



Consulting Engineers & Planners



TRANSPORTATION ENGINEERING

Transportation infrastructure development is more than ever before crucial for the rapid development of Uganda and the East African Region. While the road sub sector remains predominant, the rail, water and air sectors inevitably have to be propelled into the limelight as key pillars in the modernization of transport in the region.

In this aspect **NEWPLAN** Limited has strategically built competence and an understanding of the real issues in this sector.

This competence spans over a decade of local regional involvement in feasibility studies, detailed engineering designs and construction supervision, value-for-money audits traffic studies for rural and urban roads and bridges spread across the entire Ugandan countryside.

NEWPLAN continues to explore opportunities in the nascent air, water and rail sub-sectors as well as in the emerging oil and gas pipeline transport endeavours.

This brochure captures a selected range of projects that **NEWPLAN** Limited has been or is engaged in providing consultancy services.

NEWPLAN Limited invites you to join our satisfied clientele to engage our consulting team in seeking solutions to your transportation engineering challenges.

HIGHWAYS

TRAFFIC STUDIES

PARKING MANAGEMENT

BRIDGES

RAILWAYS

AIRPORTS

LANDING SITES

MARINE TERMINALS

RURAL ROADS

Financial and Engineering Audit of National Roads Maintenance for Financial years 2003/04 and 2004/05 of the entire 10,500km of the road network in Uganda.

*In Association with PricewaterhouseCoopers
Client: Office of the Auditor General*



Supervision of Periodic Maintenance & Road Marking of Busega-Masaka Road (130km)

Dec 2006– June 2007; Client: Min. of Works & Transport

The main objective of the project was to stimulate economic development in the project region by improving the transportation sector in the region. Busega-Masaka road is a Class II bituminous-surfaced road about 130km, along the Kampala-Mbarara highway. This section commences at Busega round about (10km west of Kampala) and ends in Masaka Town. This road was constructed in the late 1980's and was last rehabilitated in the year 2000. Since then it has only undergone routine maintenance.

Due to the passage of time, coupled with increased vehicular traffic along the stretch, the road had deteriorated and urgently needed attention.

Design and Construction Supervision of Ora Footbridge 2007-2008

The bridge is located off the Nebi – Arua road on River Ora, in Arua District, West Nile. It joins the Sub counties of Okollo and Ofaka. It is designed as a 24m long, girder truss footbridge on reinforced concrete abutments. Services provided:

- Design and tender documentation
- Construction supervision

Traffic Census of 2520 km of National Road Links in Northern Region - Uganda

Dec. 2007 - May 2008, Client: Min. of Works & Transport

The ultimate objective of the Project was to conduct surveys at selected road links in Northern Uganda for the Ministry of Works and Transport. NEWPLAN also carried out data analysis. The data collected is fundamental for the Government transport planning process.



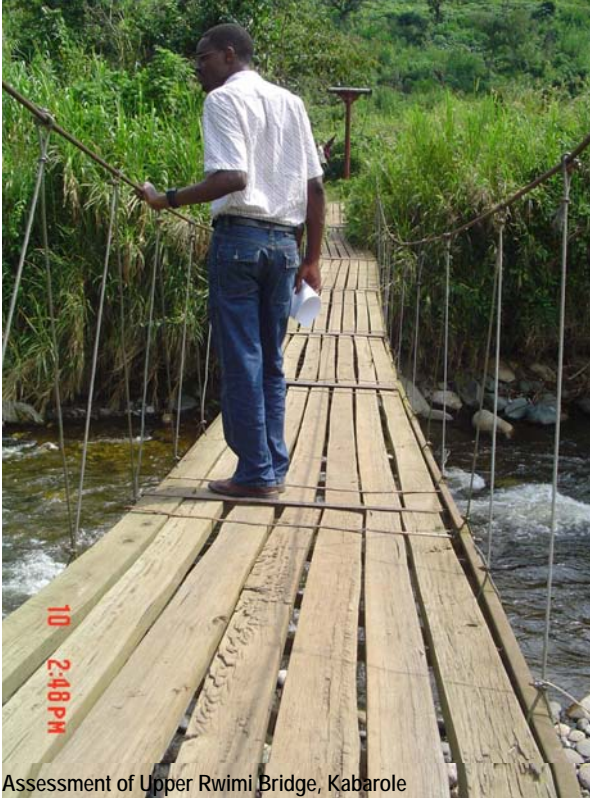
Construction Supervision for Rehabilitation of Nchwera Bridge along Ishasha - Katunguru road (2007-2008)

The bridge is located along the Ishasha Katunguru road in western Uganda, and forms part of the main highway into Democratic Republic of Congo (DRC). It is designed as a 30m long, two lane width composite bridge composed of a reinforced concrete deck on steel beams bearing on reinforced concrete piers.

Supervision of Construction of Buseruka-Kiryamboga Road, Hoima District (6 km) and Kyaterekera-Ndaiga Road, Kibaale District (8km) February 2004 to August 2006

Client: Hoima & Kibaale District Local Governments.





Assessment of Upper Rwimi Bridge, Kabarole

Study; Road Camps & Rest Houses in Uganda

March 2007 to 2009

The main objective of this Study was to update the current inventory of road camps and rest houses by:

- Determining the locations, status, sizes, current utilization, ownership of land & who has encroached on the land;
- Determining the value of the assets, demarcating the land and obtaining their values;
- Determining which pieces of land/assets to keep/retain, disposing of and proposing a modality for disposal and handling encroachers;
- Processing and obtaining deed plans for them.
- Drawing up a strategy for administering and managing the properties that the Ministry will retain.
- And finally preparing a draft policy on the management of road camps including their leasing, divesting, etc.

Design of 25 Road Bridges in Uganda.

May 2005 to Dec 2008, Client: Min. of Works & Transport

The Government of Uganda represented by the Bridges and Drainage Unit of the Ministry of Works & Transport embarked on addressing the bottlenecks on classified and feeder road networks by removing the major impediments to traffic. In this respect, 25 highly distressed locations on the classified and feeder road networks will undergo construction of new bridges or major rehabilitation works. In this respect, NEWPLAN Limited was assigned the task of providing consultancy services for detailed design and construction supervision of bridges and culverts at these sites. The sites are located in the districts of Arua, Kitgum, Gulu, Lira, Kotido, Moroto, Mbale, Kapchorwa, Kabarole, Kasese, Mbarara, Bushenyi, Rukungiri, Luwero, Sembabule and Mpigi. Below are two of the 25 bridge projects.

Supervision of Periodic Maintenance of Ishaka-Katunguru Road (59 km)

Apr 2005 - Mar 2006

The Ishaka - Katunguru road is a Class B bituminous surface road stretching 59 km. It is part of the Mbarara - Kasese highway totalling 157 km. Due to the passage of time since the last periodic maintenance in the 1990's coupled with increased vehicular traffic along the stretch, there was need for periodic maintenance to arrest further deterioration and protect the investment. NEWPLAN's ultimate role in the project was to provide construction supervision services for the periodic maintenance of the road.

Rapporteur Services to the 4th Joint Transport Sector Review Workshop, Uganda

Oct/Nov 2008; Client: Min. of Finance, Planning & Economic Development

The services provided included preparation of Wrap-Up Report, Proceedings Report, Action Matrix and Aide Memoire.



Assessment of Aswa Bridge in Gulu



Assessment of Nalakas Bailey Bridge, Kotido



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