

# ENGINEERING UNIT

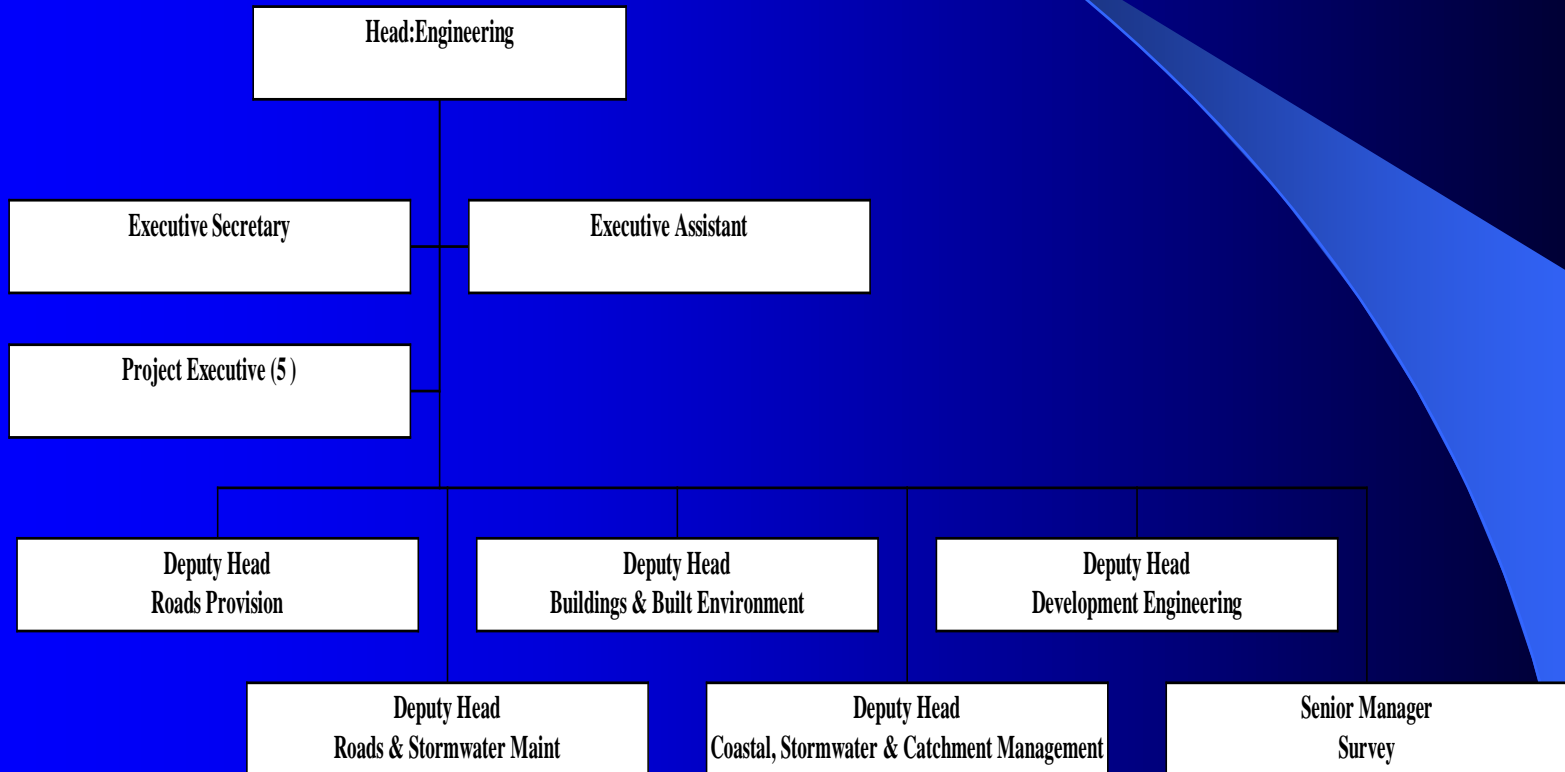
## PROCUREMENT & INFRASTRUCTURE CLUSTER

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# STRUCTURE



**ETHEKWINI MUNICIPALITY  
 PROCUREMENT AND INFRASTRUCTURE CLUSTER  
 ENGINEERING UNIT  
 ROADS PROVISION DEPARTMENT  
 MANAGEMENT BRANCH**

