



UNIVERSITEIT VAN PRETORIA
UNIVERSITY OF PRETORIA
YUNIBESITHI YA PRETORIA

MAMELODI FRAMEWORK

CHAPTER 05

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LINEAR NODAL DEVELOPMENT FRAMEWORK FOR MAMELODI

- Natural Growth
- Service Delivery
- Reclamation of Forgotten Spaces, Areas and People
- Reinvigoration of Existing Fabric

BY TAMRYN NEL & HAYLEY THEA ROBERTS

“The make-up of Tshwane should rather be understood within the context of a polycentric (multi-nodal) metropolitan region.” (THE CITY OF TSHWANE 2007: 10)

AIMS AND OBJECTIVES

Large Urban commercial frameworks have very rarely been achieved within a socio-political context, as they require an extensive amount of governmental effort, energy and finances in order for these schemes to be implemented successfully. This form of Urban planning or vision often takes little cognisance of the existing fabric and natural growth that could occur within the area, which would lead to a richer urban fabric and better appropriateness of place. Rather

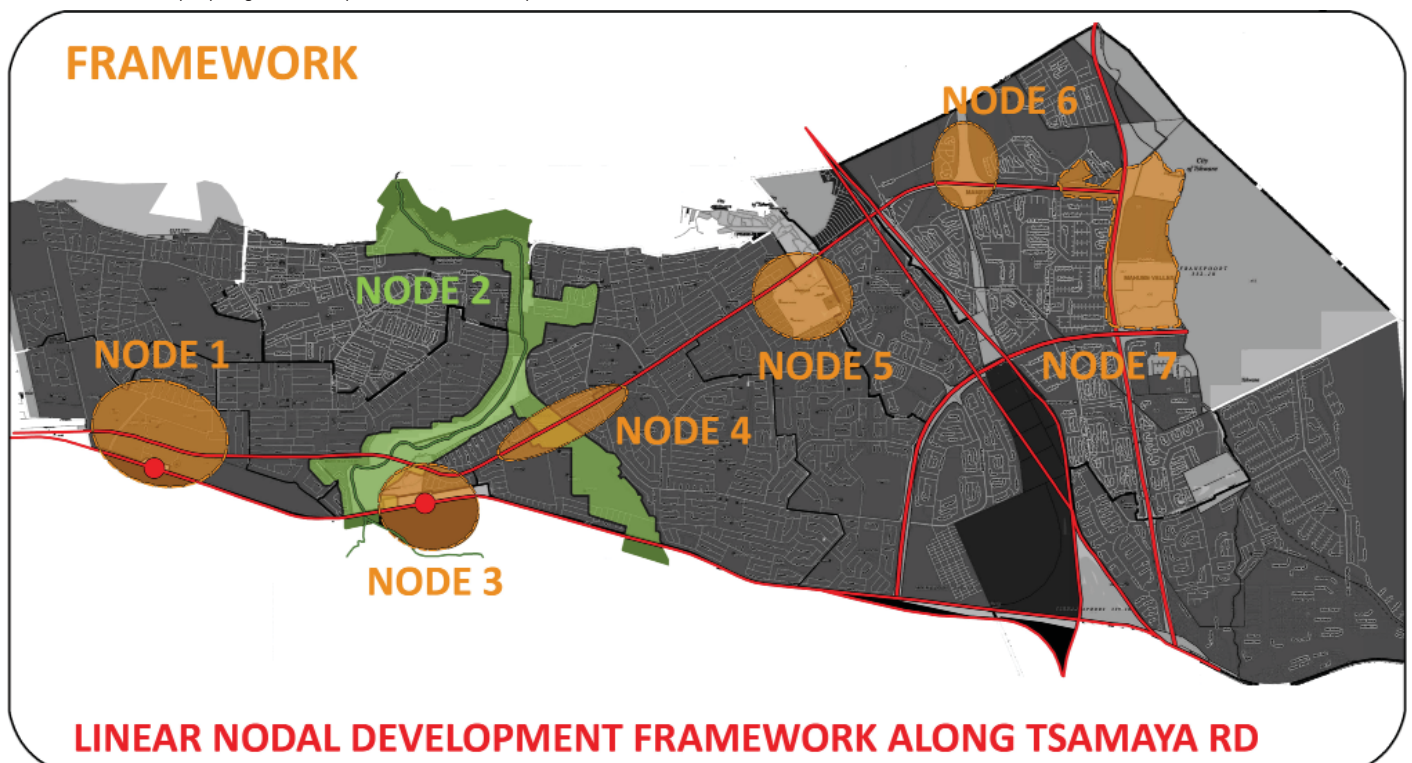
than the imposition of a single person’s or organisation’s vision and ideologies there should be a listening conversation between the community and the designer.

