

REPORT TO: TRANSPORT PORTFOLIO COMMITTEE:

1. ITEM NUMBER TRNS 10/06/21

M3968

2. SUBJECT

LINE MARKING QUARTERLY FEEDBACK REPORT

ONDERWERP

KWARTAALLIKSE TERUGVOERINGSVERSLAG OOR PADSTREEPMERKING

ISIHLOKO

INGXELO YEKOTA ENGOKUPHAWULWA KWENDLELA

3. DELEGATED AUTHORITY

In terms of delegation

This report is FOR NOTING BY

- Committee name** : Transport
- The Executive Mayor together with the Mayoral Committee (MAYCO)
- Council

4. DISCUSSION

A number of engagements have been held with the PC with respect to the quality and longevity of road markings. It was agreed that the district offices would submit their overall road marking schedule to the various subcouncils and further engage with them to identify 2-3 specific locations that will allow councillors to monitor the performance of the paint in varying road environments. The report tabled at the March PC then provided feedback on the engagement with the various subcouncils.

The purpose of this report is to provide quarterly feedback on the condition of the markings at the various locations since they were painted. Due to unique environmental and location specific conditions like grey water, sand, traffic volume etc it proved difficult to quantify the performance of the paint. In order to illustrate the extent, if any, of deterioration it was decided to allocate a visual assessment (VA) rating that could be used to measure or demonstrate the performance of the paint over time. A VA rating of 1 to 5 as described below was decided upon.

In order to minimise the amount of subjectivity or personal opinion of the observer, the following broad guidelines were used to determine the rating:

1 = Excellent, 2= Very Good, 3= Good, 4 = Fair, 5 = Poor

1 = appears to be freshly painted (usually in a low trafficked area with minimal environmental factors like grey water, sand etc)

2 = All markings in very good condition and visible in all weather conditions with little to no discolouration

3 = Markings 65% visible – some signs of discolouration due to tyre markings

4 = Glass beads gone, low retro-reflectivity / visibility (see portions of black asphalt road surface through paint)

5 = markings 50%+ faded

In summary it is quite noticeable that in certain locations markings show significant signs of deterioration after 3-6 months. Other locations show no sign of deterioration after almost 1 year. This can be attributed largely to site specific conditions including large capacity vehicles, turning movements, road surface, weather and lack of formal infrastructure.

Feedback

Subcouncil	Feedback – PC March 2021	Feedback – PC June 2021 - Locations	Rating and comment
01	No response from SC – Blaauwberg district provided locations. Marking will commence beginning March 2021. District has set up dates for marking to take place and for SC members to attend or inspect on their own time. District office will keep SC informed on progress.	<p>Corner of Charel Uys Drive and Sampson Road (KFC) in Avondale</p> <p>Corner of Neil Hare Road and Charel Uys Drive (West Coast College) in Atlantis Industrial.</p> <p>Corner of Grosvenor Avenue and Hoop Crescent (Four Way Stop) in Saxonsea.</p>	<p>Markings done early April 21 inspection will be carried out in July and rating established.</p> <p>Markings not yet done, inspection will follow 3 months after and visual rating will be established</p> <p>Markings not yet done, inspection will follow 3 months after and visual rating will be established</p>
02	No response from SC regarding any specific area. District presented the SC with site proposals in line with annual line marking programme, which was accepted. Site-visits will be scheduled accordingly to monitor longevity of markings.	North Pine c/o Old Paarl Road & Eon Way	Markings not yet done, inspection will follow 3 months after and visual rating will be established
03	SC provided proposed locations and also accepted proposals put forward by Blaauwberg district – district has set up dates for marking to take place and for SC	c/o Stepney road and Avonmouth Avenue	Marking done 29/01/21 inspected 12/05/21, rating = 1

