

## **ABSTRACT**

The Magadi road (C58) is a class C stretch of road running for 101 KM from Bomas to Magadi. Purposefully the road was designed to function as a transit road connecting Magadi soda ash Company to Nairobi City, but of recent, it has served more than a transit road. Towns such as Kware, Ongata Rongai Kiserian have formed along it, making Ongata Rongai to be more than a transit road with transformation of the land uses adjacent to the road. This has put a lot of strain on the transit road, whose use has shifted to that of an arterial street along some points, such as the Ongata Rongai corridor therefore hindering movement and circulation. This has brought about the need for integration of an arterial street along the Ongata Rongai corridor so as to not only accommodate the movement of traffic, but also provide for access to the neighboring land uses

This report is an integrated development plan of the Magadi road, beginning from the Masai Mall to the Ongata Rongai police station. It looks at various ways of integrating the Magadi road to an arterial street taking into consideration the land uses which have been justified by the rapid development of Ongata Rongai. This case is evident through the increase in change of use from agricultural to residential which simultaneously leads to the increase in population of those using the Ongata Rongai corridor as a street more than as a transit road.

This project therefore provides for the integration of the Magadi road, so that it functions not only as a conduit for movement and circulation or a connecting link between Nairobi and Ongata Rongai to Kiserian but also as a street with inclusive designs that provides for all people in Ongata Rongai and that will serve people for a period of 20-25 years before there is need for redevelopment.