

6<sup>th</sup> Road Safety Conference – ‘Projects in Review’  
Hotel Philippine Plaza, August 31, 2006

# **Transportation and Traffic Management Master Plan for the UP–Diliman Campus**

**- A Study Funded by TMPC & AAP**

# Rationale

## Target UP Diliman as:

- a model campus providing better transportation service (including the use of non-motorized mode of transport);
- a campus conscious of traffic safety issues, and;
- a campus exemplary in implementing efficient traffic management.

A new image, possibly similar to that of Subic, is expected to emerge as the University celebrate its centennial in 2008.

# **Objectives of Study**

## **Overall:**

Prepare a Transportation and Traffic Management Master Plan for the U.P. Diliman Campus.

## **Specific:**

- Assess the existing traffic condition in the campus through compilation of primary and secondary data;
- Design an efficient traffic circulation plan to ensure smooth, safe, and environment-friendly vehicular, bicycle and pedestrian flows;
- Identify traffic management measures and alternatives appropriate for the campus to alleviate congestion.

# Updates on the Study

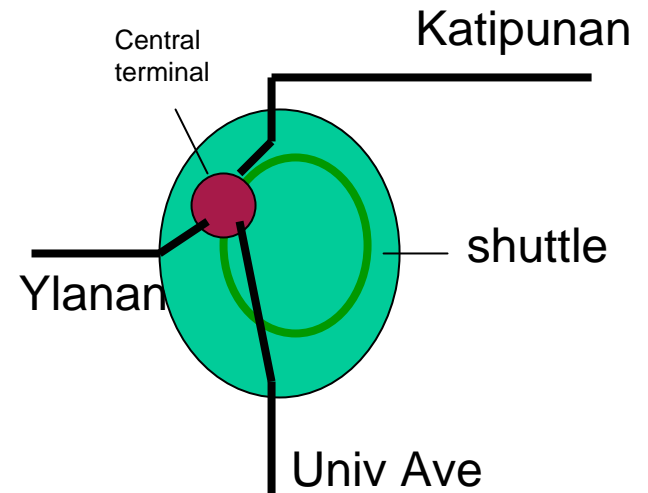
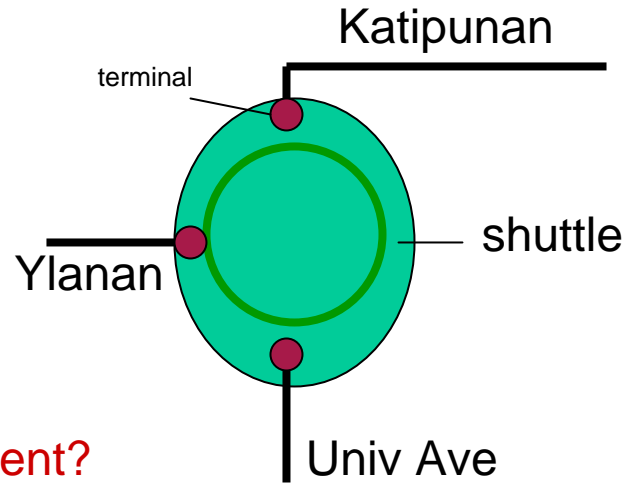
Components	Focus	Status
Traffic & Road Safety	Traffic management schemes (ex. car-less oval), traffic circulation, traffic control devices, geometric improvement, enforcement, education	<p>Concepts, guiding principles presented to UPTransport Committee</p> <p>Traffic control devices inventory completed; accident data gathered; traffic circulation plans for specific locations completed.</p> <p>Ready to conduct add'l traffic surveys</p>
Non-motorized Transport	Bikeways and Walkways	<p>Team has identified road links for inventory survey. Primary Surveys will be:</p> <ul style="list-style-type: none"> <li>- Bicycle Trip OD Survey</li> <li>- Bicycle Compatibility Survey (road inventory)</li> <li>- Pedestrian volume</li> </ul> <p>To be started by 1<sup>st</sup> week of September</p>
Parking	Satellite;regulated	Inventory of on-street/off-street parking facilities completed
Public Transport	PT routes and terminals	<p>Design of survey instruments underway. Surveys required:</p> <ul style="list-style-type: none"> <li>-Travel Demand Survey</li> <li>- PT Survey</li> </ul>

## Some Concepts, Issues, and Concerns

Better transportation system leads to safer travel.

