

Victor Khanye LM – LED Workshop

Department of Public Works, Roads and Transport

3 April 2014



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Overview of Issues to Discuss

- Budget position
- Road Network Management, incl Coal Haul Roads, Road protection, etc.
- Operational Plan Overview
 - Capital: Upgrading & Rehabilitation
 - Maintenance: Routine maintenance, preventive maintenance
- Road Maintenance: In-house teams, Outsourced, Patching, etc.



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Budget Overview

Funding Source	Activity	Budget 2014/15 R'000
PRMG	Provincial Roads	R 654 130
PRMG	Plant Maintenance	R 12 000
PRMG	Flood damage repairs	R 76 310
PRMG	Coal Haul	R 848 400
	Sub-total:	R 1 594 840
Equitable Share	Personnel	R 398 507
Equitable Share	Program Support	R 1 125
Equitable Share	Planning	R 12 049
Equitable Share	Design	R 2 827
Equitable Share	Construction	R 99 292
Equitable Share	Plant Procurement	R 20 000
Equitable Share	Other	R 68 168
Equitable Share	Sub-total:	R 601 967
	Total for Road Infrastructure	R 2 196 807



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Road Network & - Management

- Provincial roads had been declared as such in Gazette (MEC)
- RAMS (Road Asset Management System) – see Web portal www.mp-rams.gov.za
 - Much other info available
- Coal Haul Road network
 - Special funding for ***pre-defined*** network serving ***Eskom power stations***
- Annual Road Network Assessment & comprehensive report (incl road condition)



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RAMS Web Interface

Mpumalanga Provincial Road Asset Management System (RAMS)

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Road Asset Management System (RAMS)

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Start Here! New Bridges GIS Layers Google Earth Downloads Help About

Start typing the name of what you are looking for in the block below:
Search...

or, Select the road number below:
P29/1+ |

Search results / selected features

P29/1+ x

icon	dir...	name	description	roa...	sur...	fro...	to_km	len...	rif...	reg...	loc...
	+	P29/1	P29/1_010+, (from: PROVINCIAL BOUNDARY {Boundary} to: D2089 {T Junction: Left})	P29/1	flexibl	12.62	13.02	0.4	3	Nkan	Deli
	+	P29/1	P29/1_020+, (from: D2089 {T Junction: Left} to: D1255 {T Junction: Left})	P29/1	flexibl	13.02	15.18	2.16	3	Nkan	Deli
	+	P29/1	P29/1_030+, (from: D1255 {T Junction: Left} to: D840 {T Junction: Left})	P29/1	flexibl	15.18	18	2.82	3	Nkan	Deli
	+	P29/1	P29/1_040+, (from: D840 {T Junction: Left} to: D1550 {T Junction: Left})	P29/1	flexibl	18	26.83	8.83	3	Nkan	Deli
	+	P29/1	P29/1_070+, (from: Start subsidy {Subsidy: Start} to: End subsidy {Subsidy: End})	P29/1	flexibl	26.83	28.9	2.07	3	Nkan	Deli
	+	P29/1	P29/1_080+, (from: End subs. (Delmas)	P29/1	flexibl	28.9	29.4	0.5	3	Nkan	Deli

road inventory | charts | Items close to P29/1+

RAMS is 100% OSS powered! | Geoserver | PostgreSQL | PostGIS | OpenLayers | GeoExt | Ext JS | License Information: GPLv3, Google | Google Earth API and Google Maps | Terms of Service | RAMS disclaimer and privacy policy



Recent Projects

- P53/2 – Leandra – Standerton (just outside LM)
- Rehabilitation of Coal Haul Road P95/2 between the Gauteng Border South of Bronkhorstspuit and Delmas (17.9km)
- Emergency Patching and Special Maintenance of Coal Haul roads



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Current & Planned Projects

- Emergency Patching and Special Maintenance of Coal Haul roads
- Possible to start in 2014/15
 - Rehabilitation of Coal Haul Road D686 from Leeuwfontein past Kendal Power Station over R555 (P95/1) to N12 (14 km)



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DPWRT Resources

- All capital (major) projects are outsourced
- Maintenance:
 - In-house teams
 - Term contractors



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Cooperation with Various Role-Players

- Due to limited budget various role-players are doing maintenance work on Provincial roads (on their own cost)
- The procedure to do this:
 - Initial contact with DPWRT, define problem, discuss roles
 - Formal application from relevant entity
 - DPWRT issues a wayleave, which states the relevant conditions, etc.
 - Work can then be done as per approval
 - Incl DPWRT oversight
 - Variations on the model is possible and have been used



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Cooperation with Various Role-Players

- Cooperation should be further discussed today
 - To suit local circumstances
 - Within DPWRT's budget & capacity constraints
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Road Protection & Legal Requirements

- Any work in, over, above, below and across road reserves are subject to approval by the DPWRT i.t.o Act
 - Includes access to Provincial roads
- Building Restriction line
 - All structures within 95m of a Provincial road is subject to approval
 - Exceptions include agriculture
 - Business rights, change of land use, township establishment, etc. included in requirement



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Thank You!



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