	members to attend or inspect on their own time. SC provided preferred locations to Parow District office. District will inform SC when markings are completed.	c/o Wood Drive and Sandown Road	Marking done 29/01/21 inspected 12/05/21, rating = 1
04	No proposals received from SC – District will identify locations in consultation with SC and inform when markings are completed. Subcouncils will undertake monitoring as per their own time schedules or as agreed with district officials	Parow : Voortrekker Rd between Ryan St up to and incl Steenbras St , as well as Tygervally St.	Markings done Nov 2020 (through annual term tender), Inspected 20/05/21, rating = 2
05	No proposals received from SC – District will identify locations in consultation with SC and inform when markings are completed. Subcouncils will undertake monitoring as per their own time schedules or as agreed with district officials.	Bonteheuwel: Bluegum Street from Bonteheuwel Dr to Kiaat Rd	Marking done - Feb 2021 (through annual term tender), inspected 20/05/21, rating = 2
06	No proposals received from SC – District will identify locations in consultation with SC and inform when markings are completed. Subcouncils will undertake monitoring as per their own time schedules or as agreed with district officials	Bellville: Bellrail Rd from Rogert Sobukwe up to and including oos Street and Bellrail residential area.	Markings will be done in July 21, inspection will follow 3 months after and visual rating will be established
07	Specific locations identified by SC. Line markings done. Site visit scheduled for 29 March 2021.	Durban Road (from Durbanville Town Hall toward Bellville) Church Street, Durbanville Verdi Boulevard (vicinity Cobble Walk)	Markings done mid-2018, inspection 14/04/21, rating = 2 Markings done by depot early 2019, inspection 14/4/21, rating = 2 Markings done early 2021, inspection 14/4/21, rating = 1
08	Locations provided by SC – markings will commence toward end of March 21	De Beers Road (Ward 83) George Street (Ward 85)	Marking still in progress expected completion June 2021, inspection will follow in 3 months and visual rating will be established

		Admirals Way (Ward 100)	
09	No response from SC or any roads identified. District will continue with planned works, as per line marking programme submitted. Subcouncils will undertake monitoring as per their own time schedules.	Bonga Drive Japhta K Masemola Mew Way	Marking done 10/2020, inspection 05/21, rating = 3 Marking done 10/2020, inspection 05/21, rating = 3 Marking done 03/21, inspection 05/21, rating = 2
10	Locations provided by SC, some of the roads on the list (locations) were completed between November and December 2020. Remaining roads to be scheduled in February/March 2020 subject to the availability of funding. There are certain sections that would have been done under resurfacing projects, however these projects were declined due to capacity issues. Will reschedule resurfacing projects when new tender is awarded and do the markings as part of the resurfacing projects.	Pama Rd Lwandle Drive Japhta K Masemola Road Mew Way Steve Biko Drive Oscar Mpetha Street Walter Sisulu Road Msobomvu Drive Ngcwalazi Street	Marking done 03/2021, inspected 05/21, rating = 1 Marking done 10/2020, inspected 05/21, rating = 3 Marking done 11/2020, inspection 05/21, rating = 3 Marking done 03/21, inspection 05/21, rating = 2 Marking done 03/21, inspection 05/21, rating = 4/5 Marking done 03/21, inspection 05/21, rating = 3 Marking done 10/2020, inspection 05/21, rating = 4 Marking done 03/21, inspection 05/21, rating = 4/5 Marking done 03/21, inspection 05/21, rating = 4/5

11	No locations received. District will continue with planned works as per line marking program submitted. Subcouncils will undertake monitoring as per their own time schedules.	<p>NY 111 from no 77 to 159 Gugulethu 7</p> <p>NY 132 from no 1 to 75 Vanyaza street Gugulethu</p> <p>NY 111 from Corner of NY1 to NY109 Gugulethu</p> <p>NY 109 from Corner of NY10 to NY109 Gugulethu</p> <p>Ashraf/Kismet Avenue, Rylands</p> <p>Jane/Ashraf Avenue Rylands</p> <p>Surrans rd Hanover Park</p> <p>Downberg Rd, Hanover Park</p>	Marking done 21/02/21, inspection 05/21, rating = 3
12	No response from SC or any roads identified. District will continue with planned works, as per line marking programme submitted. Subcouncils will undertake monitoring as per their own time schedules.		
13	No response from SC or any roads identified. District will continue with planned works, as per line marking programme submitted. Subcouncils will undertake monitoring as per their own time schedules.		
14	No specific locations received – District informed SC that markings would be done in Dec 20. Subcouncils will undertake monitoring as per their own time schedules.	Focus on main thoroughfares and busy intersections	Marking done 12/2020, inspection 05/21, rating = 3
15	Locations provided by SC – Markings will painted toward end of January 21	Cnr Union & Uitvlug Circle into Francis Road, Pinelands (Ward 53)	Marking done 19/03/21 Inspected 19/05/21 – rating = 1