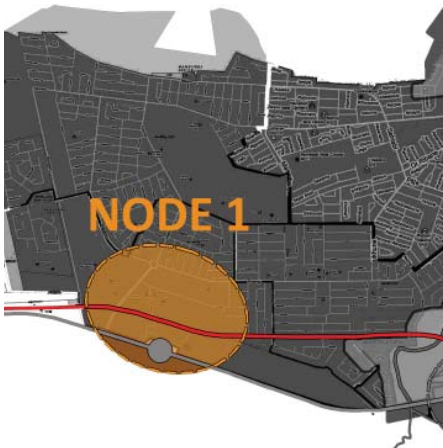
“Harmonious surroundings provide a support for outer social and inner personal harmony. Harmony can be achieved by rules – but it lacks life. Or it can arise as an inevitable but life-filled consequence of listening conversation” (DAY. 1990:70)

The frame work that we are proposing for Mamelodi is a Linear Nodal Development Framework. The definition of this framework is the upgrading and provision of services coupled with the implementation of individual catalytic interventions, such as community oriented or commercial facilities; in order to facilitate natural growth and cohesion to reclaim lost or forgotten spaces, areas and peoples within the existing fabric.

Mamelodi’s cultural and historical past as a township has caused large scale fragmentation and poor planning that has disrupted the built and social fabric. Forgotten spaces and cracks in the form of buffer zones, empty sites and disjointed or absent services have become almost institutional in the Mamelodi context. The reclamation of these isolated, forgotten spaces and their stitching together through the improvement of existing infrastructure and provision of services becomes the focus of the Linear Nodal Development Framework.

56. Modified Ward Map Depicting Nodes for Proposed Linear Nodal Development Framework





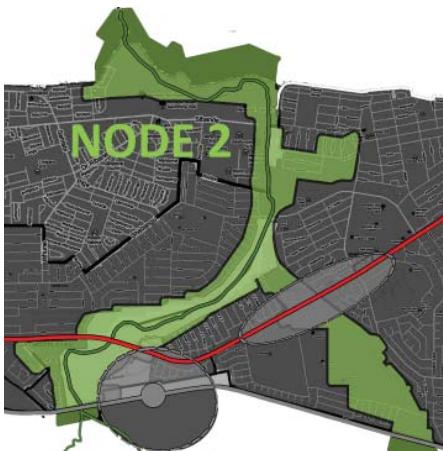
57. Framework - Node 1

NODE 1

- Inter-Modal Transport Junction
- High Density Housing
- Commercial and Office
- Mixed Use Development



