



Nelson Mandela Bay
Are we ready for 2010?



Preparations for 2010 Fifa Soccer World Cup™

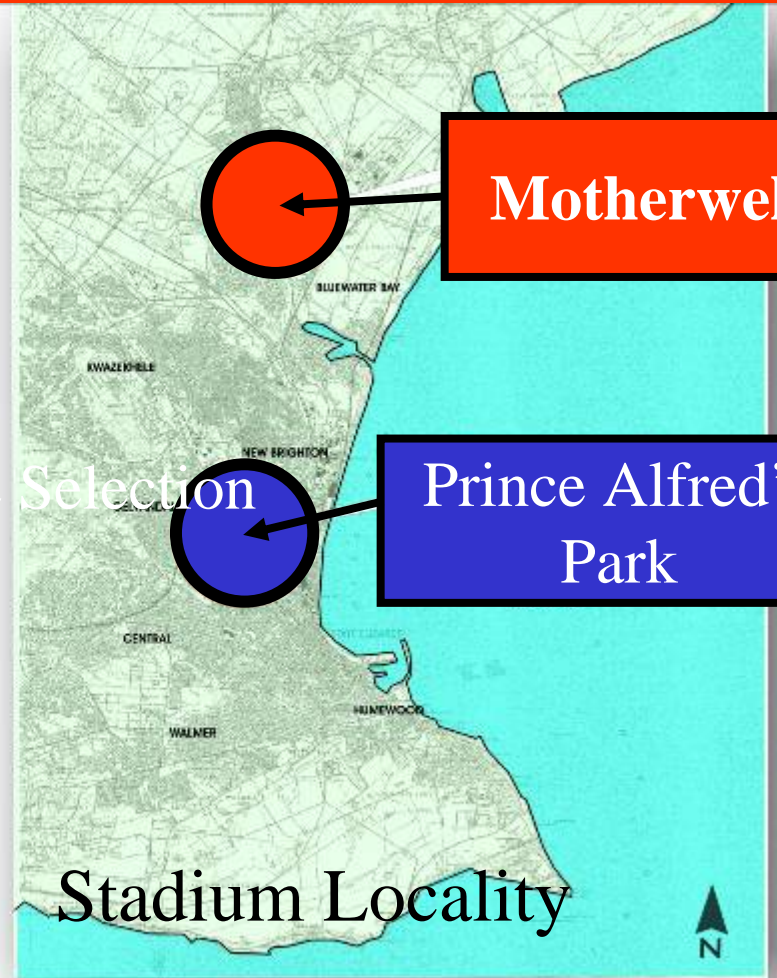
- **Site selection and Preliminary Design of the Soccer Stadium**
- **Preparation of Integrated Public Transport Plans**
 - City wide plan
 - 2010 Event Plan
- **Khulani Corridor: Public Transport Demonstration Project**
- **Public Transport Infrastructure Fund Implementation Projects**



Stadium Site Selection



MAP OF PORT ELIZABETH NTS



SWC Bid Book Requirements for Stadium



- VIP Parking
- VIP Hospitality
- Media
- Stadium internal area
- Public Parking
- Internal turnstiles
- Medical
- Emergency vehicles
- Security
- Search perimeter
- Traffic warning zone



Soccer Stadium Site Feasibility Study



Stadium Site

Final Outcome of Site Evaluation



Soccer Stadium Preliminary Design



Stadium Concept Plan



Soccer Stadium Preliminary Design



Proposed Stadium:

- 50 000 Seats (10 000 temporary)
- Estimated Cost: R711 million
- Preliminary Design completed
- First tenders advertised



Current Status of PTP:

- Planning phase completed
- Consultation in progress
- Approval process - pending
- Implementation phase - 2006 - 2010