		Koeberg Rd/Section St (Ward 55) Cnr of Gunner Circle and Odin Drive, Epping (Ward 53)	Marking done 19/3/21, Inspected 19/5/21, rating = 1 Marking done 19/3/21, Inspected 19/5/21, rating = 1
16	Locations provided by SC – Markings will painted toward end of January 21	Buitengracht St & Hans Strijdom (Ward 115) Marine Drive & Paarden Eiland Rd, (Ward 115)	Marking done 19/3/21, Inspected 19/5/21, rating = 1 Marking done 19/3/21, Inspected 19/5/21, rating = 1
17	SC Identified specific wards with issues – district have informed SC markings will commence last week of January 21. SC requested before and after photos and they will conduct monitoring after completion.	Klipfontein Road (Johnson Road to M5 Bridge); Lower Klipfontein Road (Johnson Road to Thornton Road) and Jan Smuts Drive (Klipfontein Rd to N2 Bridge)	Markings done 18/02/21, Inspection 05/21, rating = 2
18	No response from SC – District will continue with planned program and inform SC of progress. SC can undertake monitoring as per their own time schedules.	Parkwood Ottery Wetton	Marking will commence May/June 21, inspection will follow in 3 months and visual rating established
19	District put forward locations to the SC and these were accepted. Markings have been completed. Subcouncils will undertake monitoring as per their own time schedules.	De Waal/Main Kommetjie/Highway Dias Ave/2 nd Cresc	Marking done early 12/2020, inspection 05/21, rating = 4 Marking done late 01/21, inspection 05/21, rating = 2 Marking done late 01/21, inspection 05/21, rating = 3
20	District put forward locations to the SC and these were accepted. Markings have been completed. Subcouncils will undertake monitoring as per their own time schedules.	Princessvlei, De Waal, Piers, Meyerick and Athlone rd	Marking done 02/21, Inspection 05/21, rating = 1

21	Locations provided by SC – markings will commence toward the end of February 21	Hindle Road (Ward 108); Highbury Road (Ward11/19); Nooiensfontein Road (Ward 11/19)	Marking commenced in SC area 29/03/21 expected completion of entire SC 31/05/21, inspection will follow in 3 months and visual rating will be established
22	Locations provided by SC – markings will commence toward the middle of March 21	Beverly Street (Ward 16) Stratford Avenue (Ward 16) Denemere Drive (Ward 14)	Marking commenced in SC area 29/03/21 expected completion of entire SC 31/05/21, inspection will follow in 3 months and visual rating will be established
23	(Ward 43 - Athlone District) – Presentation was done at the SC to inform committee of report – markings in ward 43 complete. Subcouncils will undertake monitoring as per their own time schedules. (Ward 76 – Khayelitsha District) – submitted a list of streets to be repainted. These streets were completed last year as it formed part of our original programme. No other locations or roads identified. District will continue with planned works, as per line marking programme submitted. Subcouncils will undertake monitoring as per their own time schedules.	Strandfontein Phillipi / Schaapkraal	Markings done 08/20, inspected 05/21, rating = 2 Markings still to be done, inspection will follow in 3 months time and visual rating established
24	No response from wards within Khayelitsha district or any roads identified. District will continue with planned works, as per line marking programme submitted. Subcouncils will undertake monitoring as per their own time schedules. Wards within Somerset West district have provided locations – markings will commence toward the beginning of April 21.	Centenary Drive (Ward 15) Dummer Street (Ward 15/84) Caledon Street (Ward 84)	Marking still in progress expected completion June 2021, inspection will follow in 3 months and visual rating will be established

FOR FURTHER DETAILS CONTACT

NAME	Jade Oliver	CONTACT NUMBER	081 770 5462
E-MAIL ADDRESS	Jade.oliver@capetown.gov.za	Jade Oliver	<small>Digitally signed by Jade Oliver Date: 2021.05.24 19:20:22 +02'00'</small>
DIRECTORATE	Transport	FILE REF No	
SIGNATURE :			
ACTING DIRECTOR	Odwa Gabuza		<small>Digitally signed by Odwa Gabuza Date: 2021.05.24 21:31:01 +02'00'</small>

EXECUTIVE DIRECTOR

NAME	Dalene Campbell	COMMENT:
DATE		<small>Digitally signed by Dalene Campbell Date: 2021.05.25 10:21:12 +02'00'</small>
SIGNATURE		

LEGAL COMPLIANCE

- REPORT COMPLIANT WITH THE PROVISIONS OF COUNCIL'S DELEGATIONS, POLICIES, BY-LAWS AND ALL LEGISLATION RELATING TO THE MATTER UNDER CONSIDERATION.
- NON-COMPLIANT

NAME		COMMENT:
DATE	Joan-	For information.
SIGNATURE	Mari Holt	
	<small>Digitally signed by Joan-Mari Holt Date: 2021.05.25 11:31:53 +02'00'</small>	