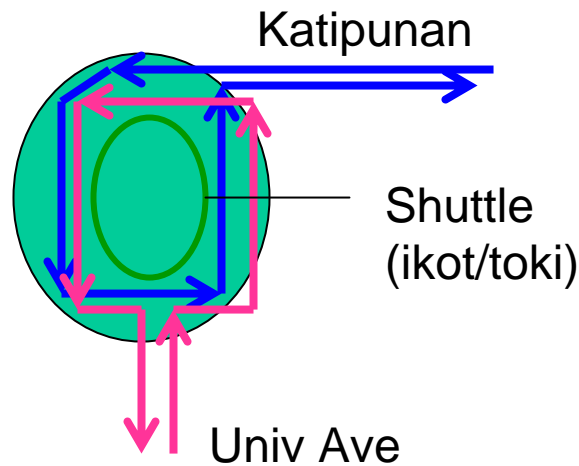
# Public Transport

Should PT be provided with terminals?



Terminal Management?

Or allowed continuous service only?



# Public Transport for UP

Jeepneys – any other options?

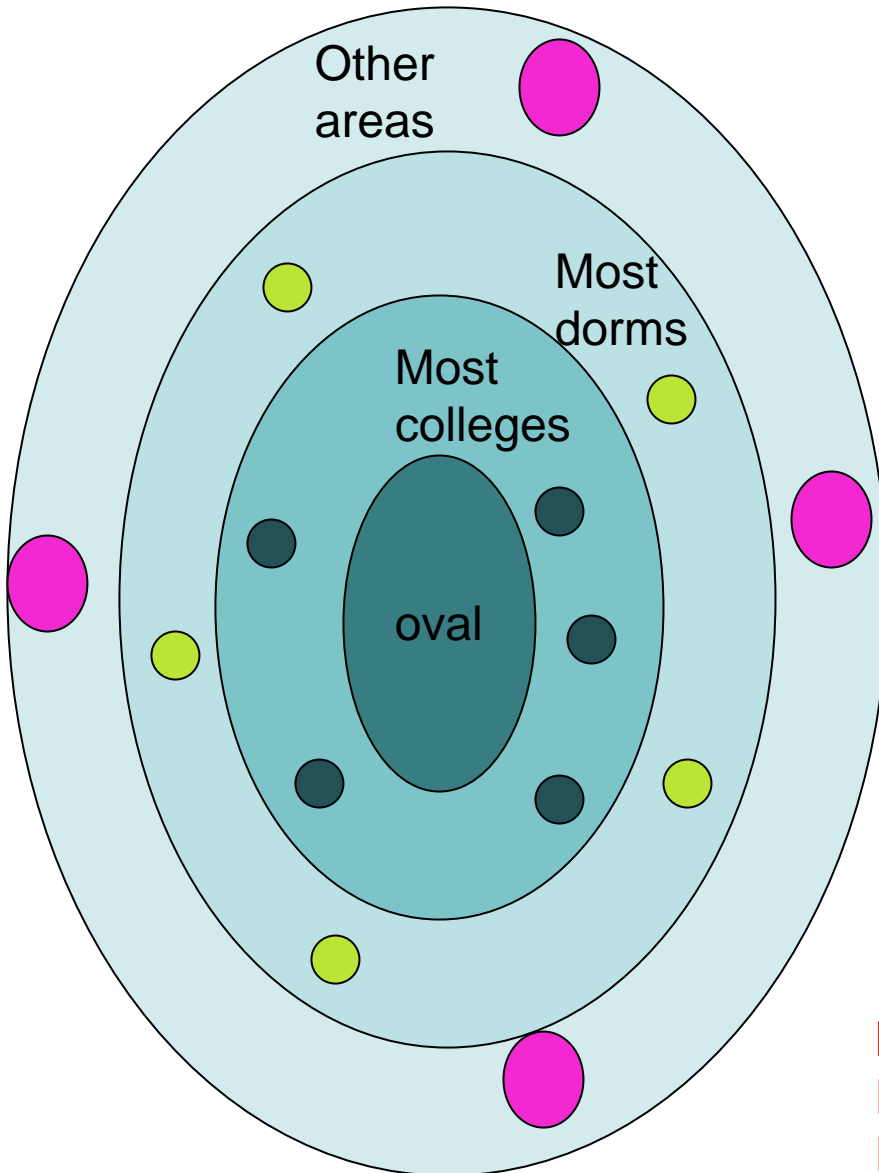
If none: **Improve the service.**





→ seek for cleaner fuels.

