

Support with the Formulation of  
a Comprehensive Plan for Public Transport

## Part II

# DEVELOPMENT of PUBLIC TRANSPORT PLANNING in Tokyo

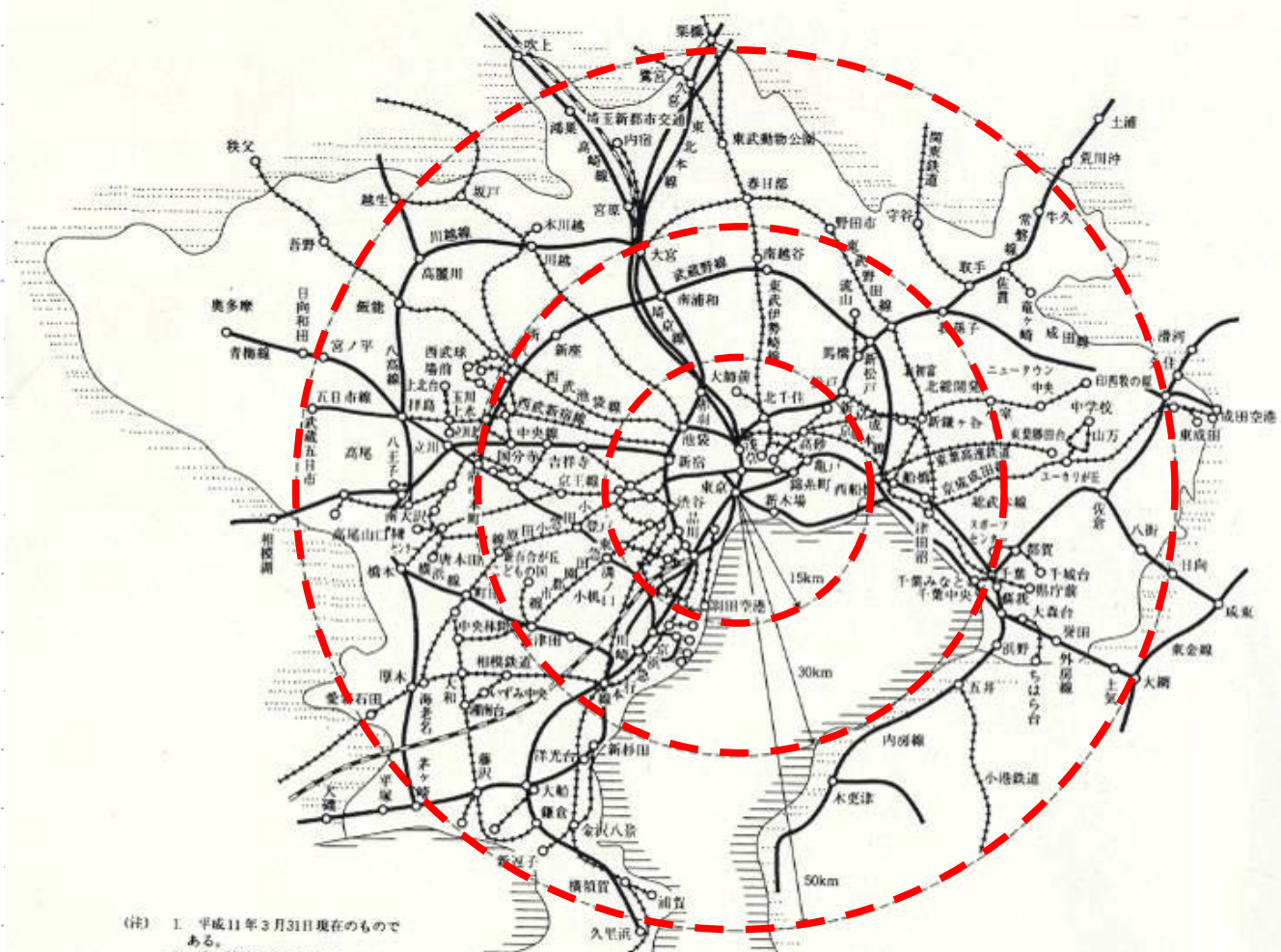
*November 2008*

Bureau of Urban development  
Tokyo Metropolitan Government

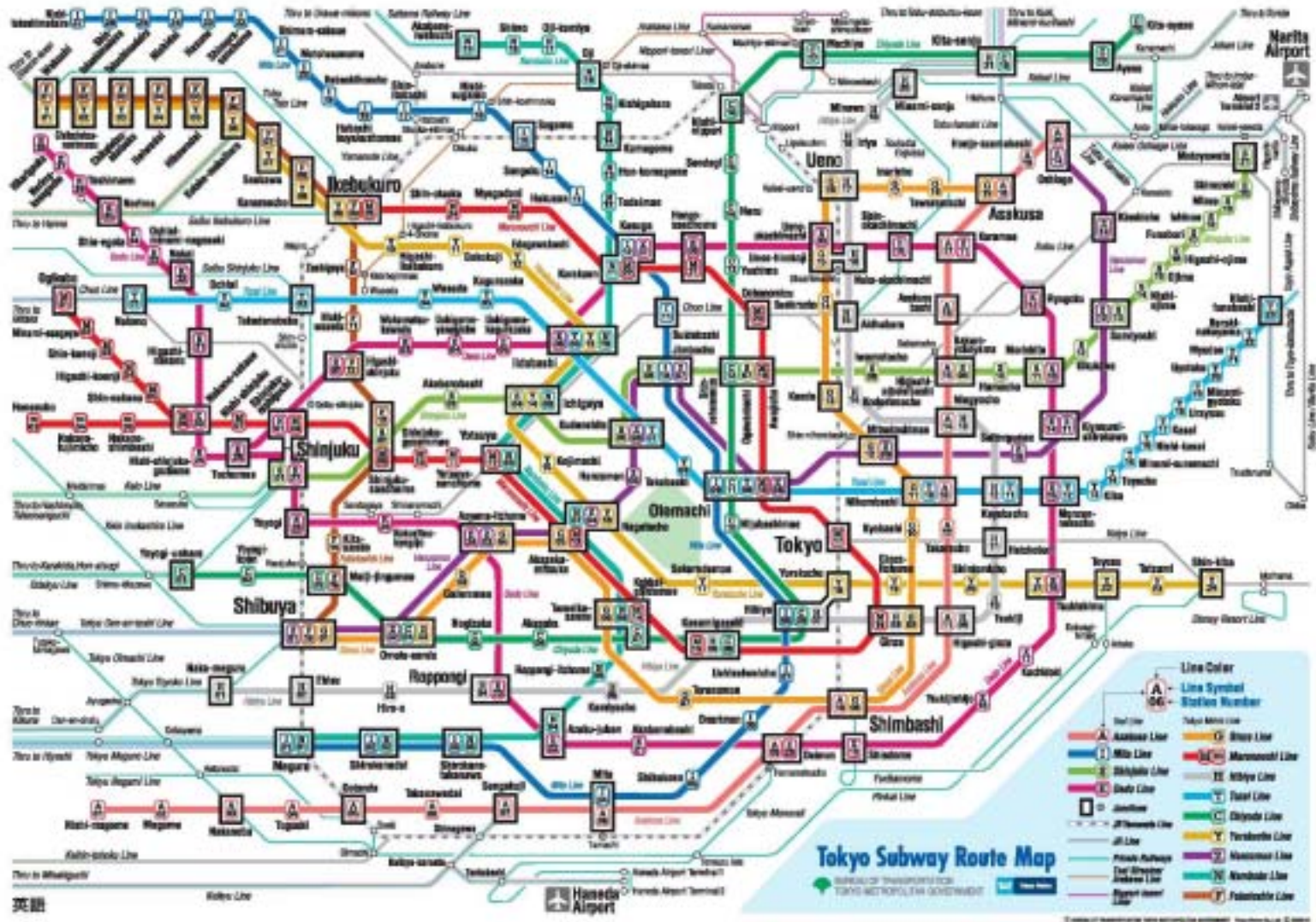
# The basic concepts in the planning of urban railways

- (i) Direct linkage between city centers and residential areas
- (ii) "Through Train Services" on metro line tracks
- (iii) Elimination of inconvenience in transport disadvantaged area
- (iv) Improve transfer between lines and modes
- (v) Road traffic connections
- (vi) Relaxation of train congestion on the existing lines

