

Innovations in Asian cities towards sustainable urban development (BRT+ Multi mode Integration)



China:

- The cities of China are projected to add over 300 million people over the next 25 years.
- extremely rapid urbanization, and the growth of car use, is causing severe traffic congestion, air pollution, and a deteriorating quality of life in many Chinese cities.
- New urban developments that show a possible alternative future: modern, healthy...
- more than 35 cities implemented Bus Rapid Transit(BRT) in recent 15 years.

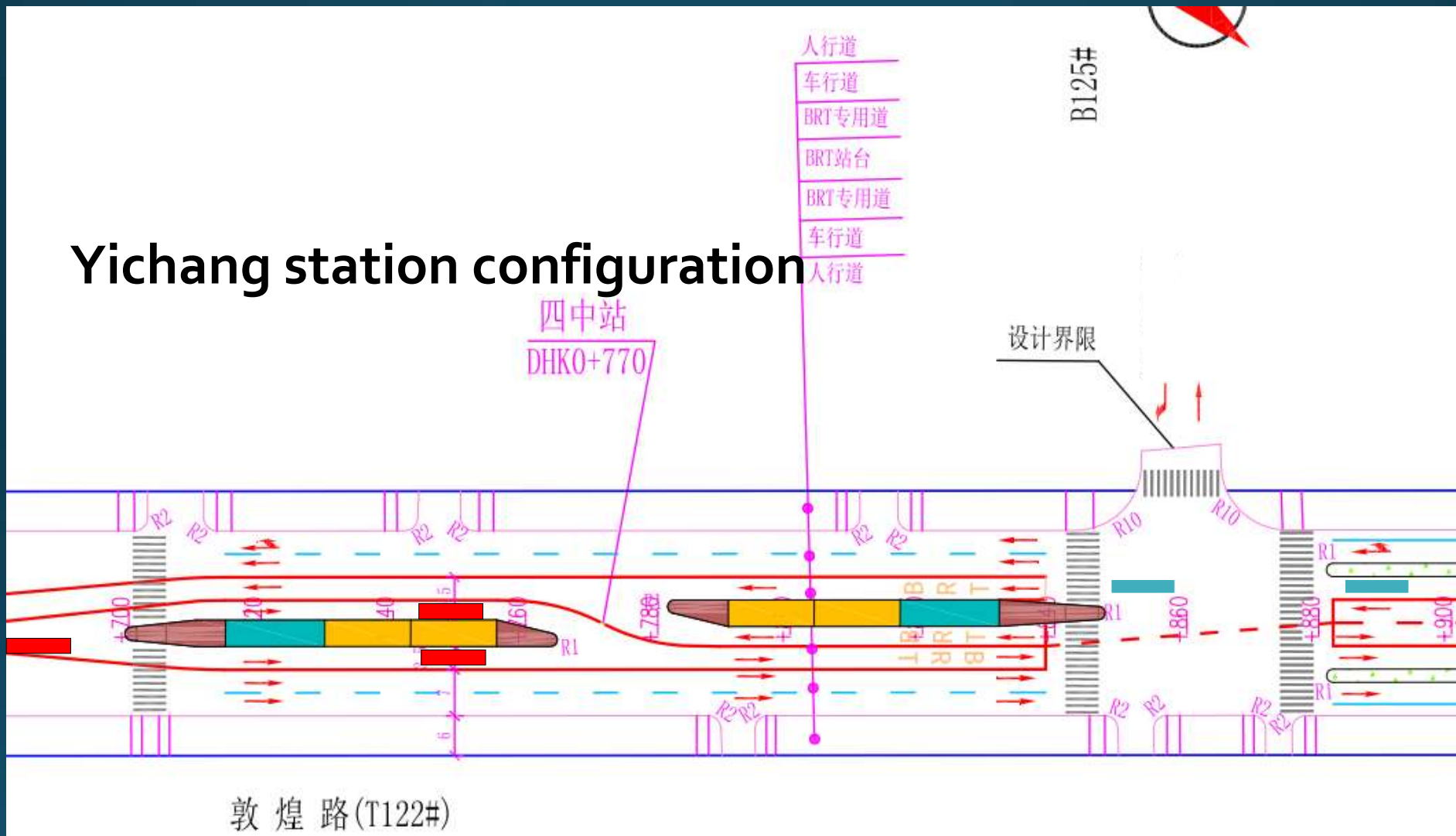


Yichang BRT

Unique Station design for narrow road and medium scale cities, and first automatic BRT boarding platform in the world