→ scrap dilapidated jeepneys.

→ professionalize drivers.

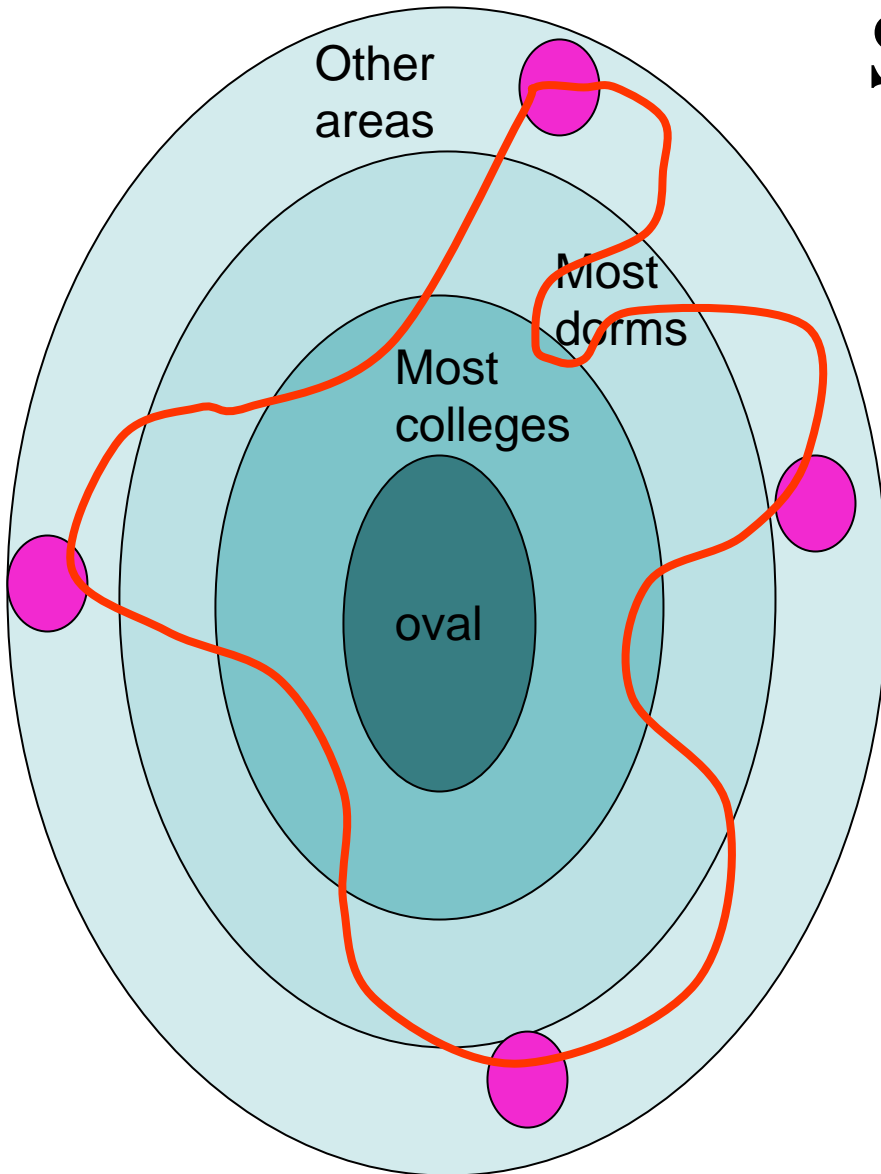
# Parking




-  Oval – off limits to veh except for emergency, high ranking officials, delivery
-  Parking for faculty, staff and visitors only
-  Parking for students
-  Common parking; Satellite parking during Special occasions