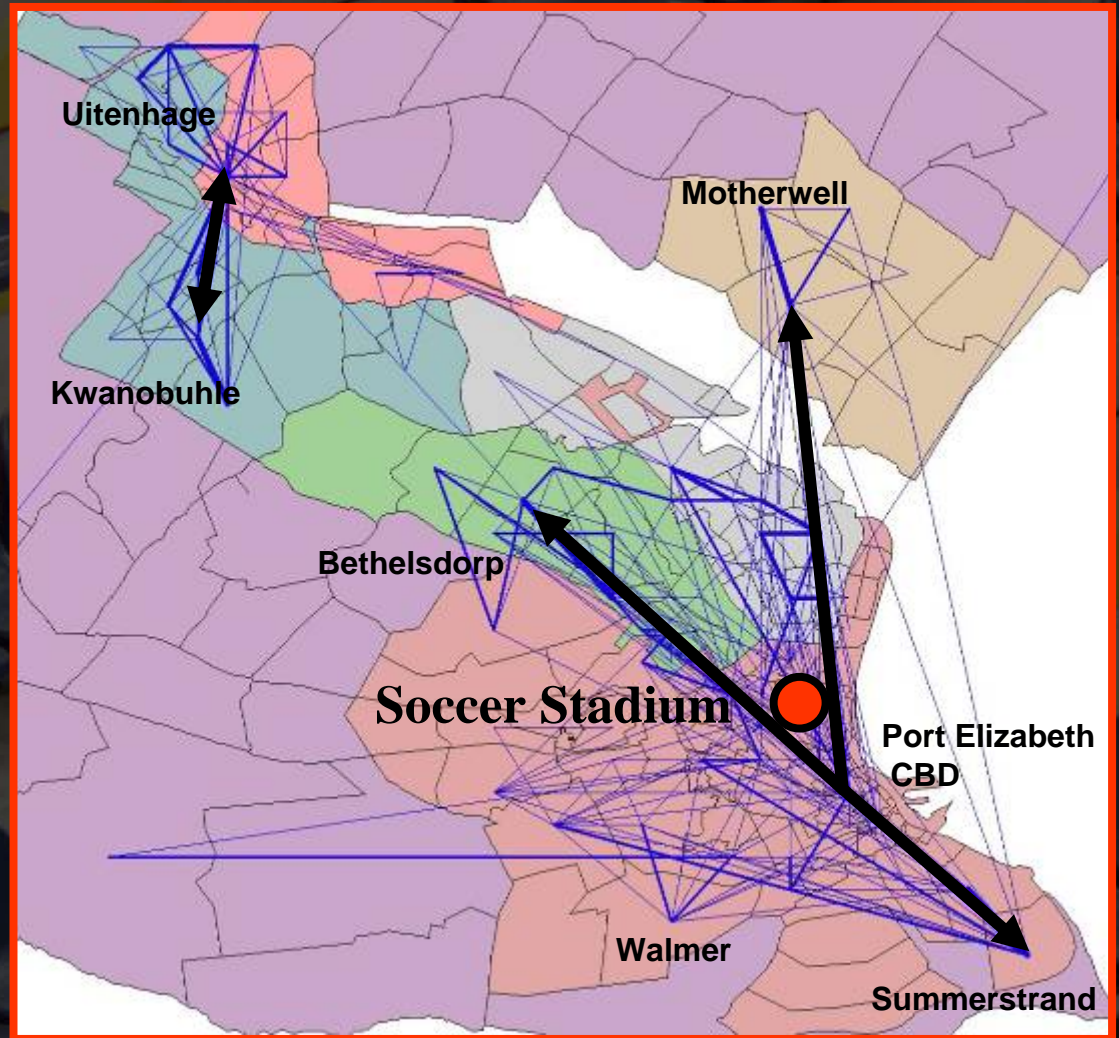
Public Transport Plan 2006-2010



Public Transport Plan 2006-2010



Public Transport Plan 2006-2010



Travel Survey - 2004

Current travel patterns

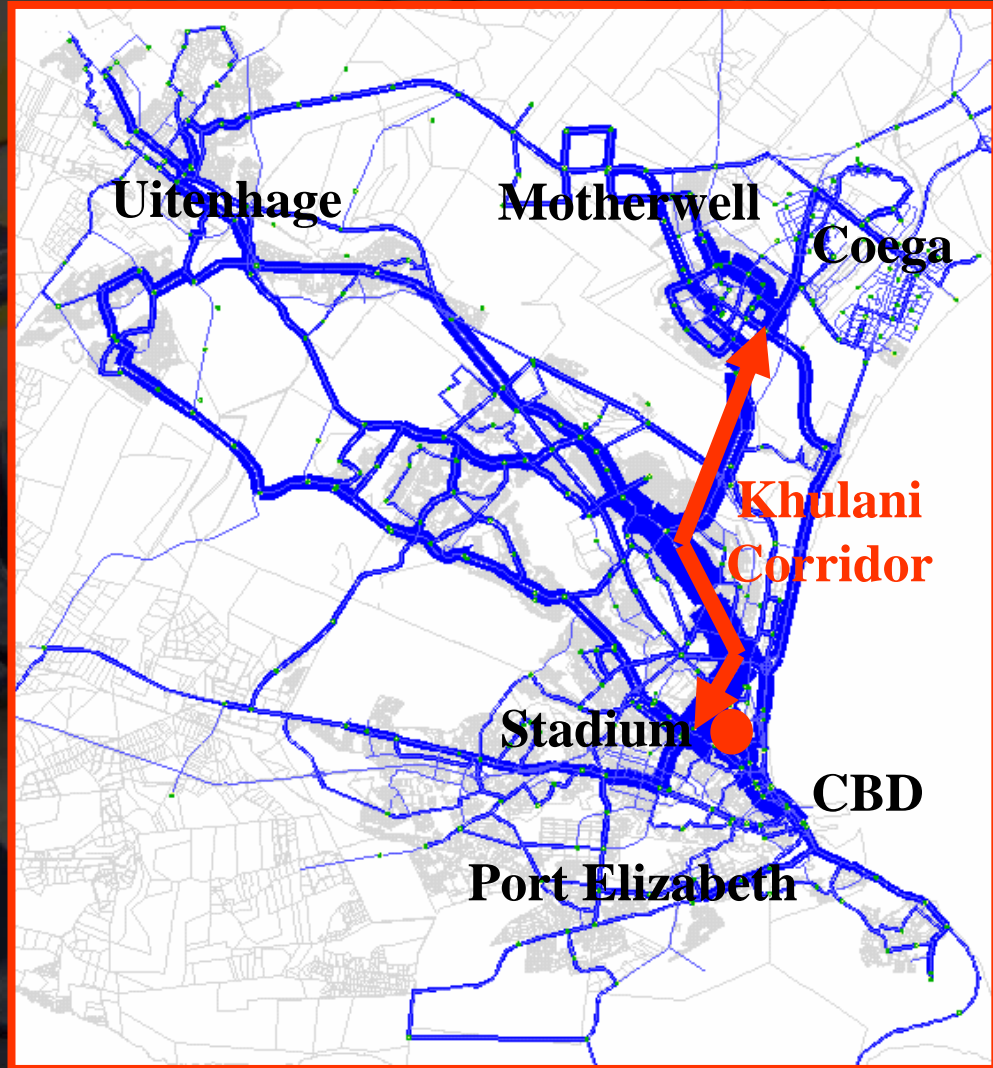
- 3 000 households
- VISUM Transport Model
- Corridor Identification



Public Transport Plan 2006-2010

Passenger flows:

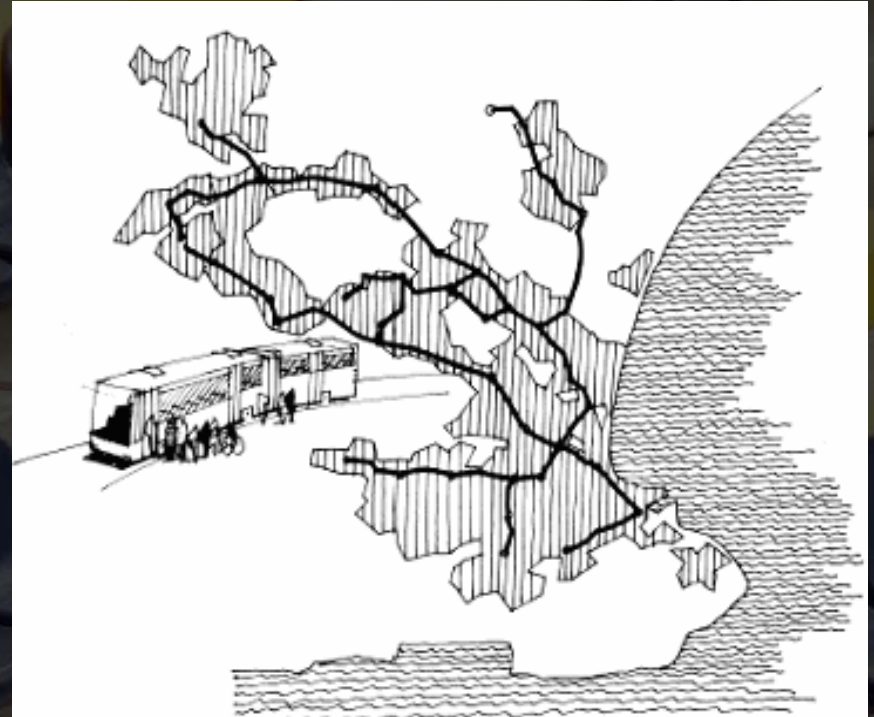
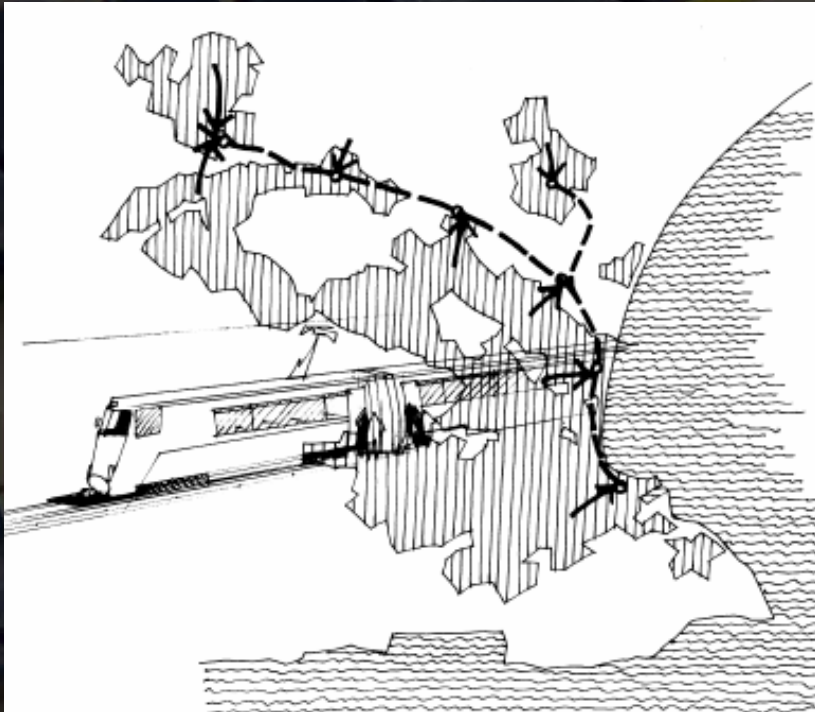
- VISUM Model Output
- long term development
- Primary Transport Corridors



