



CITY OF JOHANNESBURG
Councillor Nonhlanhla Makhuba
Member of the Mayoral Committee
Transport

24 October 2017
For Immediate Release

Media Release
Interventions to Tackle Traffic Signal Down Time Bears Fruit

With over 2,135 signalized intersections across Johannesburg's road network, traffic cable faults have reduced from 185 in November 2016 to 147 in September 2017, a notable 20% reduction. The impact is due to additional interventions put in place by **Johannesburg Roads Agency (JRA)** in tackling traffic signal downtime.

Since the inception of the No-Joints Policy in March, JRA has successfully re-cabled 30 intersections as part of a systemic rollout of recabling at 200 intersections underway in this financial year. Re-cabling aims to progressively reduce high incidence of signal downtime at the most critical high-volume intersections city wide.

Member of the Mayoral Committee for Transport, Cllr. Nonhlanhla Makhuba said: "JRA has made great strides identifying key intersections which are major contributors to congestion across the city. Following the Executive Mayor's launch of the No Joints policy, the City has invested R45 million Capex budget as part of the 2017/2018 implementation programme which will see the recabling of 200 priority intersections. The roll out involves the removal of old and damaged joints that give rise to repeated faults, most prevalent during rain. The project will see the recabling of 40 intersections from July- October 2017, 30 from November – December 2017, 50 from January – March 2018 and 80 from April - June 2018.

All fault types, with the exception of power faults, have seen a reduction to date. Since last November, power outages have increased from over 30% to over 50% in September 2017. Analysis of JRA's traffic fault statistics reveals that technical faults contributed to 20% overall faults in November 2016.

Over the last nine months, technical faults have seen a 6% reduction, and at present stands at 14%. In addressing power outages, the city has established a closer relationship between JRA, City Power and Eskom to improve turnaround time to restore power.

JRA has implemented a Smart Traffic System which includes remote monitoring of the traffic signals to ensure that faults are detected and immediately, technicians dispatched and repairs carried out. Since the implementation of the Smart Traffic System, 75% of faults have been detected by remote monitoring system and proactive maintenance by JRA technicians. The turnaround time per fault repair by JRA technicians is at present at 21 hours.

As part of JRA's proactive engagements, 427 Uninterrupted Power Supply (UPS) units have been installed across the city to provide power to intersections during outages, allowing Eskom and City Power to address faults within 24 hours. This has reduced traffic signal outages, congestion and has improved motorist safety.

JRA has set aside R30 million towards the roll out of 230 additional UPS units over the current financial year. The staggered implementation will include 30 UPS units installed from October – December 2017, 100 from January- March 2018 and 100 from April – June 2018.

Efforts are underway to employ additional traffic signal technicians to improve pro-active maintenance and diagnosis of repeat faults. We are implementing the use of alternative materials to reduce copper content in cables in our fight against theft and vandalism.

**Traffic Intersections Re-cabled Since the Launch of the No Joints Policy:
March – June 2017**

Region	Ward	Location
F	57	HEIDELBERG RD & HOUER RD
E	91	PRETORIA MAIN RD S & FOURTH ST
C	84	ONTDEKKERS RD & SONOP ST / CRANE AVE
C	70	ONTDEKKERS RD & DIE OU PAD
C	85	CROUS DR / WILGESPRUIT RD & BONNY DOONE RD
C	84	ADDERLEY ST & SONOP ST / AMSTERDAM ST
F	60	JORISSEN ST & BERTHA ST
F	60	DE KORTE ST & HARRISON ST / SIMMONDS ST
F	60	DE KORTE ST & BICCARD ST
F	60	DE KORTE ST & MELLE ST
F	60	JORISSEN ST & BICCARD ST
F	60	JORISSEN ST & SIMMONDS ST
C	44	ELIAS MOTSOLEDI RD (ROODEPOORT RD) & VAN ONSELLEN RD / JONAS MOABI ST
F	124	SIMMONDS ST & VILLAGE RD
F	124	SIMMONDS ST & PRITCHARD ST
B	90	GROSVENOR AVE / CAMBRIDGE AVE & ROTHESAY AVE

Traffic Intersections Re-cabled July - September 2017/18

Region	Ward	Location
E	73	ELEVENTH AVE & FIFTH ST
E	73	ELEVENTH AVE & CENTRAL ST
E	73	IVY RD & OSBORN RD
E	109	BOWLING AVE S / KATHERINE ST S & SOUTH RD
E	103	BALLYCLARE DR & ST AUDLEY RD
F	60	AMESHOF ST & BICCARD ST
F	60	JAN SMUTS AVE & AMESHOF ST
F	60	ENOCH SONTONGA AVE & RAIKES
F	60	DE KORTE ST & HENRI ST
F	60	ENOCH SONTONGA AVE & TORRANCE (WITS)
C	85	WILGEROOD RD & TOPAZ AVE
F	60	DE KORTE ST & EENDRACHT ST
B	102	OAK AVE & DOVER ST
C	70	ONTDEKKERS RD & DIE OU PAD

Follow JRA for the latest developments, journey planning tips, alternative routes, and traffic advisory via:

- Website: www.jra.org.za
- Twitter: @MyJra,
- Facebook: Johannesburg Roads Agency
- Email hotline@jra.org.za,
- JRA Find&Fix mobile app
- JRA A-Z Traffic Calming Guide, visit:
<http://www.jra.org.za/customer-service/traffic-calming-request>

ENDS

For more information, please contact:

Tebogo Mogashoa
Stakeholder Manager: Office the MMC for Transport
Cell: 072 631 3783
Email: tebogomoga@joburg.org.za