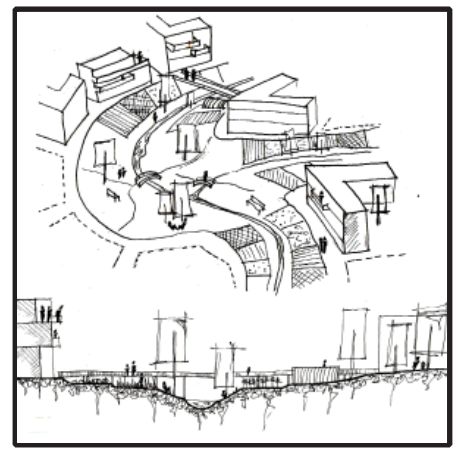
58. Framework - Node 1 Sketches



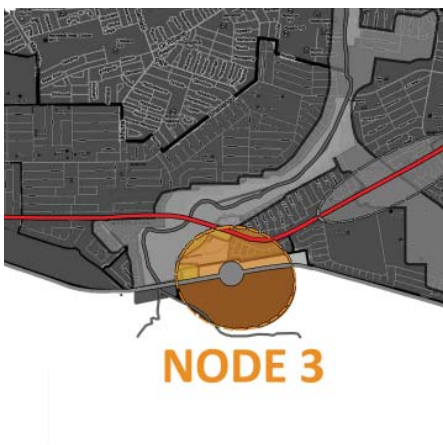
59. Framework - Node 2

NODE 2

- Rehabilitation of Pienaar River
- Urban Agriculture & Permaculture
- Community Green Spaces and Parks
- Pedestrian Access



60. Framework - Node 2 Sketches



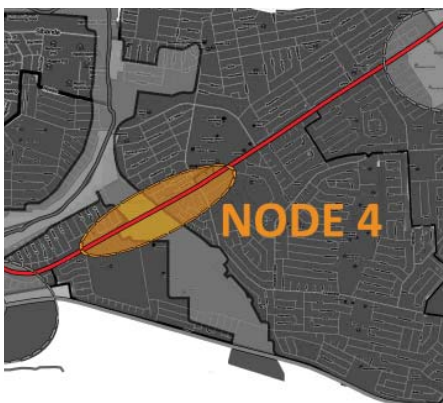
61. Framework - Node 3

NODE 3

- Inter-Modal Transport Junction
- High Density Housing
- Informal Trading
- Mixed Use Development



62. Framework - Node 3 Sketches



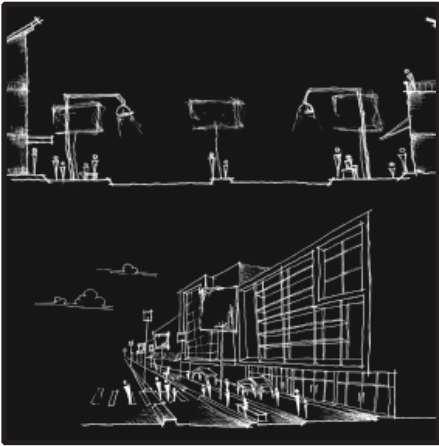
63. Framework - Node 4

NODE 4

- Mixed Use Development
- Community & Religious Functions
- Medium Density Housing



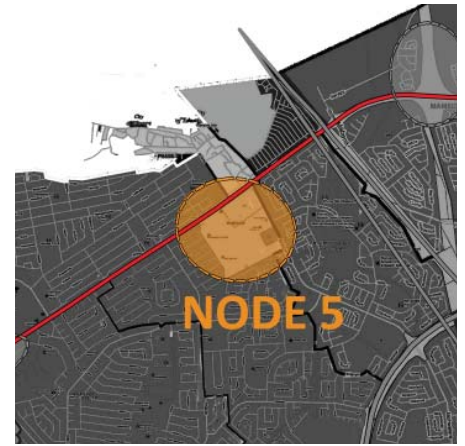
64. Framework - Node 4 Sketches



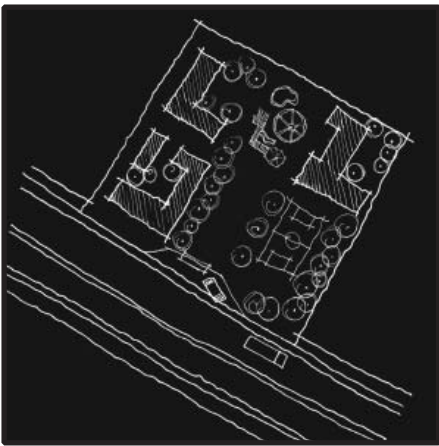
65. Framework - Node 5 Sketches

NODE 5

- Community Oriented Functions
- Service Delivery
- Public Transport – Bus & Taxi Stops