Public Transport Plan 2006-2010

Long Term Public Transport Strategy

Rail as backbone..or..... ..bus as backbone



Public Transport Plan 2006-2010

Public Transport Scenario Analyses

Scenario A: Minimum Intervention

Scenario B: Trunk Bus Routes + local bus and taxi

Scenario C: Expanded Rail Operation to Motherwell and bus system for other areas



Public Transport Plan 2006-2010

Existing
Bus & Minibus

Trunk Bus & Minibus

Trunk Bus,
Minibus, Rail

Number of boarding passengers per day year 2020

Scenario	A	B	C
Trunk bus	0	440 000	390 000
Local bus	660 000	540 000	530 000
Taxi	325 000	120 000	170 000
Rail	25 000	0	30 000

Analysis Results

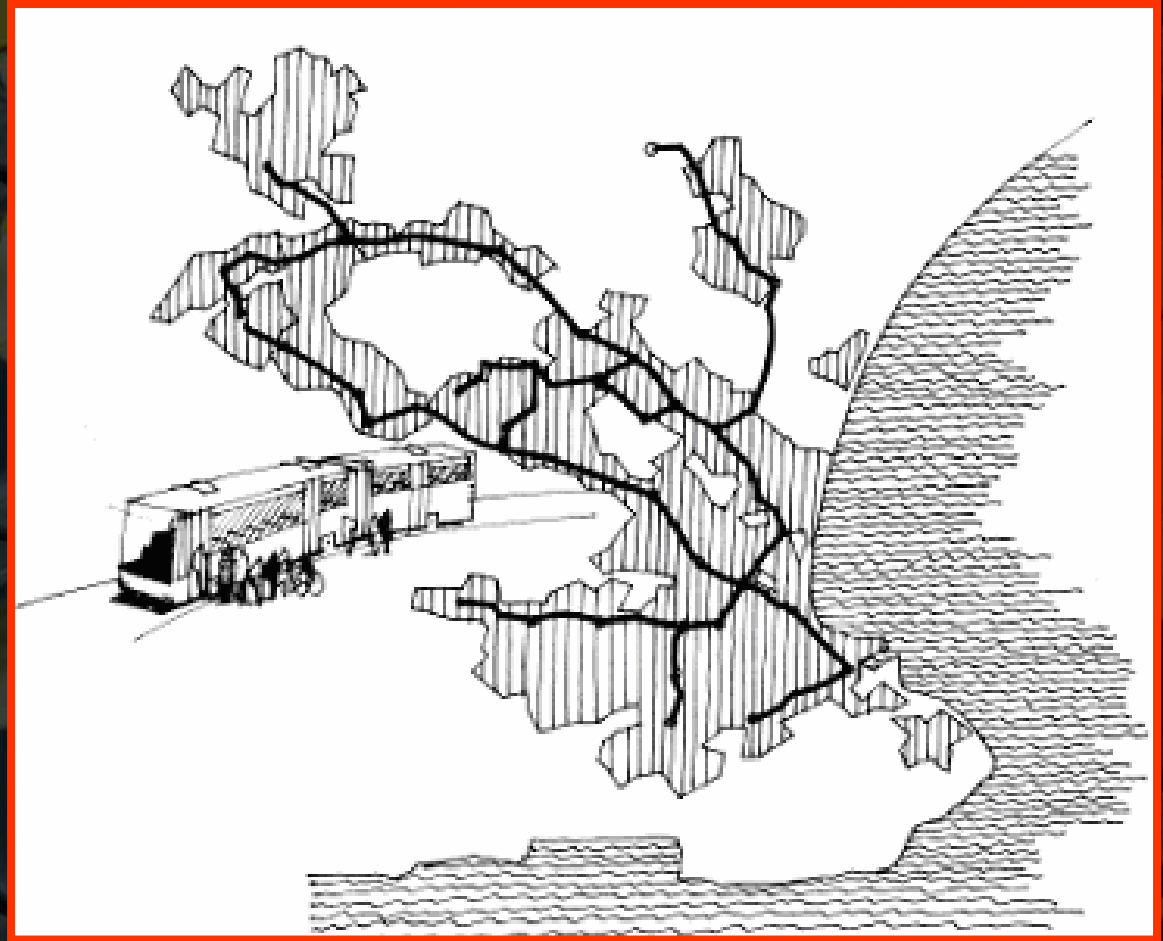
Small increase in rail use



Public Transport Plan 2006-2010

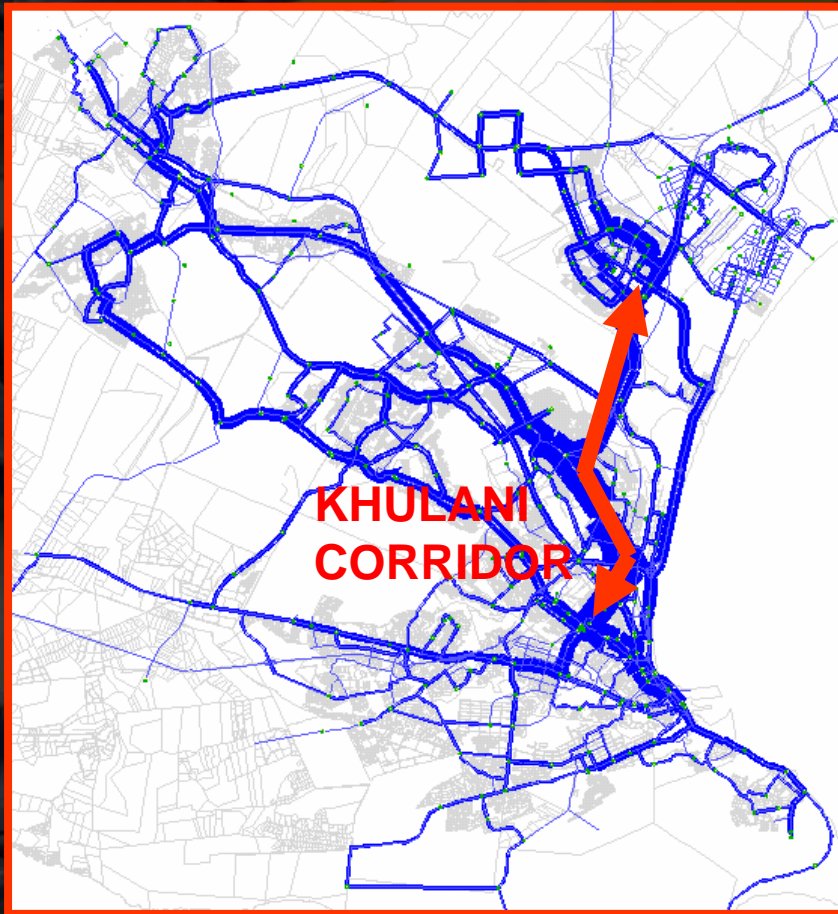
Medium term strategy

”A trunk bus network will form the base of the future public transport system up to 2020”



Public Transport Plan 2006-2010

First Phase Implementation



Passenger Flows: long term



Trunk Route Development 2006-2010

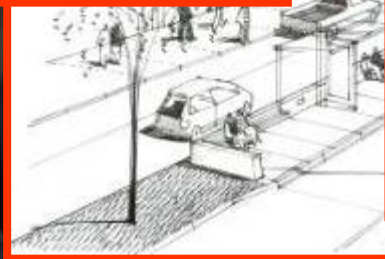
Public Transport Plan 2006-2010

Interim Conclusions

- **Trunk bus route corridors, local bus and taxi services – most appropriate up to 2020**
- **Commuter rail will not attract enough passengers to justify a heavy rail investment before 2020**
- **The Khulani Corridor will be the backbone of the future public transport system**
- **Extensive development of Coega is needed to justify new railway lines in the long term**



