

**DEPARTMENT: ENTERPRISE AND INVESTMENT
BUSINESS RETENTION & EXPANSION BRANCH**

Blackheath Truck Embayment Proposal



Authored by: Shanel Willemse and Tobin Collins



Contents

1. Introduction:3

2. Problem Statement:.....3

3. Background:.....4

4. Purpose:4

5. Benefits:5

 5.1. Improved Road Safety5

 5.2. Traffic Flow Optimization5

 5.3. Environmental Impact5

 5.4. Increased Efficiency for Businesses.....6

6. Conclusion.....6

7. Possible Blackheath Sites:7

 25 Trafford Road.....7

 20 Anfield Road.....7

 60 Wimbledon Road.....7

8. Sources/References:.....8



1. Introduction:

In today's rapidly advancing world, efficient transportation infrastructure is crucial for economic growth and development. In this concept note, we will discuss the need for a truck embayment – a designated area for truck parking and maneuvering – and the benefits it can bring to a community and its businesses (Supplement, 2019).

2. Problem Statement:

For years, motorists have been faced with the danger of ending up in accident because of potholes, faded paint lines or a truck driving over them on the streets of Blackheath.

Complaints have been forwarded to the department of transport about faded lines at the intersection and roads that has not been serviced regularly. Furthermore, heavy vehicles which drive daily cause degradation to the road which poses a risk.

The City of Cape Town has received numerous complaints. Together with Councillor and officials, a meeting was held on the 10th, 14th and 17th February and 11th April 2023. This was to formulate possible solutions to make Buttskop, Anfield and Trafford road more pedestrian friendly.

Furthermore, it is unsafe for truck drivers to park and off load at the same spot as it impedes the flow of traffic.

Below are few points that were raised in the discussions (10th February, 14th February, 17th February):

Safety of Intersection at Trafford and Buttskop road	Frederick Street (Industrial) Range road parking – A signalized intersection at Buttskop road and Frederick street.
<ul style="list-style-type: none"> • Infamous Buttskop road level crossing, made safer for Cape town pedestrians. • Notorious for its horrific accidents, the Buttskop road level crossing in Cape Town has been realigned for pedestrians safety. • A funding of R500 million was made available to improve developments in Blackheath industrial area. • The progress on Anfield Road has received no traction since (2012-2017). 	<ul style="list-style-type: none"> • Requests were sent to traffic for calming measures to protect scholars between Buttskop and school road. • About 300 signatures from participants were received in relation to Range road intersection. • Official stated that there was an historic backlog & lack of approvals.

3. Background:

With the rise in global trade and freight transportation, roads have become crowded with commercial trucks, leading to numerous challenges. Lack of available parking spaces for trucks poses a major problem for both long-haul truckers and local businesses. This issue not only affects road safety but also leads to traffic congestion, increased fuel consumption, and additional costs for businesses. Addressing these challenges requires the establishment of truck embayments along major trucking routes.

4. Purpose:

The primary purpose of a truck embayment is to provide a designated area where a truck driver can safely park, rest, and perform necessary maintenance tasks without impeding traffic flow or encroaching on public spaces. By designating specific areas for truck parking, the embayment aims to alleviate the burdens caused by on-street parking, reducing congestion and enhancing road safety for all users. A comprehensive and sustainable business plan is needed to effectively manage and coordinate the implementation of a fair and long-lasting managed public parking system throughout the entire city. With the reference to the TDM Strategy, there are no provisions made for a truck embayment within the industrial nodes.

According to the TDM Strategy for the City of Cape Town, public parking plays a crucial role in reducing reliance on cars and improving the share of different transportation modes. It is viewed as a significant tool in TDM and a means to generate revenue or capture value. . The main objective of the Business Plan is to concentrate on establishing the most suitable business and contractual agreements between the City and the parking service providers. It also involves determining the best parking fees and determining how to expand managed parking throughout the city. Furthermore, it is recognized that additional inquiries are necessary to address the issue of traffic congestion within the city. Hence, the subsequent inquiries are suggested:

- Continuing to approve development applications without enforcing a restriction on the amount of provided parking, particularly in areas with minimal parking requirements, further promotes the utilization of private vehicles. Therefore, it is necessary to examine restrictions on the quantity of parking permitted, as well as potential financial or developmental consequences associated with thresholds.
- It is advisable to examine congestion strategies aimed at harmonizing public and private parking charges. This would help reduce reliance on private vehicles and accomplish goals related to Transit-Oriented Development (TOD) and Transportation Demand Management (TDM) (City of Cape Town, 2018).

5. Benefits:

5.1. Improved Road Safety:

By providing truck drivers with a safe and designated parking area, the risk of illegal parking and accidents caused by inadequate rest stops can be minimized. This promotes road safety for both truckers and other motorists traveling along the route.

