

P2 in Numbers

Designing Hong Kong Harbour District
7 May 2007

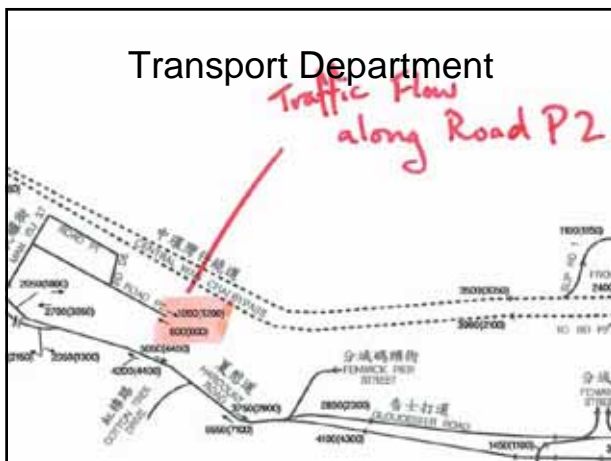
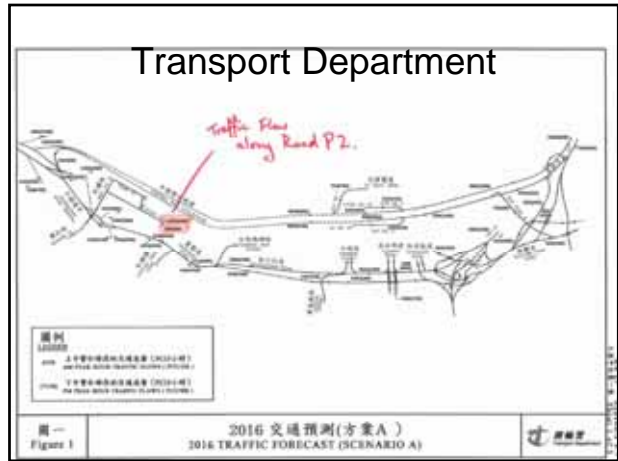


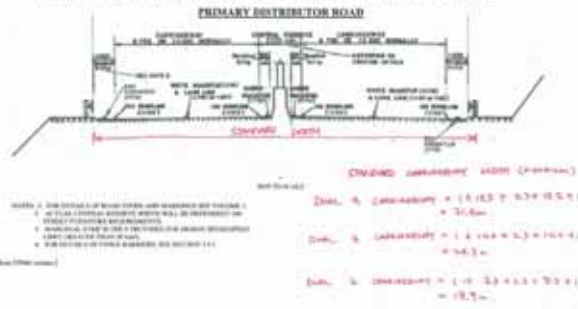
Table 2.4.1.1
Design Flows

Road Type	2 lane carriageway		Undivided carriageway		Dual carriageway				
	Peak hourly flow Veh/hour, both directions of flow		Peak hourly flow Veh/hour, one direction of flow		Peak hourly flow Veh/hour, one direction of flow				
	4 lane		4 lane		Dual 2 lane	Dual 3 lane	Dual 4 lane		
	6.75m	7.3m	6.8m	13.5m	14.6m	Dual 6.75m	Dual 7.3m	Dual 11.0m	Dual 14.6m
Expressway/road						3000	4700	6300	
Primary distributor (no storage crossings, no standing vehicles, negligible cross traffic)*	2000	2400	2400	2600	2600	2800	4200		
District distributor (storage development, side roads, pedestrian crossings, bus stops, loading restrictions at peak hours)*	1400	1700	2200	1900	2000				