Khulani Corridor Public Transport Project



- Approval process - pending
- Implementation phase 2007 - 2008

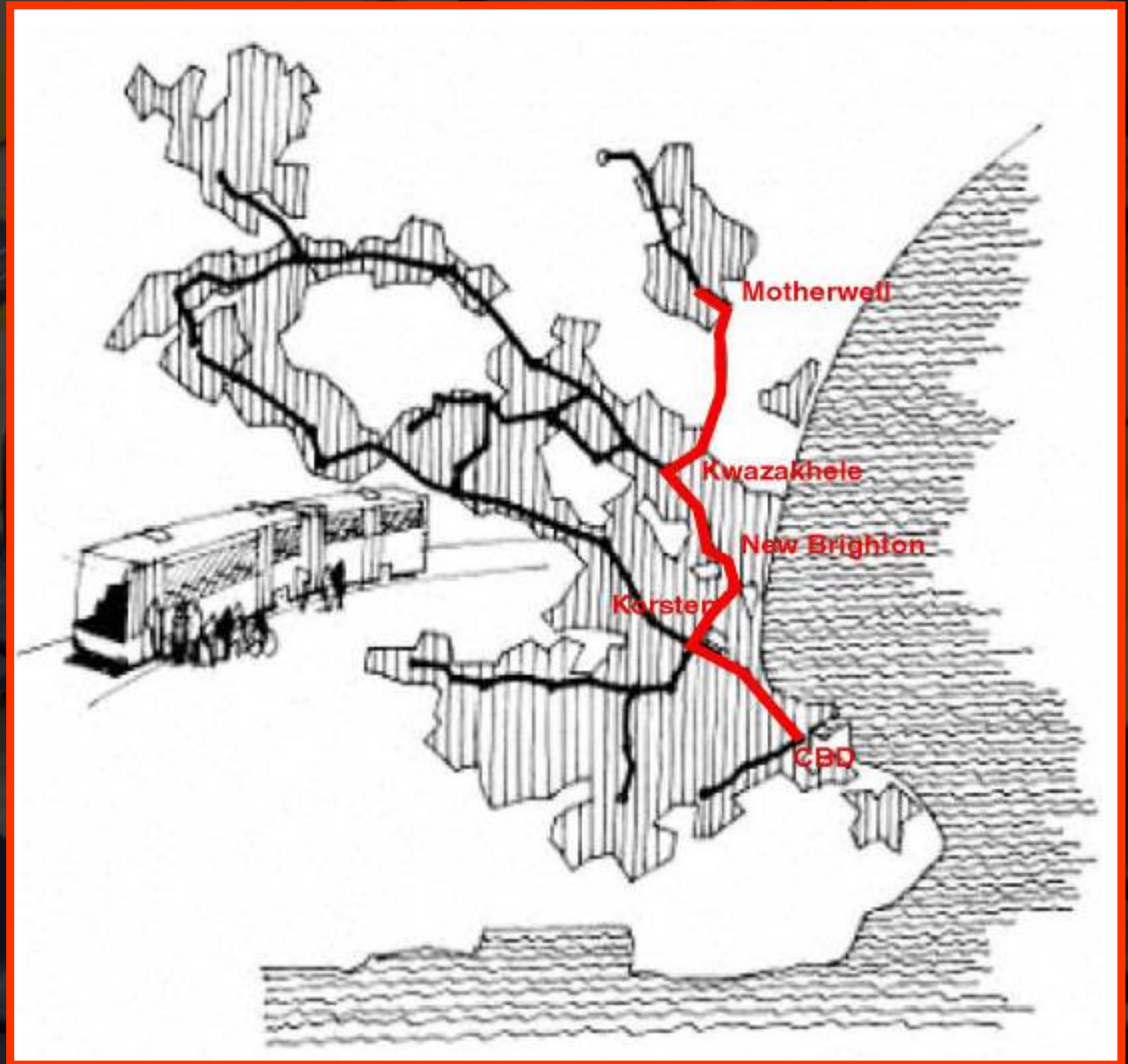


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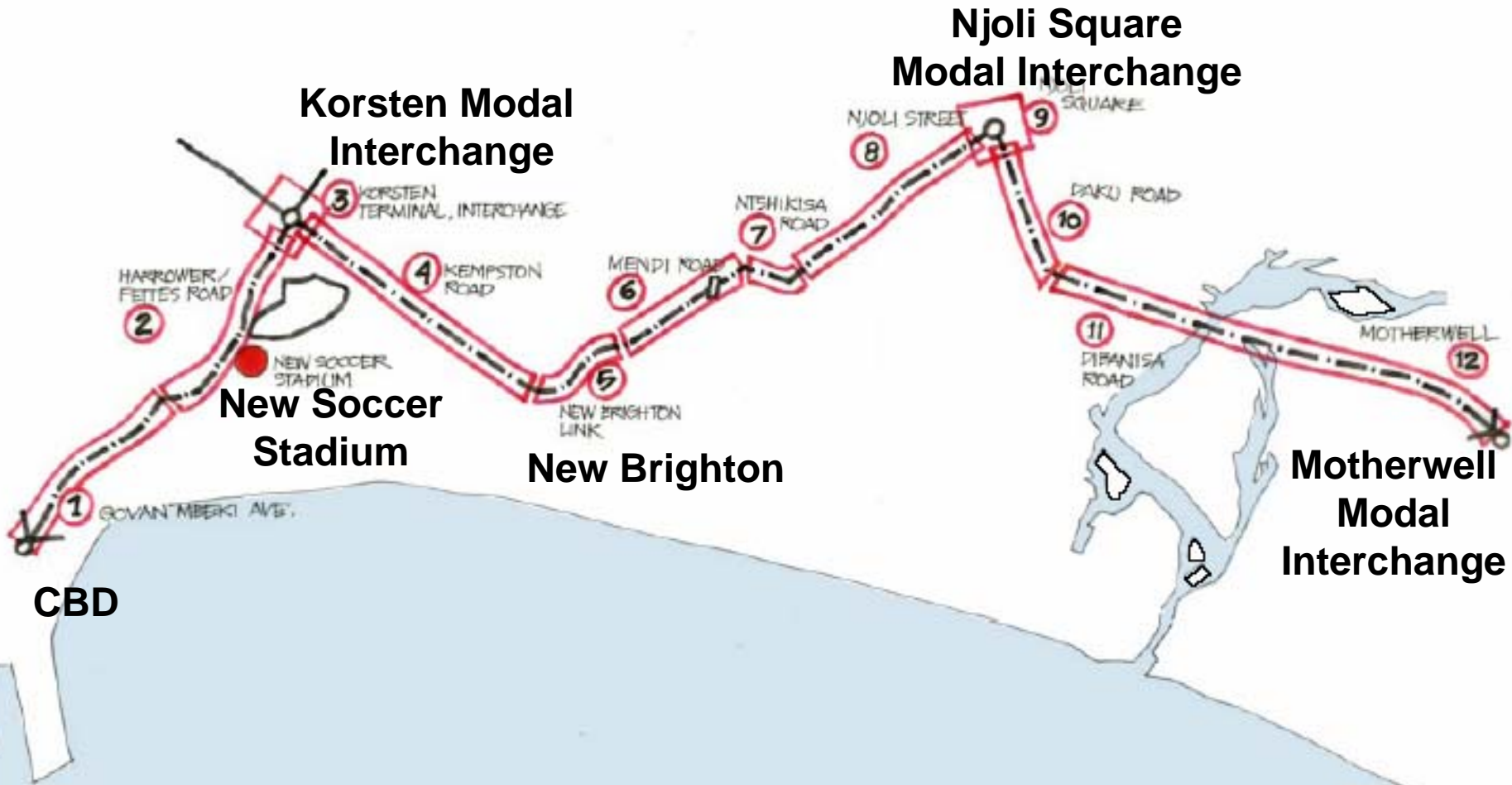
Khulani Corridor - New Public Transport System

