High Level Transport Plan & Projects for 2010 Soccer World Cup

June 2006
Demand (2), Off-site Centres

- Affordability of tickets (Germany: €35 - €600) – participation by non-ticket holders (away from stadia)
- Spreading demand over a longer time period
- Numerous, smaller venues vs less, but larger venues – spreading services geographically
- Cater for 15,000 to 60,000 people
- Indoor venues limited, outdoor venues - cold, lighting, security at night
- Location on SPTN, with Park-and-Ride facilities

2010 World Cup Transport Plan
• **Busiest day (at NASREC and/or Ellis Park)** would be between days 12 and 15, *in the group stage, game 3*

• 200 000 visitors will be accommodated in Gauteng on that day

• **International and Regional Spectators:** 70% Public; 30% Private, assumes the splits in the NDOT regional estimates, applied at local level

• **Local Spectators:** 75% to 95% Public, assumes successful and comprehensive park & ride

• Assumed 20h00 start and build up from 18h00
2010 World Cup Transport Plan

Transport supply (1)

Strategic Public Transport Network (SPTN)

Inner City Distribution System (ICDS)

SANDTON

JIA

Ellis Park

NASREC

N1

N3

M1

M2

N17

N17

N17
2010 World Cup Transport Plan

Parktown Corridor

Soweto Highway

Rand Show

Proposed Baralink

Nasrec

Pat Mbatha Busway

Legend
348 With Gautrain
[348] Without Gautrain

348 buses [348]

9 trains [5]

5 trains [5]

7 buses [7]

23 buses [23]

Rail Pedestrians 35700 [35700]

2-Hourly Trips to NASREC
Public Transport Only
SCENARIO 3
Nasrec

Planned Capacities

- **Rail:** 20 000/hr, 8m walkway
- **Bus:** 28 bays – 20 000/hr, 10m walkway
- **Minibus-taxi:** 100 bays – 15 000/hr, 8m walkway
2010 World Cup Transport Plan

Bezuidenhout
Charlton
M1(Harrow)

2 trains
8 trains
175 buses
9 buses
4 buses

Legend
348 With Gautrain
[348] Without Gautrain

Rail Pedestrians
22600
[22600]

2-Hourly Trips to ELLIS PARK
Public Transport Only
SCENARIO E3
Ellis Park Summary of Public Transport Plan
FIFA Family

2010 World Cup Transport Plan
1. Hotels to Soccer City
2. Airports to Soccer City
3. Hotels to Airports
4. Hotels to Tshwane
FIFA Family Transport
Key Locations & Routes

MEDIA – Public Transport

1. Hotels to Media Centre & Stadia
2. Airports to Media Centre & Stadia
3. Hotels to Airports

Media Centre & Soccer City
Interchange
Ellis Park
N-S Flagship
Media Bus to Training Venues, etc
Media Bus to Training Venues, etc
Media Accom
Media Accom
Airport & Media Accom.

E-W SPTN & Lanseria Link

Bottleneck
Current 2010 Transport Legacy Initiatives

- Strategic Public Transport Network (SPTN)
- Inner City Distribution System (ICDS)
- International Transit & Shopping Centre (ITSC)
- Travel Demand Management (TDM)
- Intelligent Transportation System (ITS)
- Commuter Rail Extensions
- N 17 Freeway Link
- Public transport operational plans
- Metered taxi upgrading
2010 World Cup Transport Plan

SPTN showing Flagship routes

LEGEND:
- Strategic Public Transport Network
- Freeway System
- Rail Network
- Proposed Gautrain Route
- Flagship Project Routes
Inner City Distribution System (ICDS)

Figure 2-1
Preferred Alignment 9B

2010 World Cup Transport Plan
International Transit & Shopping Centre (ITSC)

- Johannesburg is the focus of SADC road-based public transport in Southern Africa
- Greater Joubert Park area (Park City) is the terminal point for buses and taxis from as far north as the Democratic Republic of Congo
- Currently split bus and taxi facilities
- With 2010 in mind, the plan is to create a high quality International Transit & Shopping Centre modelled on an airport terminal
Travel Demand Management (TDM)

Variable working hours & Ridesharing
- Surveys undertaken
- Pilots in Sunninghill, Braamfontein and elsewhere
- TDM Rideshare desk
- TDM computerised matching software system
Intelligent Transportation System (ITS)

A number of ITS initiatives are currently in the process of implementation

- SANRAL Pilot Project on N1
- JRA Traffic signal upgrading
- CCTV systems in CBD and elsewhere
- City Safety Strategy
- 2010 Transportation, JMPD & EMS control centre

2010 World Cup Transport Plan
Commuter Rail Extension & Service Changes

NASREC/Baralinx/Nancefield commuter rail extension

- Basic planning

NASREC/Park Station/Ellis Park

- Premium service linking to Gautrain at Park station

2010 World Cup Transport Plan
N17 Freeway link
Public transport operational plans

• Private transport operational plans already developed for NASREC and Ellis Park
• Public transport operational plans being developed for NASREC, Ellis Park and 8 training venues
• Emphasis being placed on incrementally implementing park-and-ride services
• Target of 70% public transport and 30% private transport for 2010
Metered taxi upgrading

- A new innovative model is being pursued for upgrading the metered taxi fleet
- Accreditation of an “incubator” group of metered operators via
  - Vehicle upgrading wrt meters, radios, roof signs etc
  - Topographical and customer service training for drivers