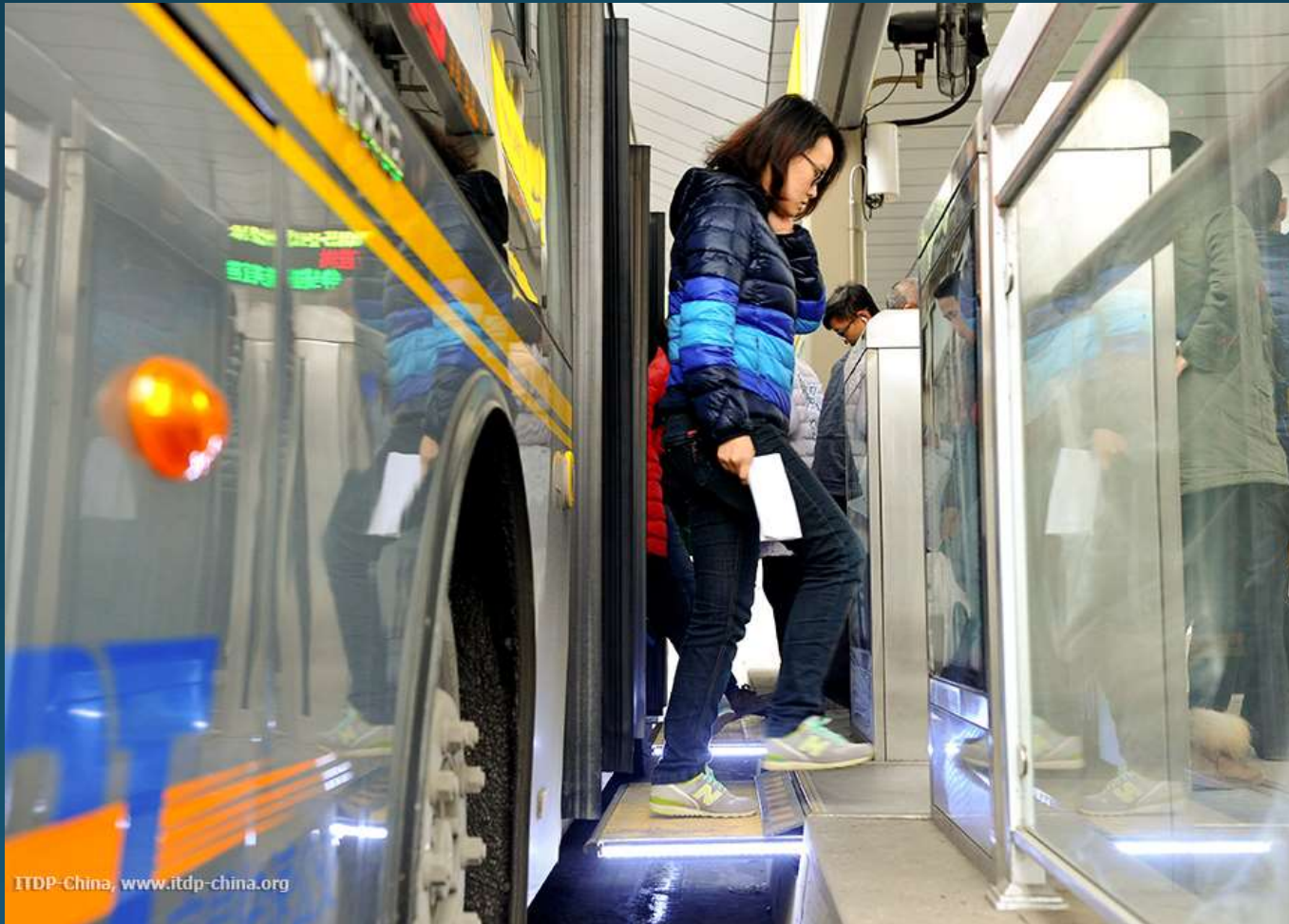
Yichang station configuration



Station can accommodate existing right side door buses, reduce bus procurement cost, and station length reduce by 50%

Yichang Boarding Extension

The platform extensions cost around \$1,300 per set, can be installed in a day. The bearing capacity of the extension is 300kg.



Worldwide First automatic extendable boarding platform in BRT systems



Video 1 – platform extension

New public bicycle technology in China: with mobile payment, expand super fast last year, no docks, convenient, popular, intergraded far throughout China. Cyclists increased by 650% within 1 year.



Vientiane BRT (current situation)



Manila BRT (Under Planning)