# (i) Direct linkage between city centers and residential areas

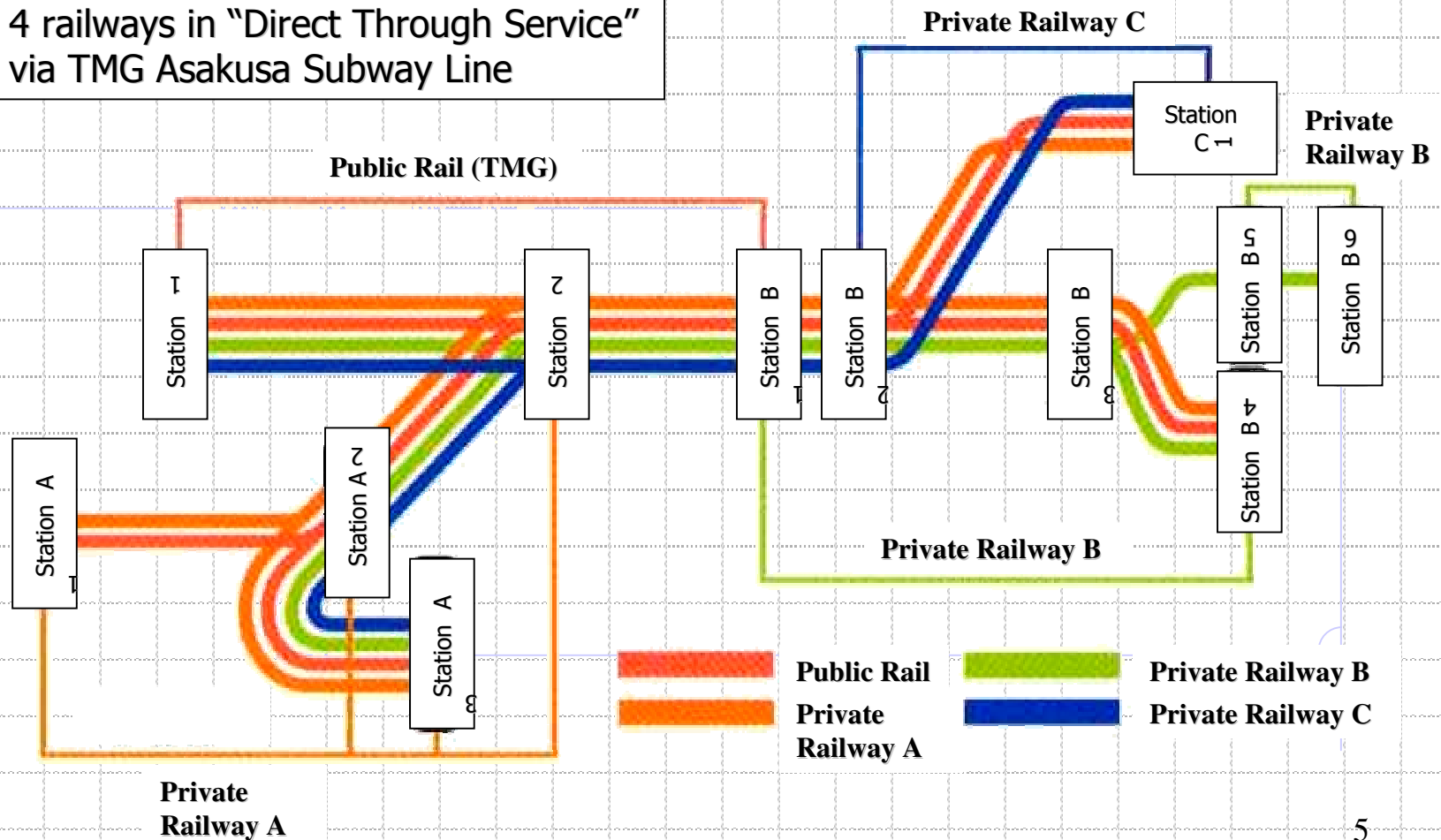


# (ii) Structure of "through routes" Metro and regional railway network in Tokyo

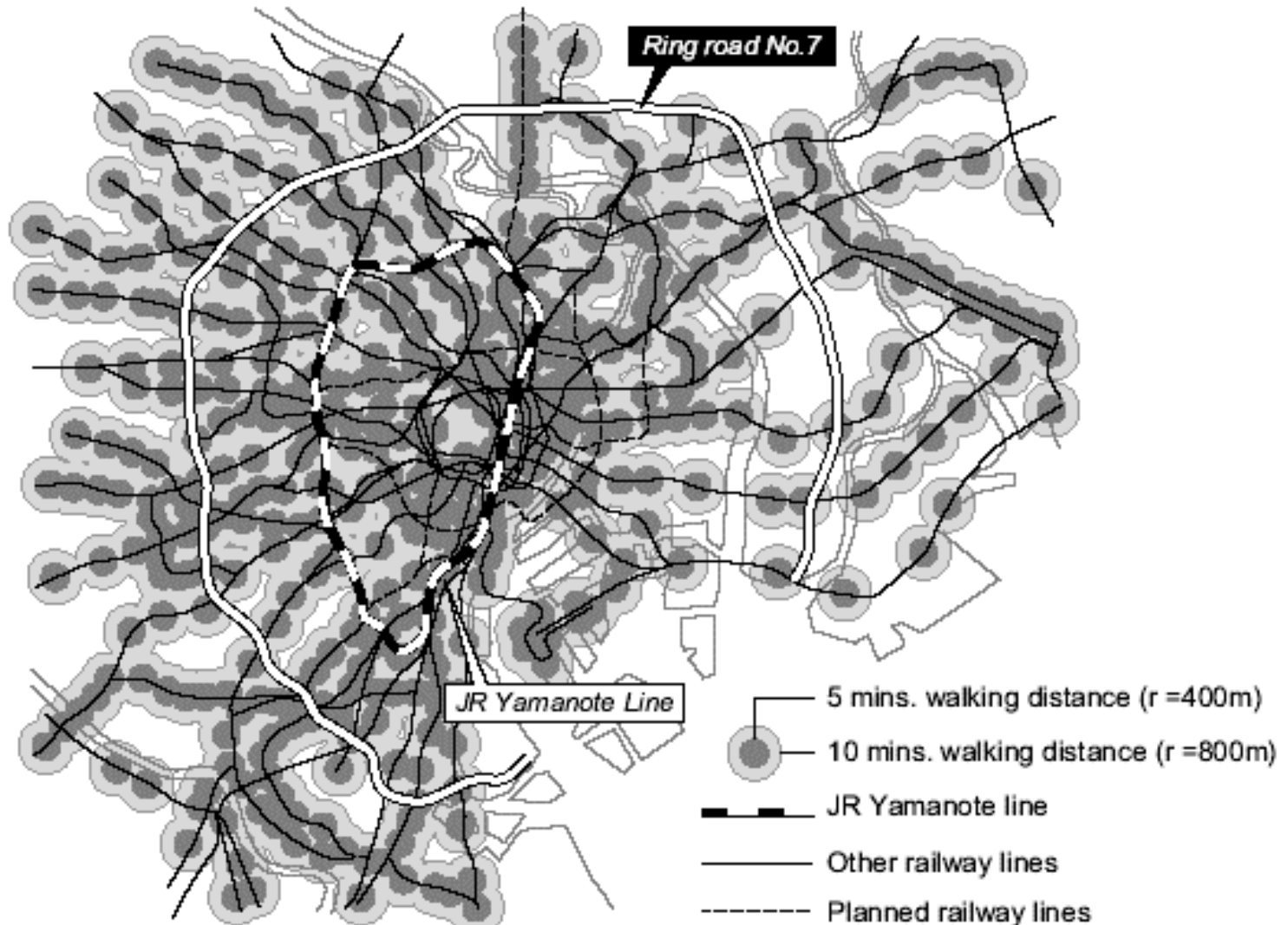