Planning Principles:

- First Phase of Long Term PT Strategy
- Multi-modal system
- Contracted services
- Integrated line haul and feeder services



Khulani Corridor - New Public Transport System



Public Transport Infrastructure Fund

Strategy for Funding Application

- Public Transport Plan – provides the overall strategy
- Focus on PT Corridors
 - Khulani Corridor
 - Standford Road Corridor
 - Uitenhage Road Corridor
- Projects:
 - Public Transport Infrastructure
 - Non-motorised transport
 - Facilities for disabled
 - Transport Demand Management
- Projects that will leave a legacy beyond 2010



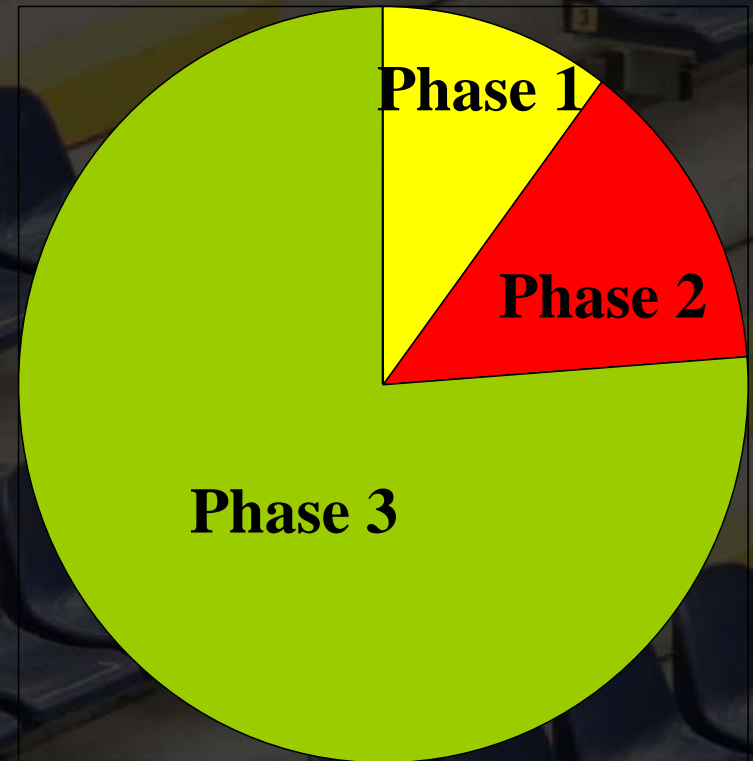
Public Transport Infrastructure Fund Public Transport Projects: Summary

**Phase 1 (2005/06) : R53.65 M
(Approved)**

**Phase 2 (2006/07) : R68.60 M
(Approved)**

**Phase 3 (2007/08) : R390.00 M
(Application)**

Total : R512.25 M



Public Transport Infrastructure Fund

Approved Public Transport Projects: Phase 1

No	Project	Description	Cost (R-M)
1	Public Transport Operational Plan	Pilot service operational planning	1.00
2	Modal Interchanges	New Interchanges at Korsten, Njoli	20.80
3	Public Transport Corridor Upgrading	Lighting and Shelters	3.00
4	NMT Facilities	Sidewalks	2.50
5	Public Transport Road Upgrading	Rehab and widening for PT routes (Diaz, Perl and Kempston Roads)	18.80
6	Travel Demand Management	Signals, CCTV and PT priority	4.55
7	Low Floor Buses	Demo. Buses for Pilot in Khulani Corridor	3.00
	TOTAL (Phase 1 – PTIF)		53.65



Public Transport Infrastructure Fund

Approved Public Transport Projects: Phase 2

No	Project	Description	Cost (R-M)
1	Public Transport Corridor Upgrading	Bus Lanes on Corridors	17.00
2	NMT Facilities	Sidewalks and Pedestrian Bridges	12.50
3	Public Transport Road Upgrading	Rehab and widening for PT route (Sheya Kulati, Matomela, Seyisi Roads)	37.00
4	Facilities for Disabled	Sidewalks and Ramps	2.10
	TOTAL (Phase 2 – PTIF)		68.60



Public Transport Infrastructure Fund

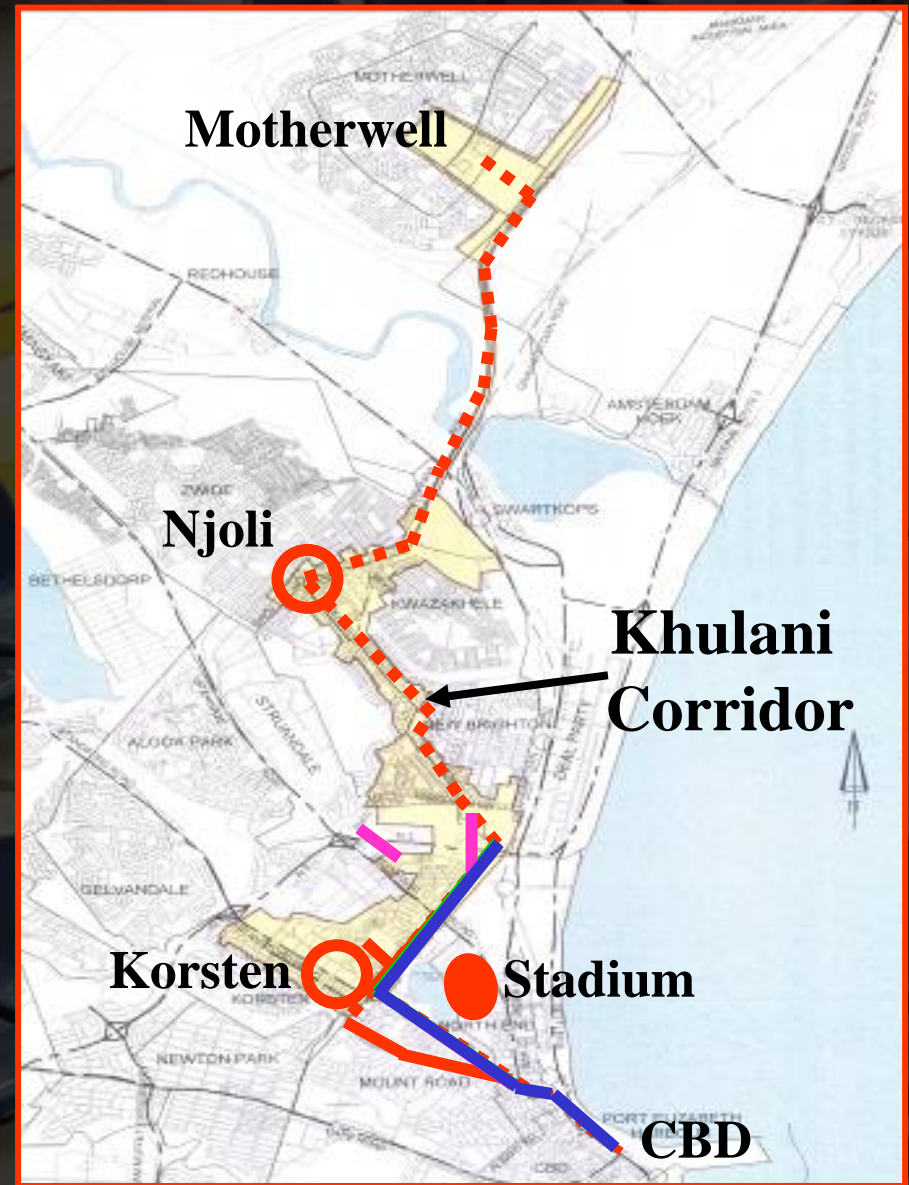
Public Transport Projects: Phase 3 Application