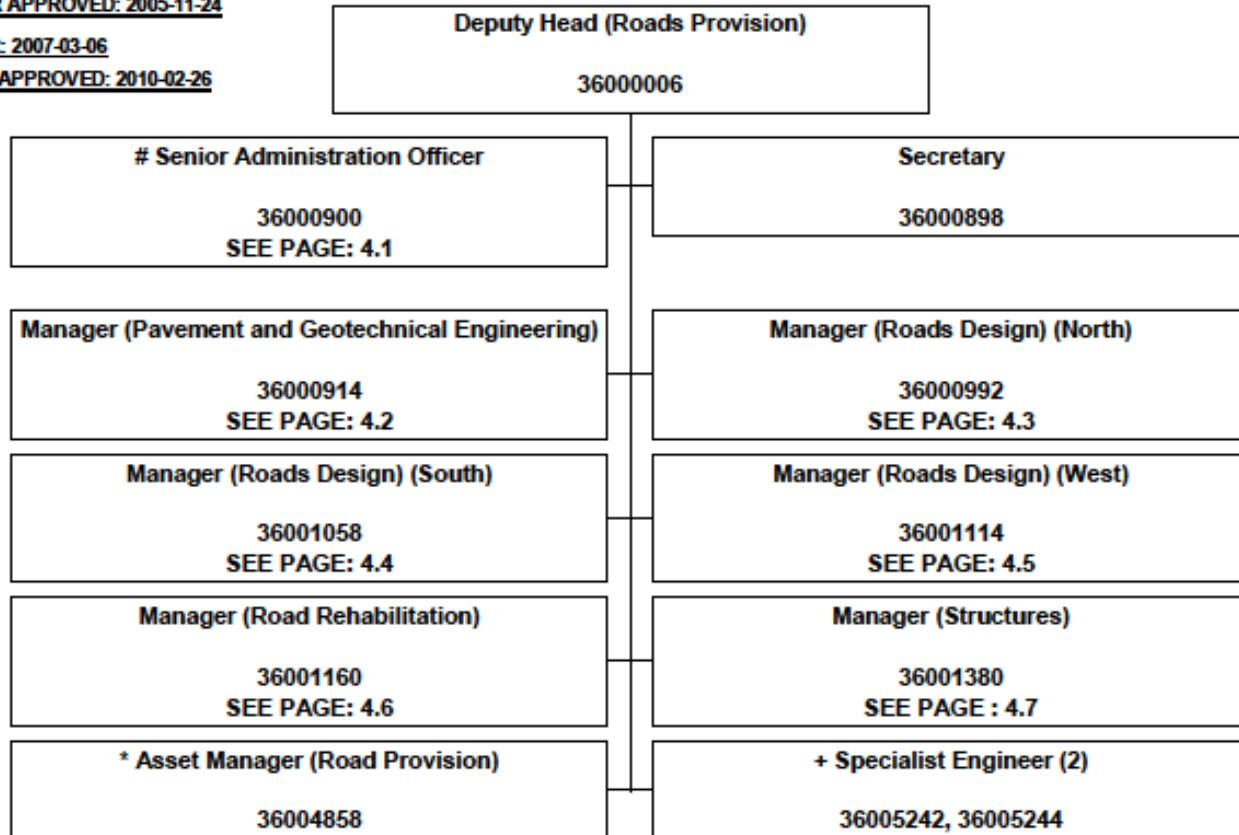


APPROVED BC: 2004-03-04

# CITY MANAGER APPROVED: 2005-11-24

\* CITY MANAGER: 2007-03-06

+ CITY MANAGER APPROVED: 2010-02-26



# ROADS PROVISION

- | What do we do?
  - Design & build new roads, civil structures, footpaths & sidewalks
  - Rehabilitate existing roads
  - Maintain existing road structures
  - Prioritise rehabilitation through the development & maintenance of a Pavement Management System

# CHALLENGES FOR DELIVERY

- | Balancing maintenance & rehabilitation needs with the development of new roads.
- | Long term funding needs & appropriate financing of road development and maintenance.
- | Appropriate standards
- | Recruitment of suitably skilled personnel
- | Balancing the development of new & emerging contractors whilst maintaining delivery
- | Adoption of new technologies to reduce costs/improve performance/lessen environmental impacts

# Network Length by Road Type

Pavement Type	eThekwini	SANRAL	KZN
Block	66	0	0
Concrete	80	0	0
Flexible	6097	345	939
Total	6243	345	939
Formal Unsurfaced	1352		

# Network Length by Road Classification

Road Category	Length (km)
A	85
B	1442
C	1073
D	3643
Total	6243

# Budgets 2011/12

Sidewalks	R17.1m
Pedestrian Bridges	R4.0m
Gravel to Surfaced Upgrades	R81.67
Minor Road Improvements	R20m
Major Road Upgrades	R151m
Road Rehabilitation	R410m