## (ii) Structure of "through routes"

4 railways in "Direct Through Service" via TMG Asakusa Subway Line

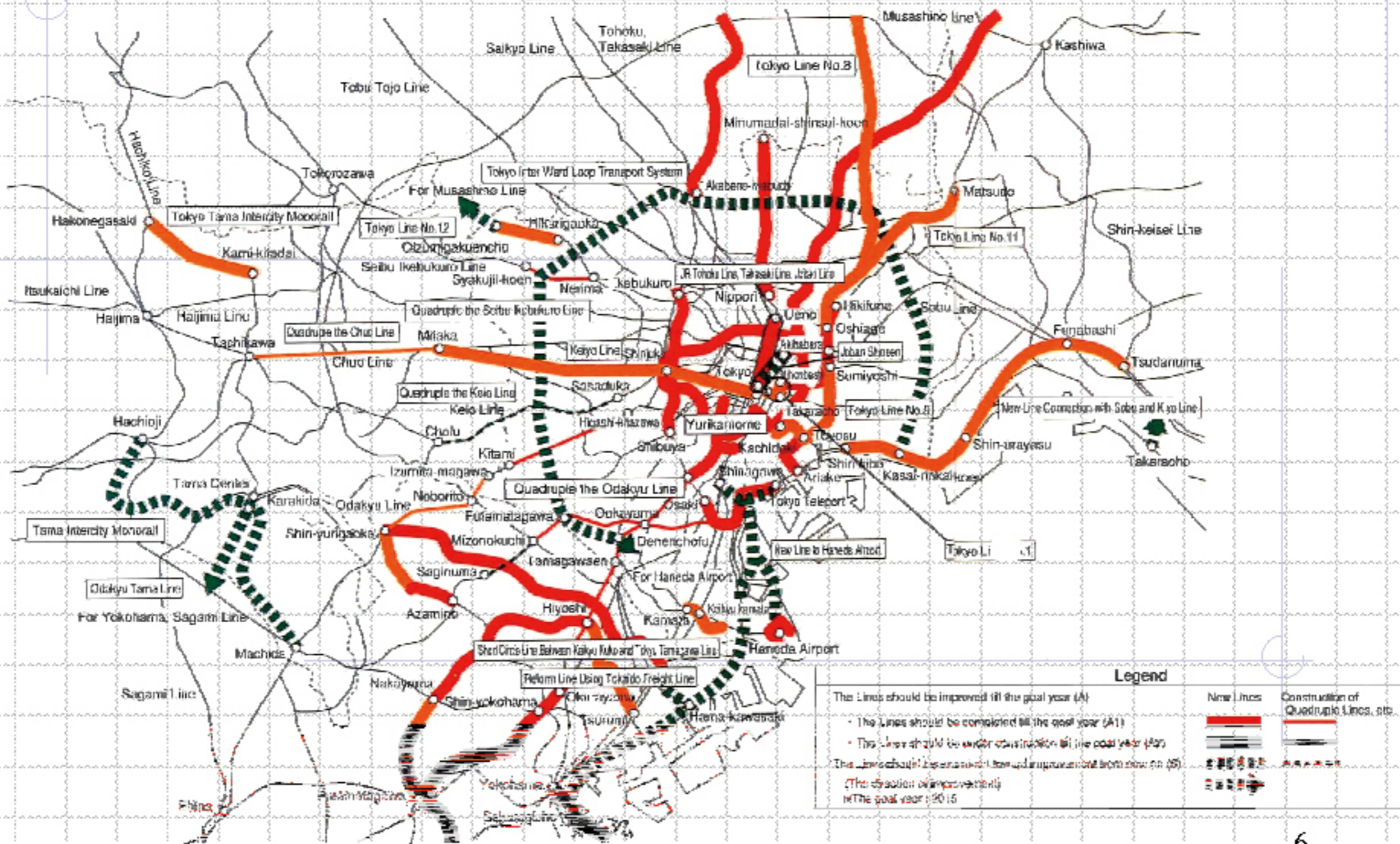


### (iii) Elimination of inconvenience in transport Zones accessible