No	Project	Description	Cost (R-M)
1	Modal Interchanges	New Interchanges at Motherwell, Cawood, Brighton	90.00
2	Public Transport Corridor Upgrading	Bus Lanes on Corridors	25.00
3	NMT Facilities	Sidewalks	65.00
4	Facilities for Disabled	Sidewalks and Ramps	25.00
5	Public Transport Road Upgrading	Rehab and widening for PT route	155.00
6	Travel Demand Management	Signals, CCTV and PT priority	30.00
	TOTAL (Phase 3 Application – PTIF)		390.00



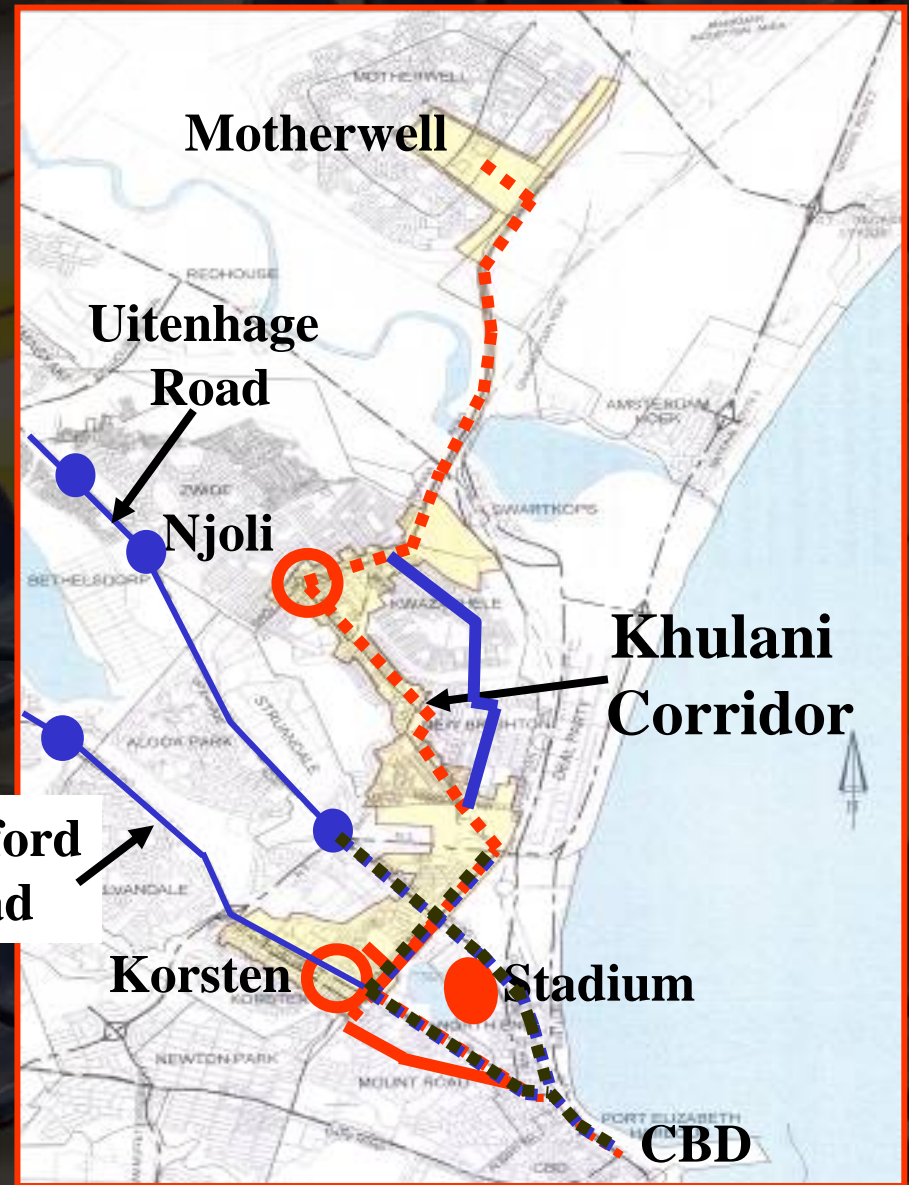
PTIF Projects: Phase 1

- Khulani PT System Operational Plan
- Modal Interchanges
- PT Road Upgrading
- Lighting and Shelters
- Sidewalks
- Transport Demand Management



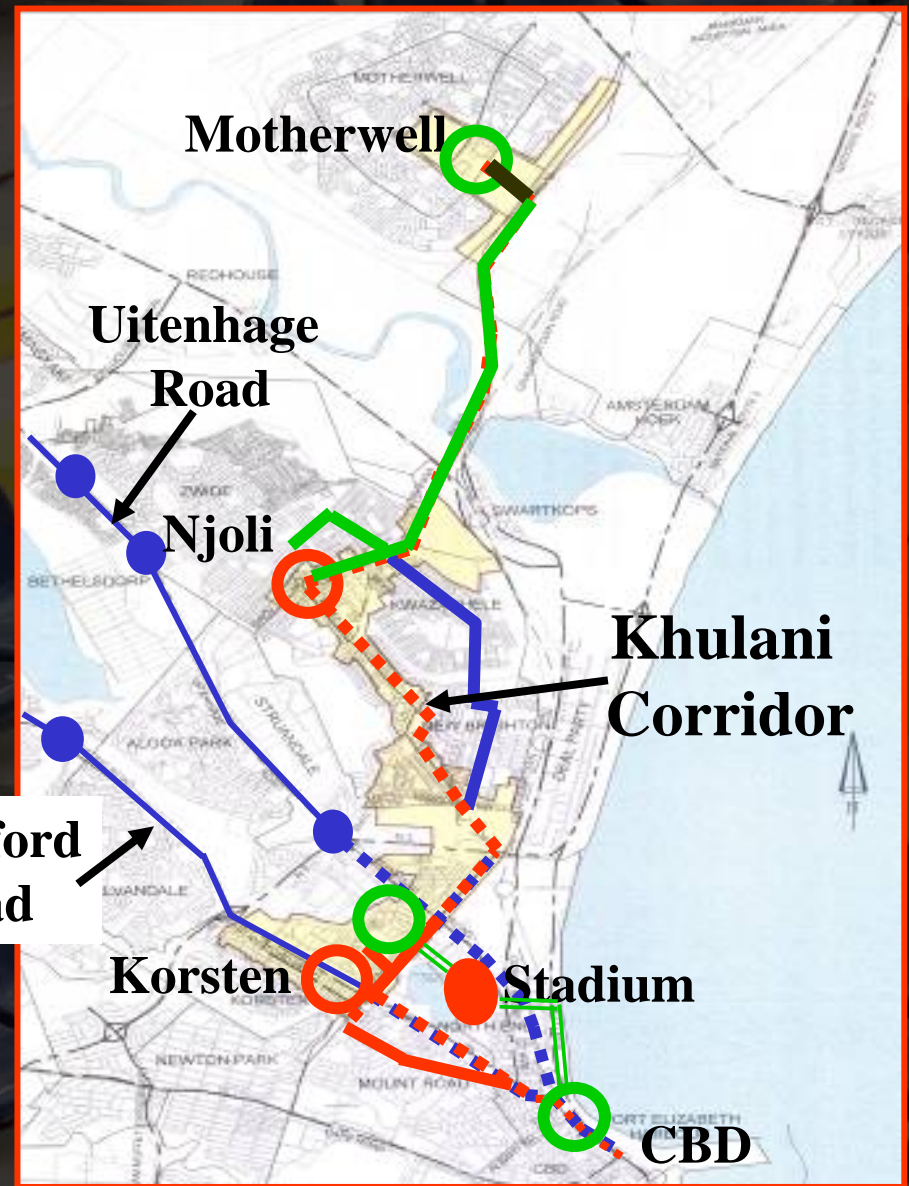
PTIF Projects: Phase 2

- PT Corridor Upgrading
- PT Road Upgrading
- Sidewalks and ramps
- Pedestrian bridges

