

*The value of the project was US\$233,000.*

### **DULIBADZIMO WEST (BEITBRIDGE)**

(PRIME, SINGLE SEAL AND DOUBLE SEAL)

Bitumen World was contracted by SDP Consultants to construct the bituminous surfacing to newly constructed township roads in Beitbridge.

*The value of the project was US\$350,000.*

### **UMGUZA TOWN COUNCIL (BULAWAYO)**

Bitumen World was contracted by the Umguza Rural District Council to patch and reseal sections of road within the district.

*The value of the project was US\$70,000.*

### **BULAWAYO CITY COUNCIL**

This project entailed the patching, crack sealing and resealing of significant sections of roads within the City of Bulawayo.

*The value of the project was US\$725,000.*

### **BORROWDALE COUNTRY ESTATE**

Bitumen World contracted to construct the roads storm water drainage for this housing development.

*The value of the project was US\$359,000.*

### **SUNWAY CITY (HARARE) (PRIME AND DOUBLE SEAL)**

Bitumen World carried out all the surfacing works as a subcontractor to R. Davis & Co.

*The value of the project was US\$200,000.*

### **POLICE GENERAL HEADQUARTERS (HARARE)**

Bitumen World constructed an asphalt overlay to all the existing access roads and parking areas.

*The value of the project was US\$250,000.*

### **1 COMMANDO BARRACKS (HARARE)**

Bitumen World carried out road repairs and resealing works at 1 Commando Barracks in Harare.

*The value of this work was US\$300,000.*

### **ZIMBABWE ROADS REHABILITATION PROGRAM –**

PHASE 1: ROAD RECONSTRUCTION - SECTOR 6, 7 AND 8

Bitumen World was subcontracted by Group Five to carry out the reconstruction of approx. 25km

of road sections between Harare and Rusape. The project duration was 6 months.

*The value of the work completed was US\$5,646,700.*

### **ZIMBABWE ROADS REHABILITATION PROGRAM – PHASE 1: GOROMONZI 6 LANE TOLL PLAZA**

Bitumen World was subcontracted by Group Five to construct the Goromonzi 6 Lane Toll Plaza. The contract included the construction of temporary roadworks, permanent roadworks and the concrete and building works.

*The value of this project was US\$1,787,000.*

### **ZIMBABWE ROADS REHABILITATION PROGRAM—PHASE 1:**

Surface Defects Repair and Reseal - Sector 6: Harare Urban Bitumen World was subcontracted by Group Five to undertake the repair and resealing of the main road through the centre of Harare from the Kuwadzana Roundabout to the Jagers Roundabout. The total length of road being 20km.

*The value of the work completed was - US\$4,770,200.*

### **NEHOSHO RESIDENTIAL DEVELOPMENT (GWERU)**

Bitumen World as a subcontractor carried out the surfacing works to this new residential development in Gweru. The work consisted of priming, single and double seal and the supply and erection of road signs.

*The value of the project – US\$475,000.*

### **REHABILITATION AND RESEALING OF MAIN AND SUBURBAN ROADS IN CHINHOYI**

Bitumen World was involved as main contractor to the Zimbabwe National Road Authority (ZINARA) in the rehabilitation, reconstruction, resealing and asphalt overlay to certain roads within the Chinhoyi Municipality. The main road through Chinhoyi to Kariba as well as a section of the main road to Chegutu were patched and resealed with all road intersections being overlaid with asphalt. Various suburban roads were also reconstructed and/or patched and resealed.

*The value of the project – US\$2,500,000.*