in 10 minutes walk from station



Source: Tokyo Metropolitan Government

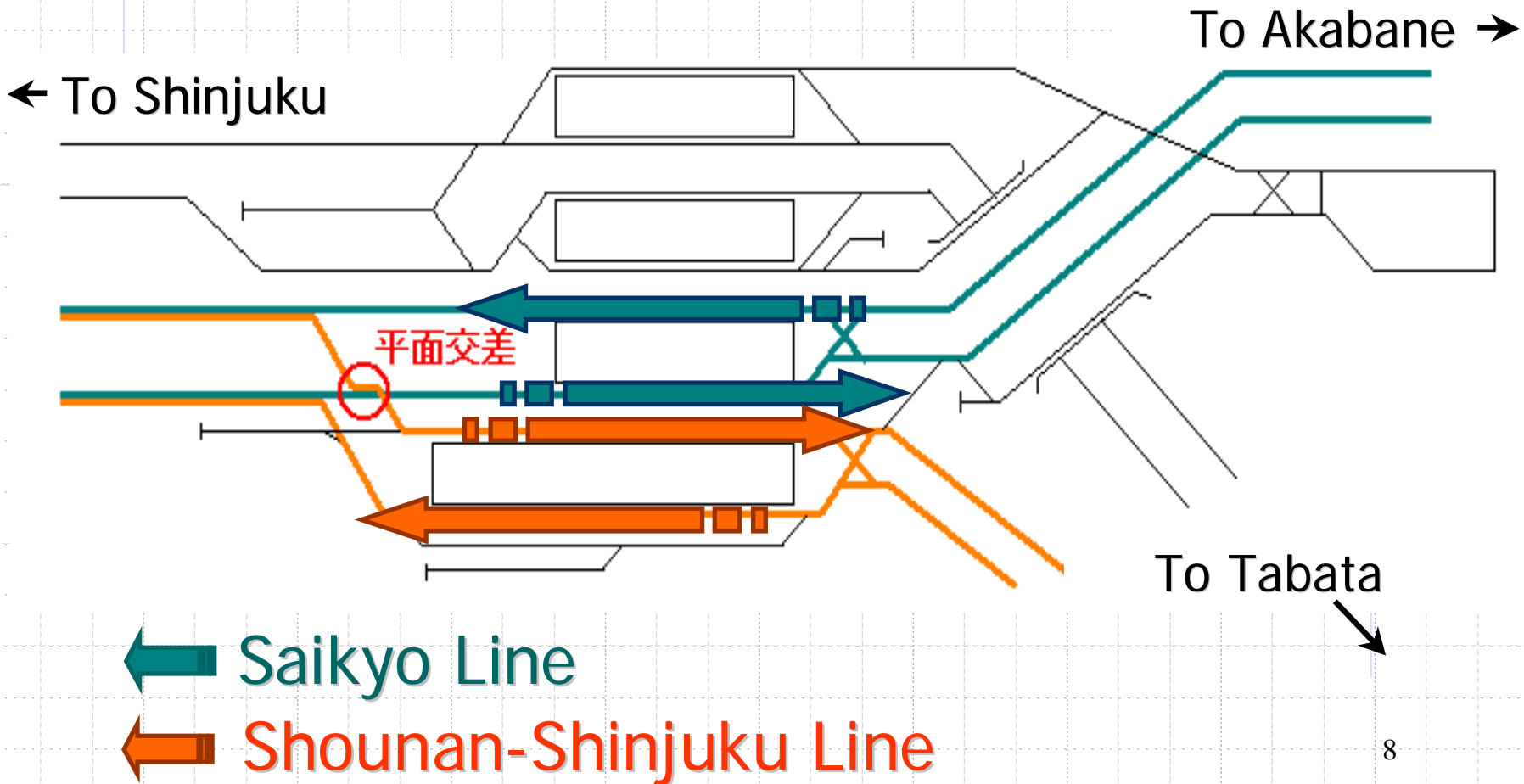
# (iii) Elimination of inconvenience in transport



## (iv) Improvement of the coordination

Ikebukuro St.