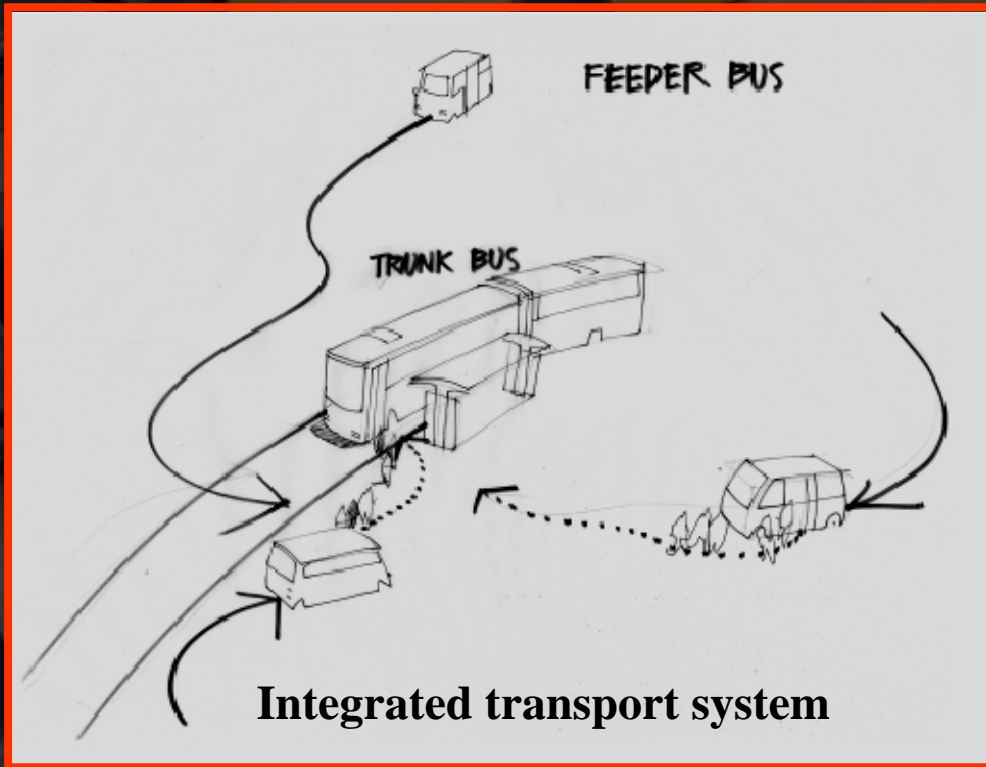


PTIF Projects: Phase 3

- Modal Interchanges
- PT Corridor Upgrading
- PT Road Upgrading
- Sidewalks and ramps
- Travel Demand Management

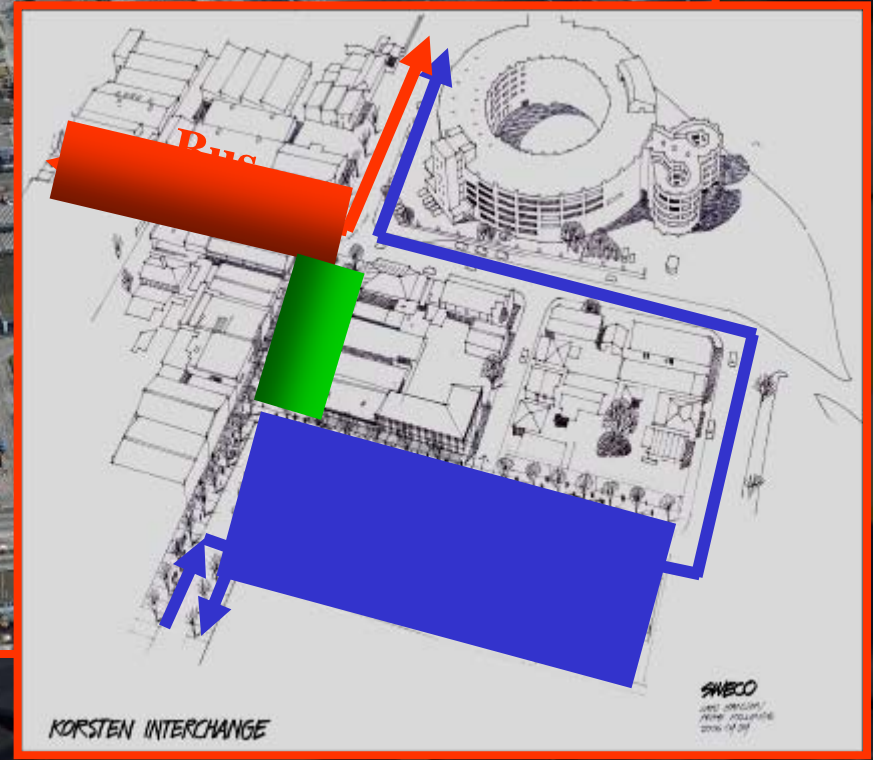
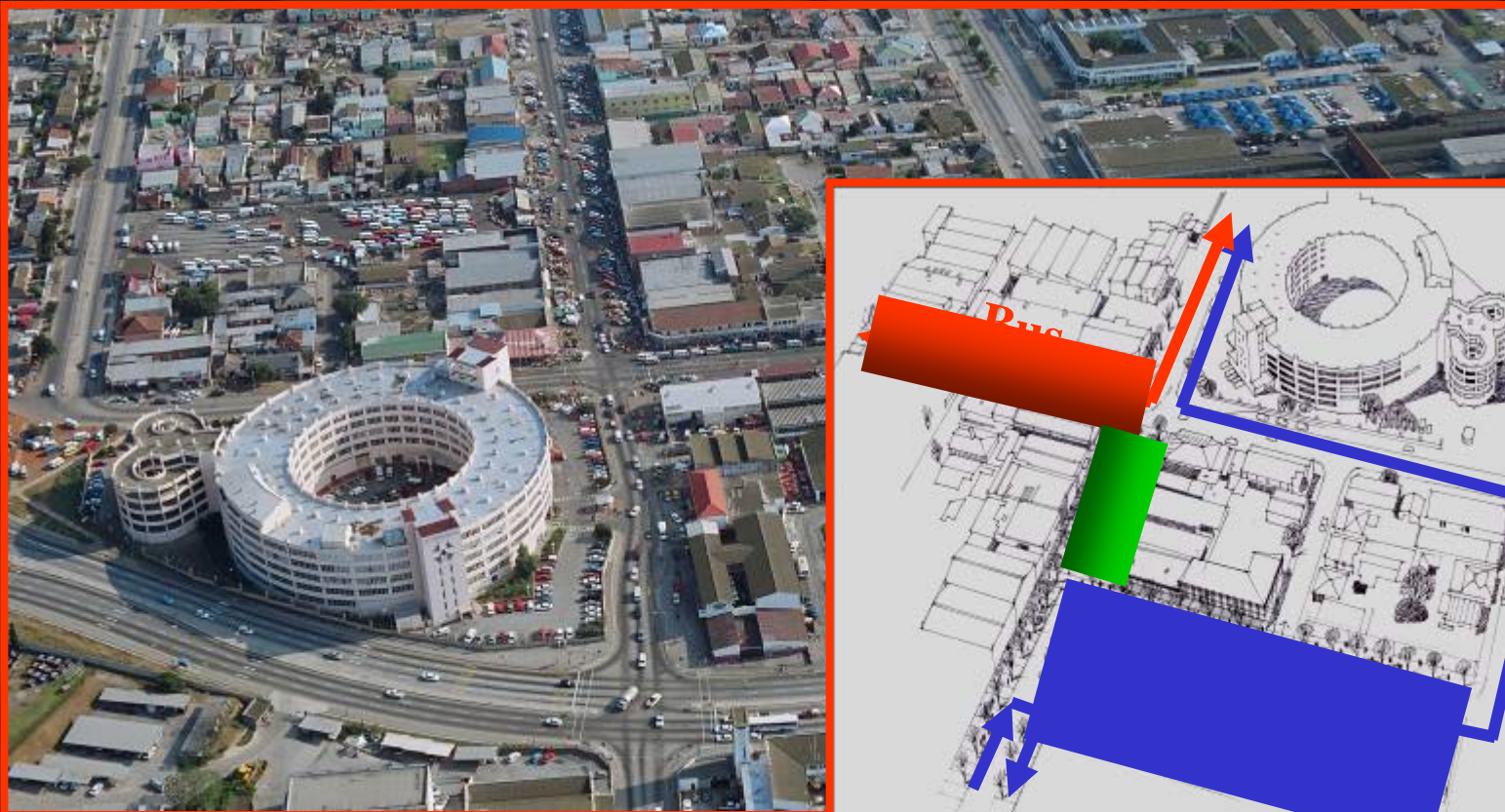


