Eng. Catherine Munyi is currently a Resident Engineer for a Multi-Billion Road Improvement project in the Nyanza region of Kenya, She has extensive experience in Road Design, Contract management and Project Management

Consultants Perspectives on Social Equity and Accessibility

Major Projects

Eng. Catherine has participated in the Design and Implementation of several Road Projects in Kenya.

Some of the notable projects she has been involved in include:

- Resident Engineer; Design Review and Construction Supervision Of Kisumu – Chemilil – Muhoroni – Kipsitet Road Project. Lot 1: Mamboleo Junction (A1) – Miwani Section
- Deputy Resident Engineer; Construction Supervision of Ol Joro Orok – Dundori (C83) road
- Technical Auditor and Performance Auditor; KRB Audit of Nairobi Region Authorities & KeNHA Corridors
- Highways Engineer; Preliminary and Detailed Engineering Design of Uplands – Githunguri – Ngewa (C65) Road and Banana – Ndenderu – Kanunga (C63) Road project
- Assistant Highways Engineer; Preliminary and Detailed Engineering Design of Embu – Kibugu – Kianjokoma – Runyenjes Road

Comments on Possible Interventions

To address the Social Equity and Accessibility provisions, we have proposed the following interventions during the design review and construction of Mamboleo Junction – Miwani Road

1. Provision of footbridges
2. Provision of wide shoulders and covered drains
3. Introduction of service lanes
4. Provision of bus bays
5. Improved access to businesses and properties at Mamboleo
6. Pedestrian crossing

Provision of footbridges

- 2 No. footbridges have been proposed in the project.
- Footbridge locations were determined through public participation
- 1 No. footbridge will serve Mamboleo center and span over six lanes. It has ramps for easy access and usage on both sides in addition to the normal staircase
- The other footbridge has been proposed at Uzima University along LBDA Mall – RIAT/Airport Roundabout Road
- The transition from the footbridges to walkways will have ramps

2 *Provision of wide shoulders and covered drains*

- 2.5 m wide shoulders have been provided on both sides of the carriageway.
- The drains are covered
- The provided width is adequate for use by pedestrians and cyclists; walkways will be provided
- The shoulders are separated from the carriageway by kerbs to make it safer for users

3 Introduction of service lanes

- During design review, a need for service lanes on both sides of the dual carriageway was identified and introduced
- The service lanes start at Km 0+000 and terminate at Km 3+500 to serve the major center along the project road.
- Introduction of service lanes improves the level of service of the other 2 lanes in each direction while also helping to serve the properties and businesses along the road

4

Provision of Bus bays

- Bus Bays have been proposed along major centers and institutions on all project roads
- Proposal to have shelters at the bus bays will be presented
- Ramps for easy access from the bus lane to the shelter and pedestrian walkway

5 *Improved access to businesses and properties at Mamboleo*

- The proposed service lanes were lowered at Mamboleo Center where there were high fills to make business premises and properties easy to access.
- Ramps will be provided where service lanes are not at the same level with adjacent properties

6 Pedestrian crossing

- Pedestrian crossing points have been provided at specific critical sections of the road.
- The crossing points will be properly marked and adequate proper road signage provided
- Access to walkways at the pedestrian crossing will be seamless