Before

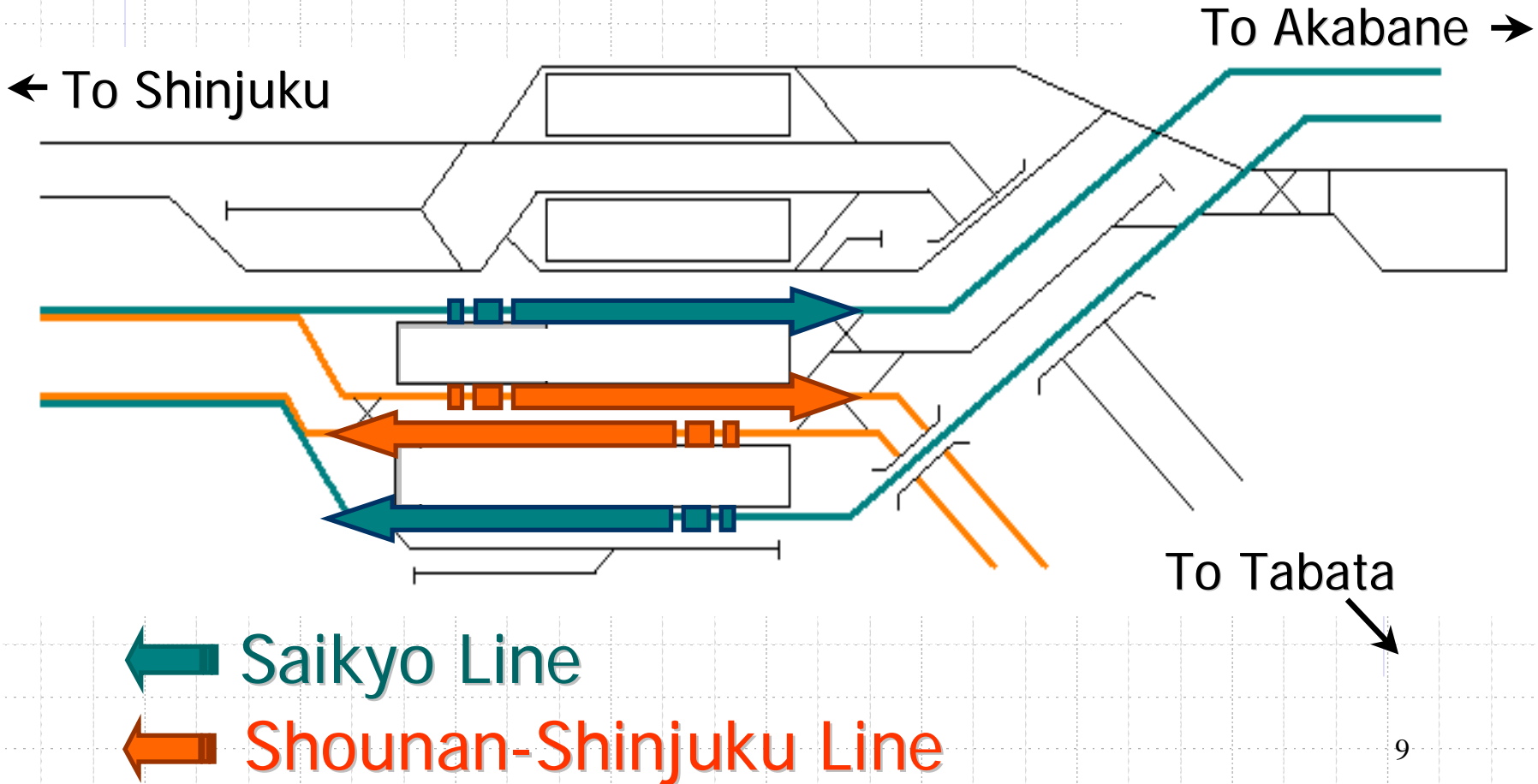




# (iv) Improvement of the coordination

## Ikebukuro St.

### After



# (iv) Improvement of the coordination The IC Card Ticketing System in urban area

The IC Card &  
the Ticket Gate



JR East & the others  
(6 Sectors)



Mutual Use with Each  
Transportation Company  
(2007 ~)

Private Railways &  
Subways (26 Sectors)