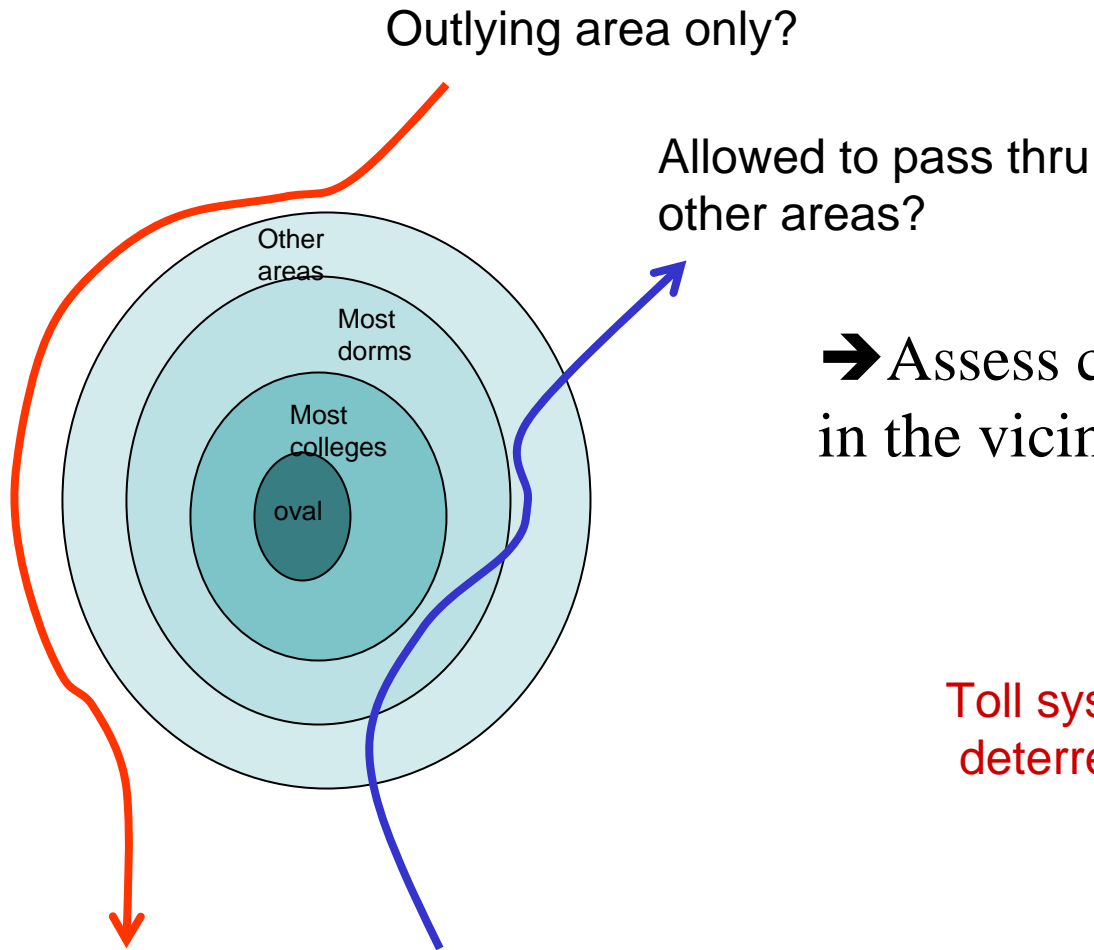
Must on-street parking be allowed?  
Parking Management; security?  
Parking fees? Sticker system?

# Satellite Parking & Shuttle Service



-  Oval – off limits to veh
-  Satellite parking
-  Shuttle service route

# Through Traffic



➔ Assess capacity of roads in the vicinity of UP

Toll system for deterrence?

# Subic's key to successful Traffic Management?

- Strict Enforcement

➔ road user discipline

## How do we replicate this inside UP?

Apprehensions? Legal basis (deputation)?  
Manpower and equipment?

Thank you!