2010: Public Transport Infrastructure Fund - Projects



Khulani Corridor: Public Transport Operation Planning

2010: Public Transport Infrastructure Fund - Projects



Modal Interchanges: Korsten

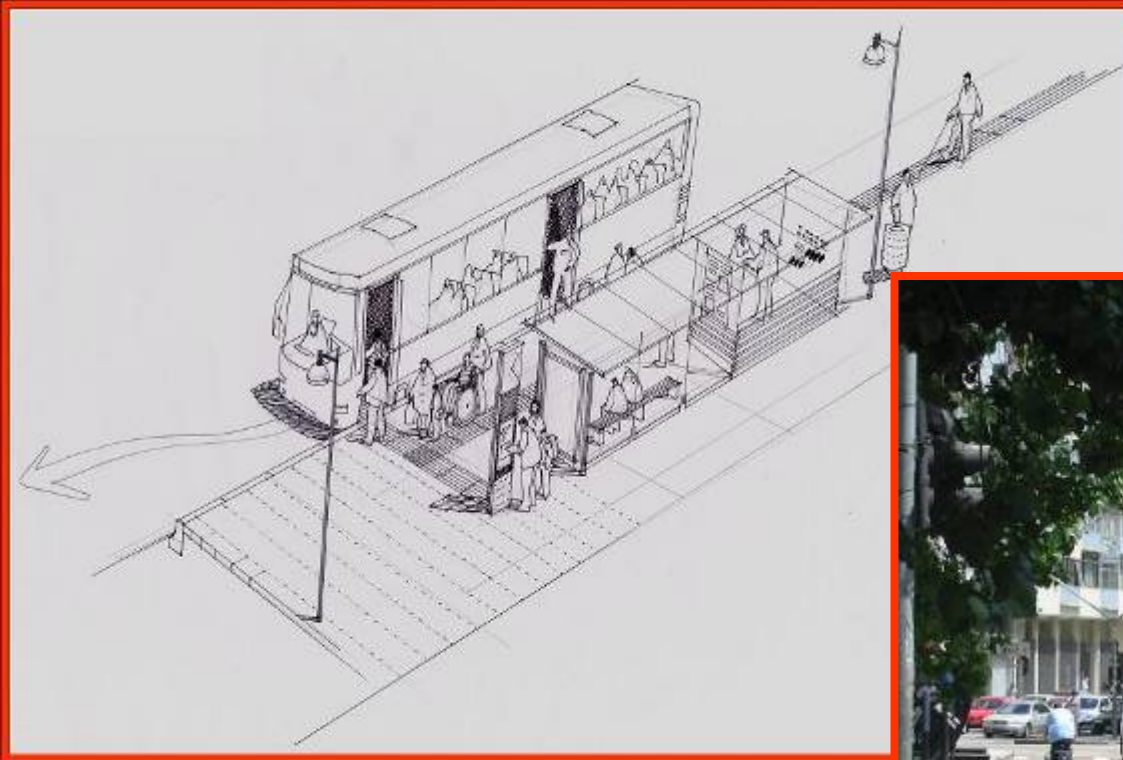
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2010: Public Transport Infrastructure Fund - Projects



Modal Interchanges: Njoli Square

2010: Public Transport Infrastructure Fund - Projects



Bus Stops: Lighting and Shelters



Khulani Corridor - New Public Transport System



Public Transport Road Construction



Khulani Corridor - New Public Transport System



Public Transport Road Construction

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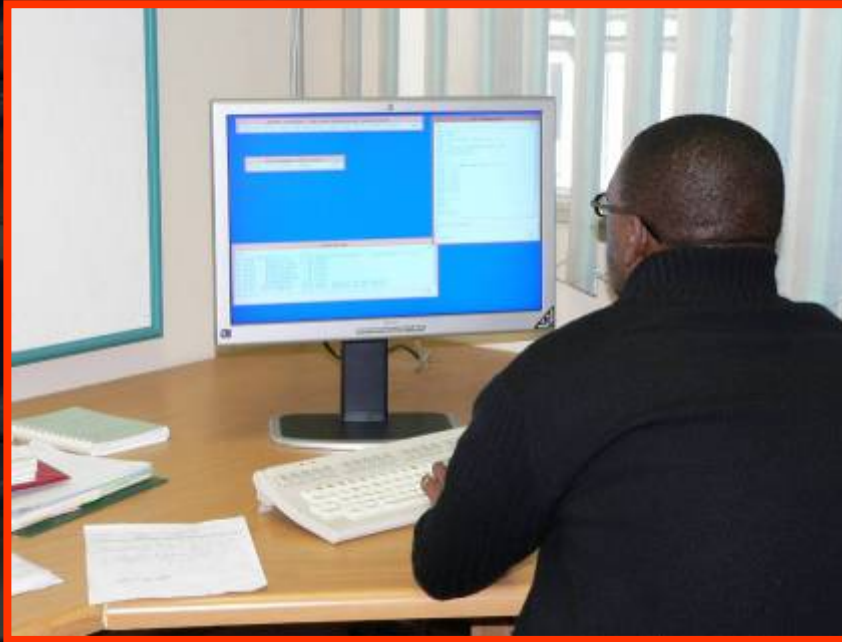
2010: Public Transport Infrastructure Fund - Projects



Non Motorised Transport: Sidewalks / Cycle Tracks



Khulani Corridor - New Public Transport System



Upgrading of Urban Traffic Control System

- New Traffic Signals
- Bus Priority
- CCTV: Screens and cameras

Travel Demand Management



Conclusions

- Stadium design and procurement process has commenced – completion 08/09
- Integrated Public Transport Plan completed – implementation by 2010
- Khulani public transport corridor planning commenced for first phase PT contracts by 2008
- PTIF funding allocated and implementation of projects has commenced – R122.25 mill approved



Thank You

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