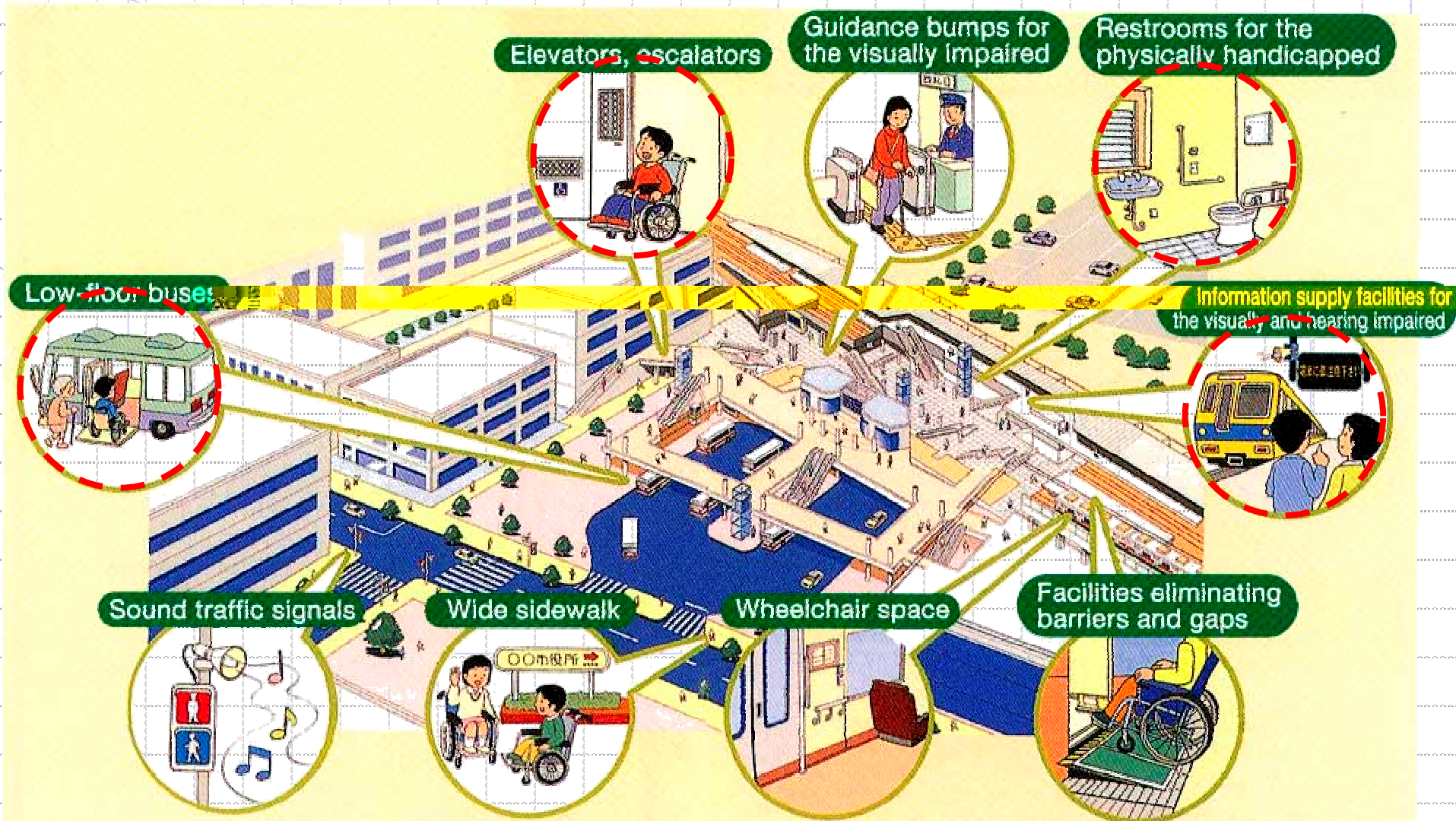


Buses (78 Sectors)