5.2. Traffic Flow Optimization:

Truck embayments strategically located near highways and industrial areas can help reduce congestion. By providing a convenient and accessible area for trucks to park and maneuver, smooth traffic flow is ensured, resulting in reduced travel time, enhanced productivity, and lower fuel consumption.

5.3. Environmental Impact:

Reducing traffic congestion through the establishment of truck embayments can help mitigate carbon emissions associated with idling trucks in congested areas. Improving traffic flow and minimizing idle time for trucks can have a positive impact on the environment, contributing to sustainability initiatives.

5.4. Increased Efficiency for Businesses:

A truck embayment can also serve as a hub for truck-related services and facilities. This includes fuel stations, rest areas, repair and maintenance shops, and even amenities for drivers. Such infrastructure can create opportunities for local businesses to cater to the needs of truck drivers, providing a boost to the economy in the surrounding area.

5.5. Possible site locations for truck holding areas:

Please refer to section 7 of the images listed below.

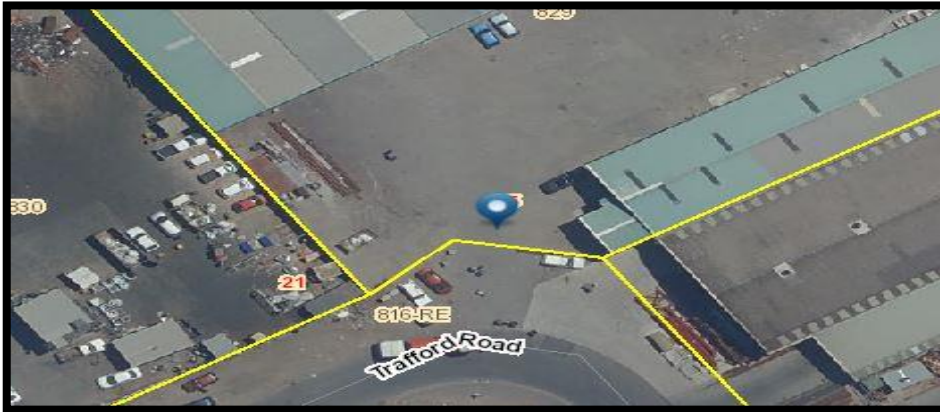
6. Conclusion:

In conclusion, establishing truck embayments offers a strategic solution to the challenges faced by the trucking industry, as well as the communities and businesses relying on efficient freight transportation. Enhancing road safety, optimizing traffic flow, reducing environmental impact, and creating economic opportunities are among the many benefits associated with the implementation of truck embayments. By prioritizing the establishment of such areas in our transportation infrastructure planning, we can foster sustainability and economic growth while significantly improving the overall efficiency of the trucking industry.

7. Possible Blackheath Sites:

The below images have been identified as possible sites for a truck stop. Please refer to the hyperlinks of each address for further zoning requirements.

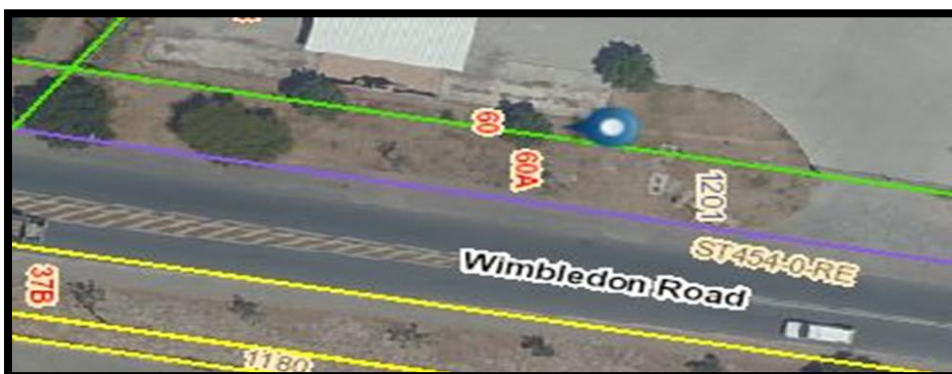
[25 Trafford Road](#)



[20 Anfield Road](#)



[60 Wimbledon Road](#)



8. Sources/References:

City of Cape Town, 2018. <https://www.capetown.gov.za>. [Online] Available at:
<https://resource.capetown.gov.za/documentcentre/Documents/City%20strategies%2c%20plans%20and%20frameworks/Comprehensive%20Integrated%20Transport%20Plan.pdf> [Accessed 18 July 2023].

Supplement, A., 2019. *The Mail and Guardian*. [Online] Available at:
<https://mg.co.za/article/2019-10-25-00-africas-largest-truck-stop> [Accessed 12 July 2023].