Transport Planning Design Manual

Transport Planning Design Manual

DIAGRAM 3.3.12.2: PRIMARY DISTRIBUTOR ROADS TYPICAL CROSS SECTIONS

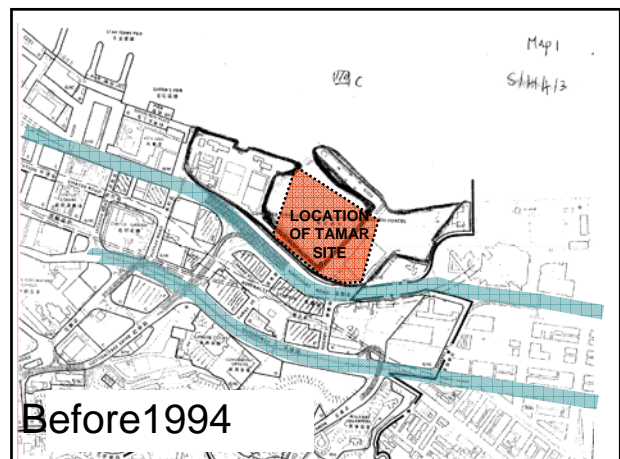


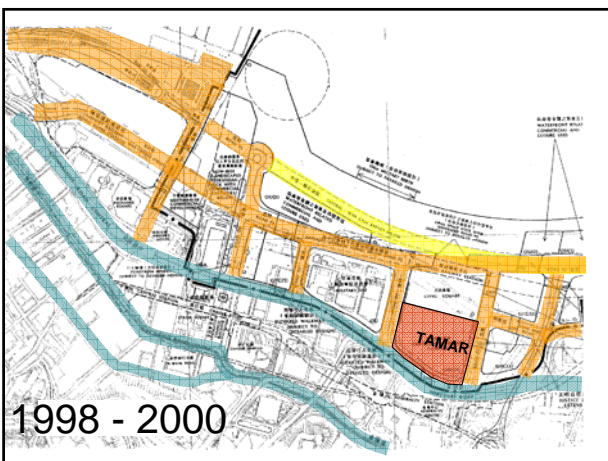
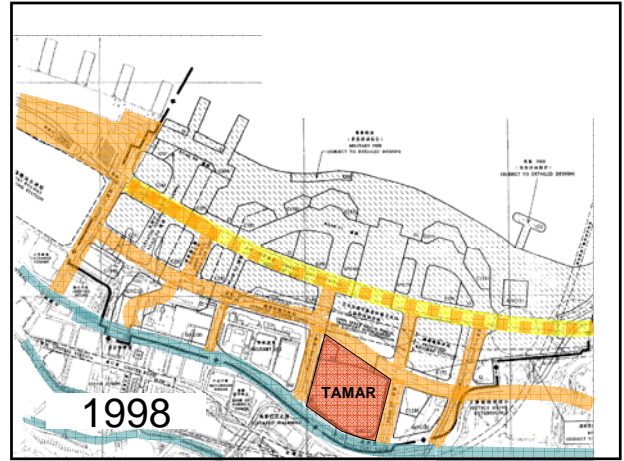
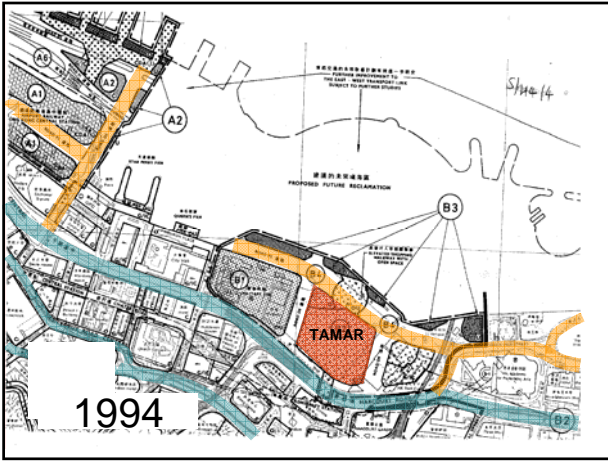
Conclusion: P2 can be smaller

- Forecast is 1,200 vehicles east and 800 vehicles west per hour during peak
- Dual carriage way (2 x 2 lanes) allows 2,800 vehicles per hour during peak
- Dual carriage way is 18.9 meters wide
- Land reserved for P2 is 40 meters wide
- Land available for P2 with QP is 20 meters

Expert Panel Report

- Para.3.3.8 states that Road P2 needs not be constructed to its final configuration during the early stage when traffic flow is lower. The Report even suggests traffic calming measures be adopted to slow down traffic.





Roads designed to serve development planned in 1998 will still be constructed today, even though the buildings they were planned for no longer exist

- BUILDINGS PROPOSED 1998 OZP
- BUILDINGS PROPOSED CURRENT OZP

STOP! 停止!
THINK! 三思!
REPLAN! 重新計劃!

Further aggravation of the problems

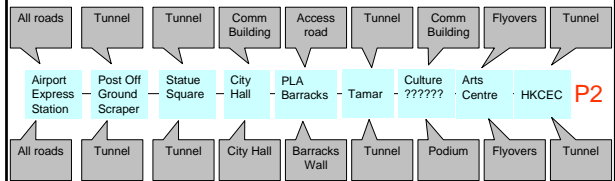


Massive road infrastructure

P2: Highway

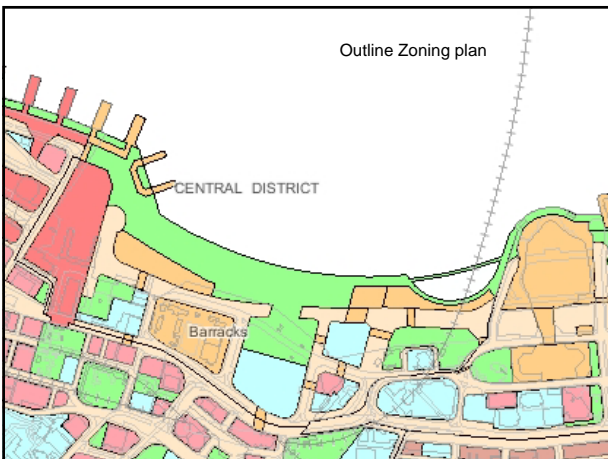
High capacity vehicular corridor

Harbour side views



City side views

Outline Zoning plan



Let's make the roads black ...
Land use by high capacity roads