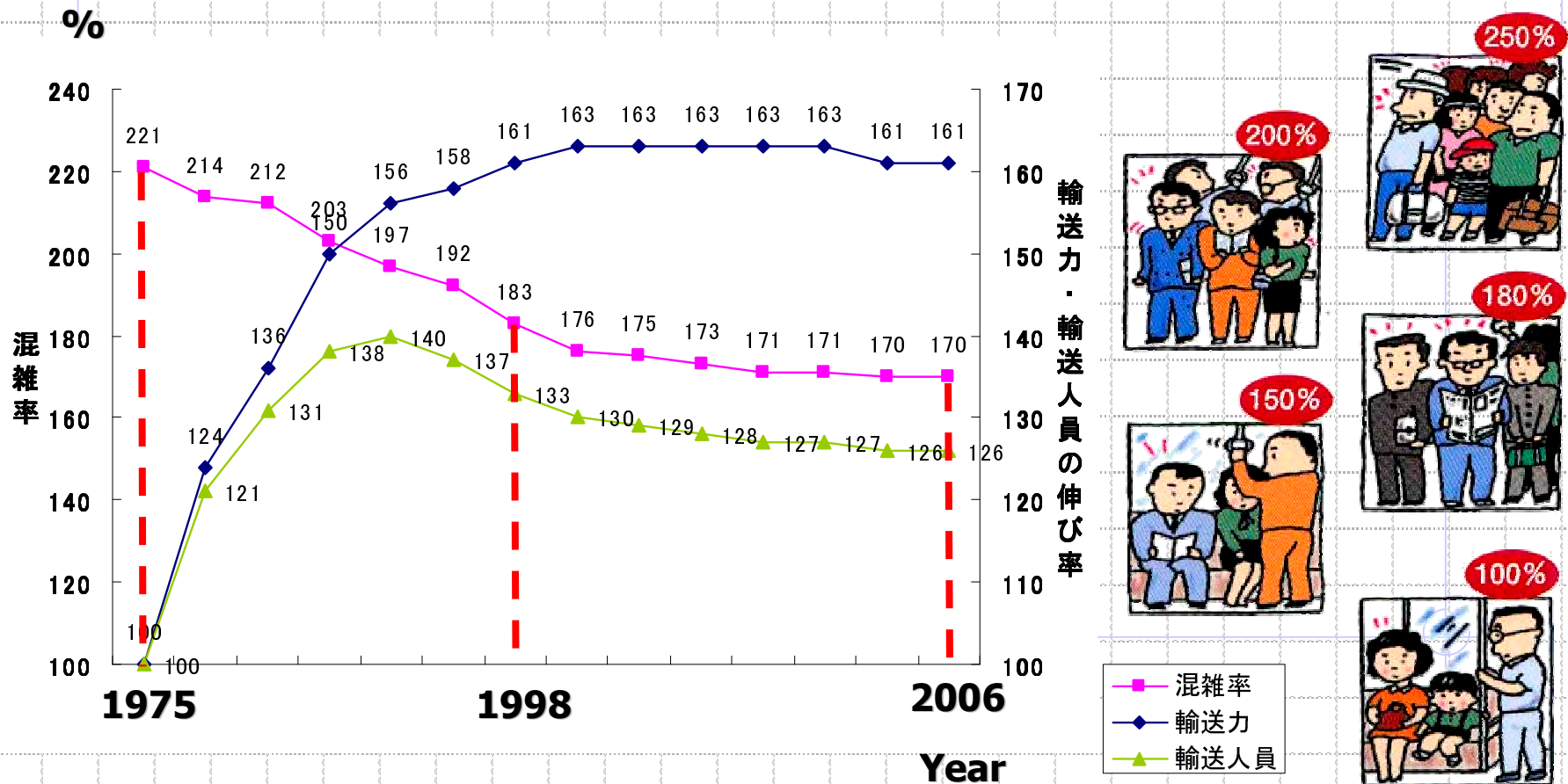


# (iv) Improvement of the coordination

# (v) Road traffic connections



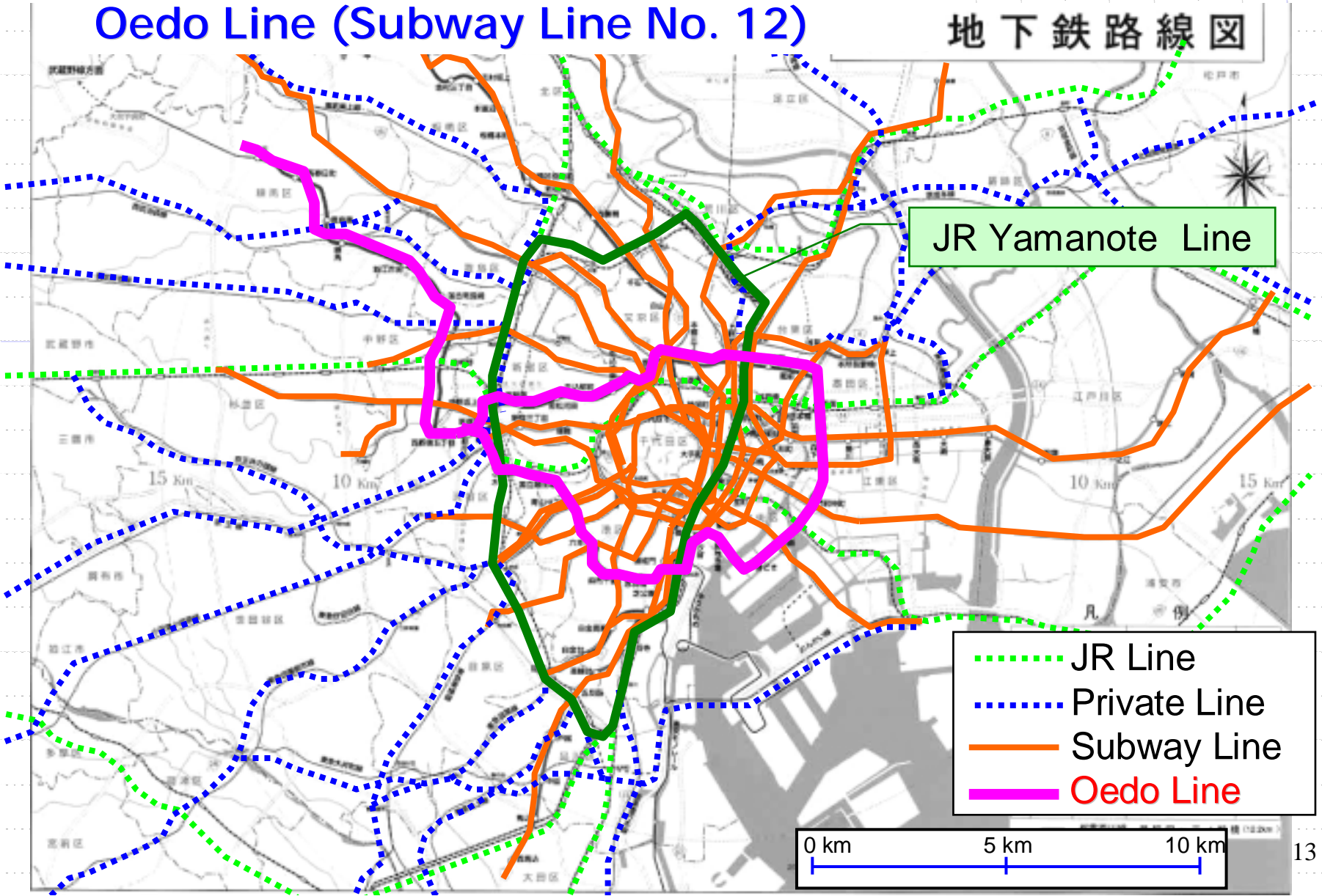
# (vi) Relaxation of train congestion on the existing lines



# Major Urban Railway Development in Recent Years

## Oedo Line (Subway Line No. 12)

地下鉄路線図



## Oedo Line (Subway Line No. 12)



Development costs : 1,400 billion yen (34 bil.yen/km)

Total length : 41 km    Number of stations : 37

Number of passengers : 870,000/day

# Major Urban Railway Development in Recent Years

## Tsukuba Express (Urban Rapid-Transit Railway)



# Tsukuba Express (Urban Rapid-Transit Railway)



Development costs : 940 billion yen (16 bil.yen/km)

Total length : 58 km Number of stations : 20

Number of daily passengers : 192,000/day(May 2006)



# Tsukuba Express (Urban Rapid-Transit Railway )



Moriya Station

Apartment House



Research Facilities

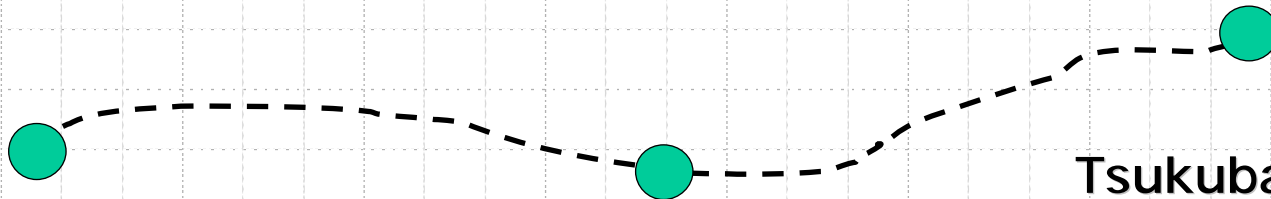


# Akihabara district

## (Concept of Land use)

### Concept of Tsukuba Express (TX) Project

- Develop transit system in North-East region of Tokyo Megalopolis
- Mitigate congestion of mass transit railway, ex. JR Jyoban Line
- Develop land for housing in Tokyo Megalopolis
- Develop industrial infrastructure and create business core city along the line