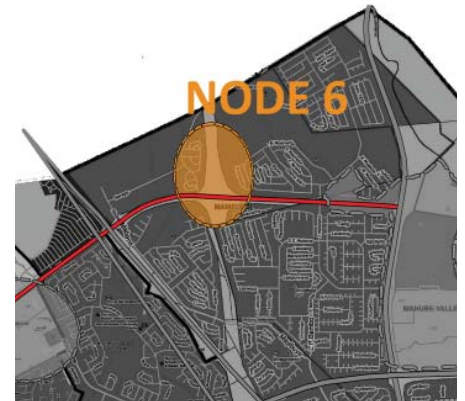
66. Framework - Node 5



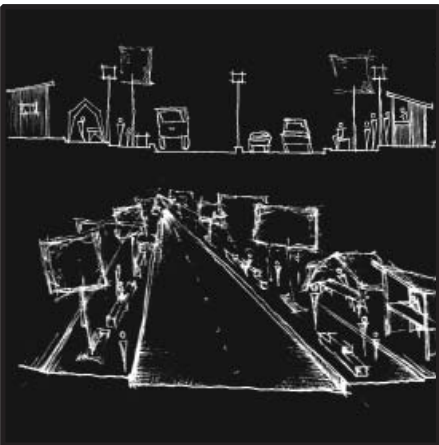
67. Framework - Node 6 Sketches

NODE 6

- Religious & Community Oriented Functions
- Service Delivery
- Public Transport – Bus & Taxi Stops



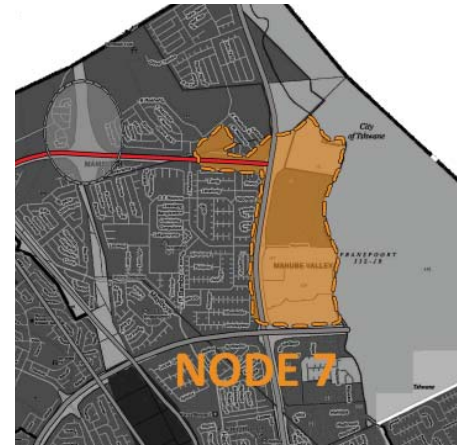
68. Framework - Node 6



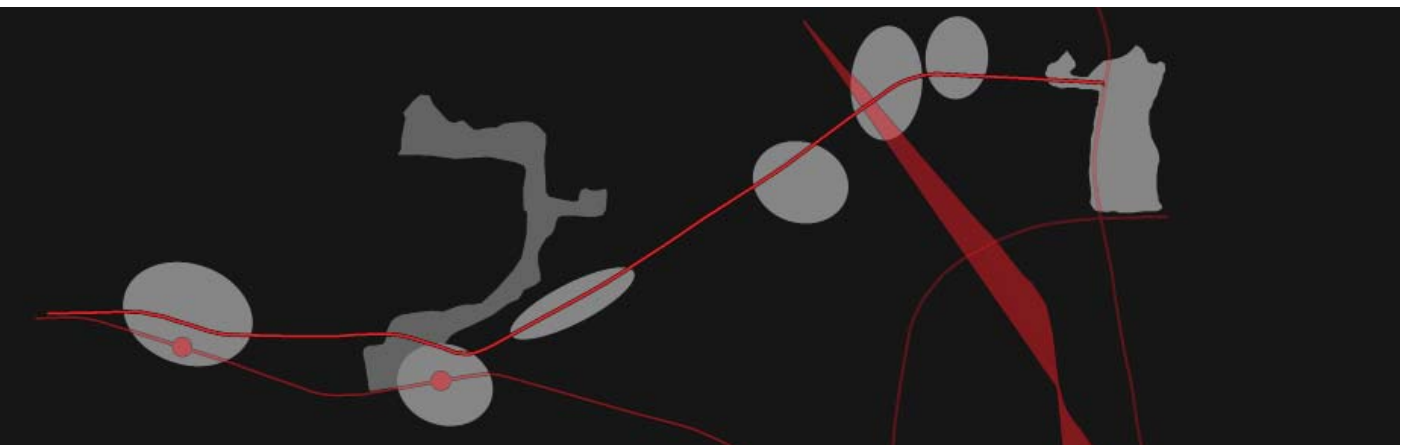
69. Framework - Node 7 Sketches

NODE 7

- High Density Commercial
- Mixed Use Development



70. Framework - Node 7



71. Linear Nodal Development Framework for Mamelodi - Abstract Plan