### Akihabara zone

- Integrate urban functions as a global IT center
- Encourage people to live in the urban center

### Kashiwa zone

- Integrate education, culture and better living conditions

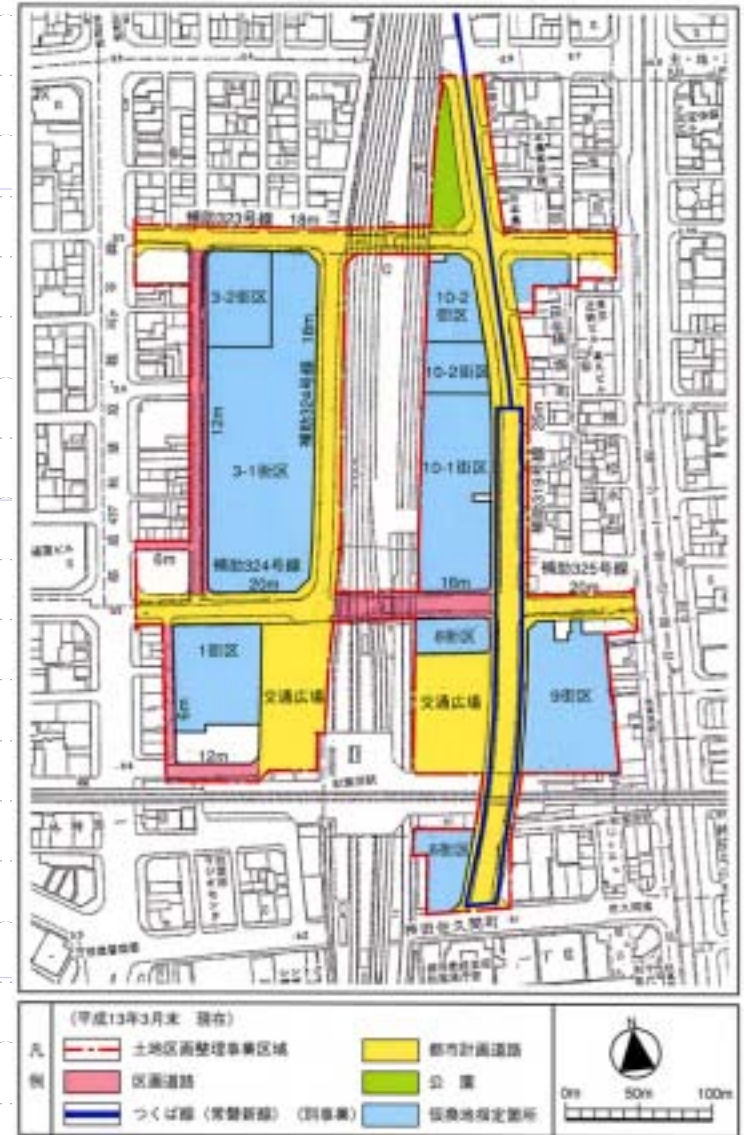
### Tsukuba zone

- Leading zone to develop TX belt, integrating international R&D functions and innovated life style

# Akihabara district (Land readjustment project)



(Before)



(Development Plan)

# Akihabara district (views under construction)

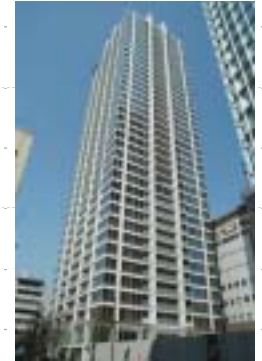
Station square  
in JR west side area



Akihabara UDX

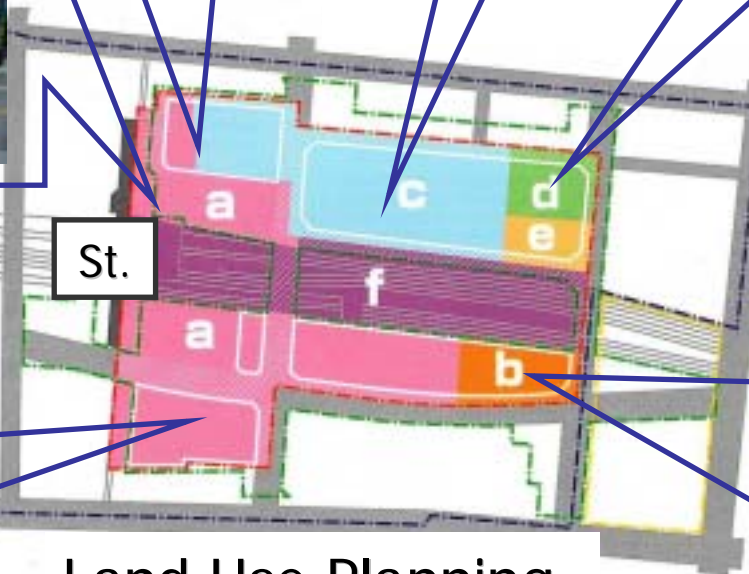


TOKYO  
TIMES TOWER



Daibiru Bldg.

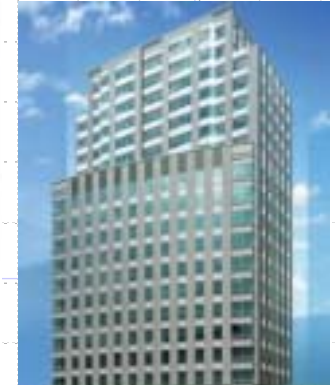
St.



Land Use Planning



Yodobashi AKIBA



Intage  
Akihabara Bldg.



Uniting Our Worlds

日本だから、できる。あたらしいオリンピック!

**Thank you very much!**