



# **Issues on Railway Development in Metro Manila**

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Presented at JTTRI Seminar, Makati, 11 February 2020

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- Transport Situation in Metro Manila (MM)
- Transport Planning History
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Transport Master Plans
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- Issues

# JICA-Funded Transport Studies in Metro Manila

**1975  
and  
earlier**

**UTSMMA**  
(Urban Transport Study for  
Metropolitan Manila)  
MP: JICA/MP WTC

**MMETROPLAN**  
(Metro Manila Transport and Land  
Use Development Planning Study)  
MB/MPWTC

**1976**

**1981**

**MMUTIP**  
(Metro Manila Urban Transport  
Improvement Project) OECF/MOTC

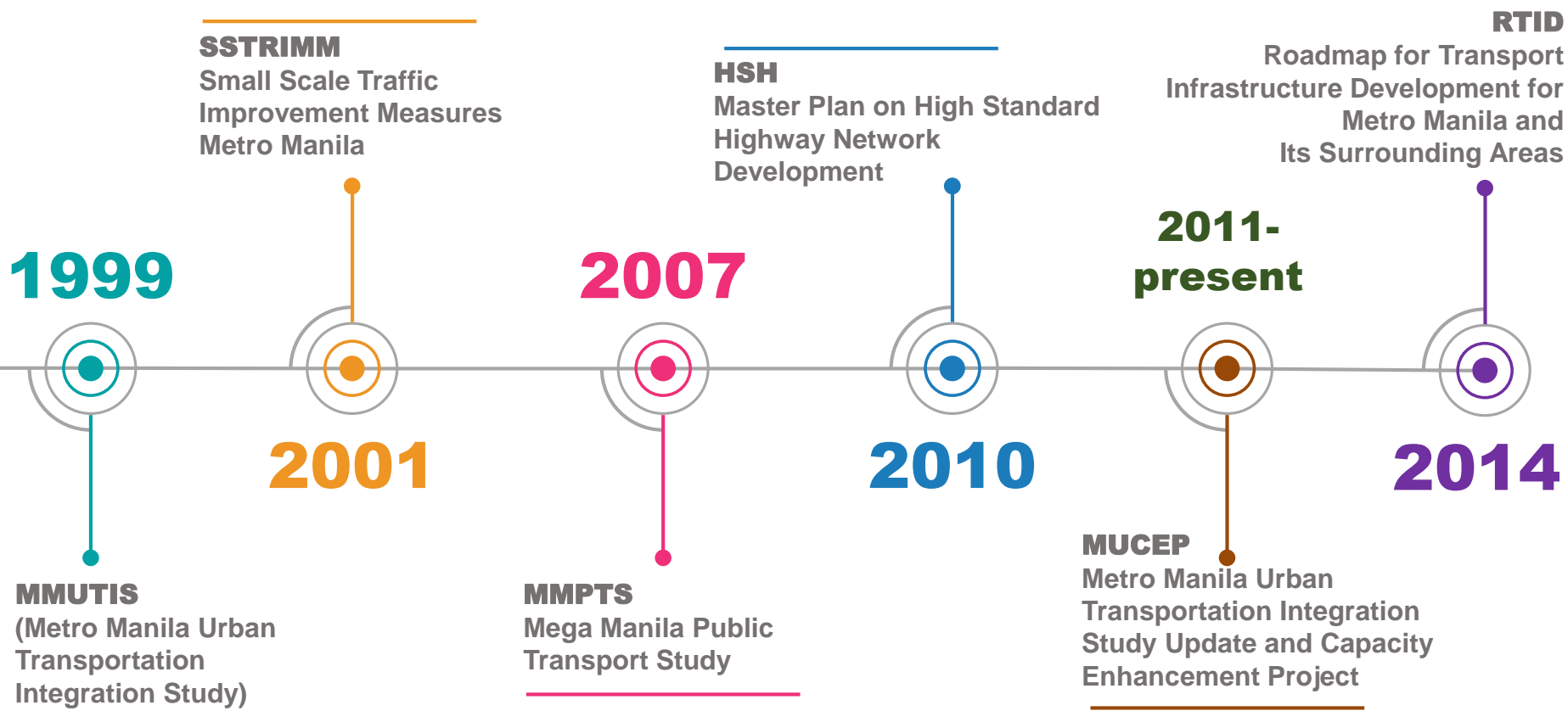
**JUMSUT**  
(Metro Manila Transportation  
Planning Study)  
MP: JICA/MOTC

**1983**

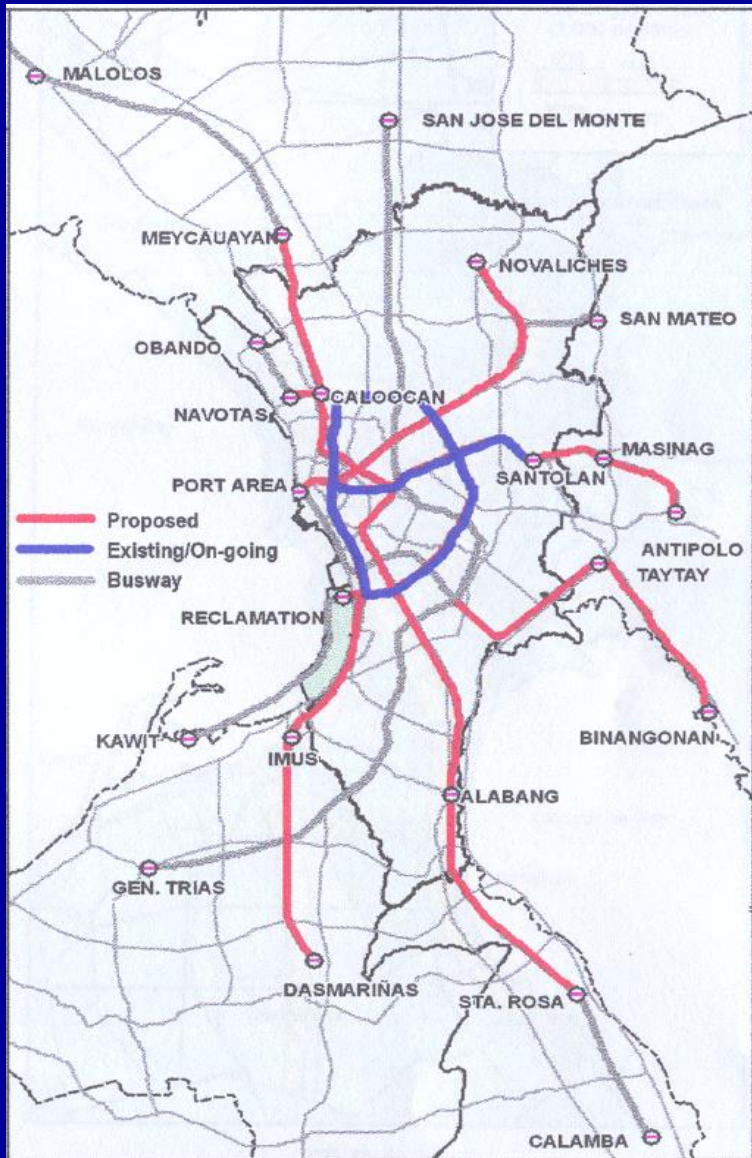
**1991-  
1995**

**Urban Expressway  
Study**  
MP+ FS JICA DPWH

# JICA-Funded Transport Studies in Metro Manila (2)



# RAIL



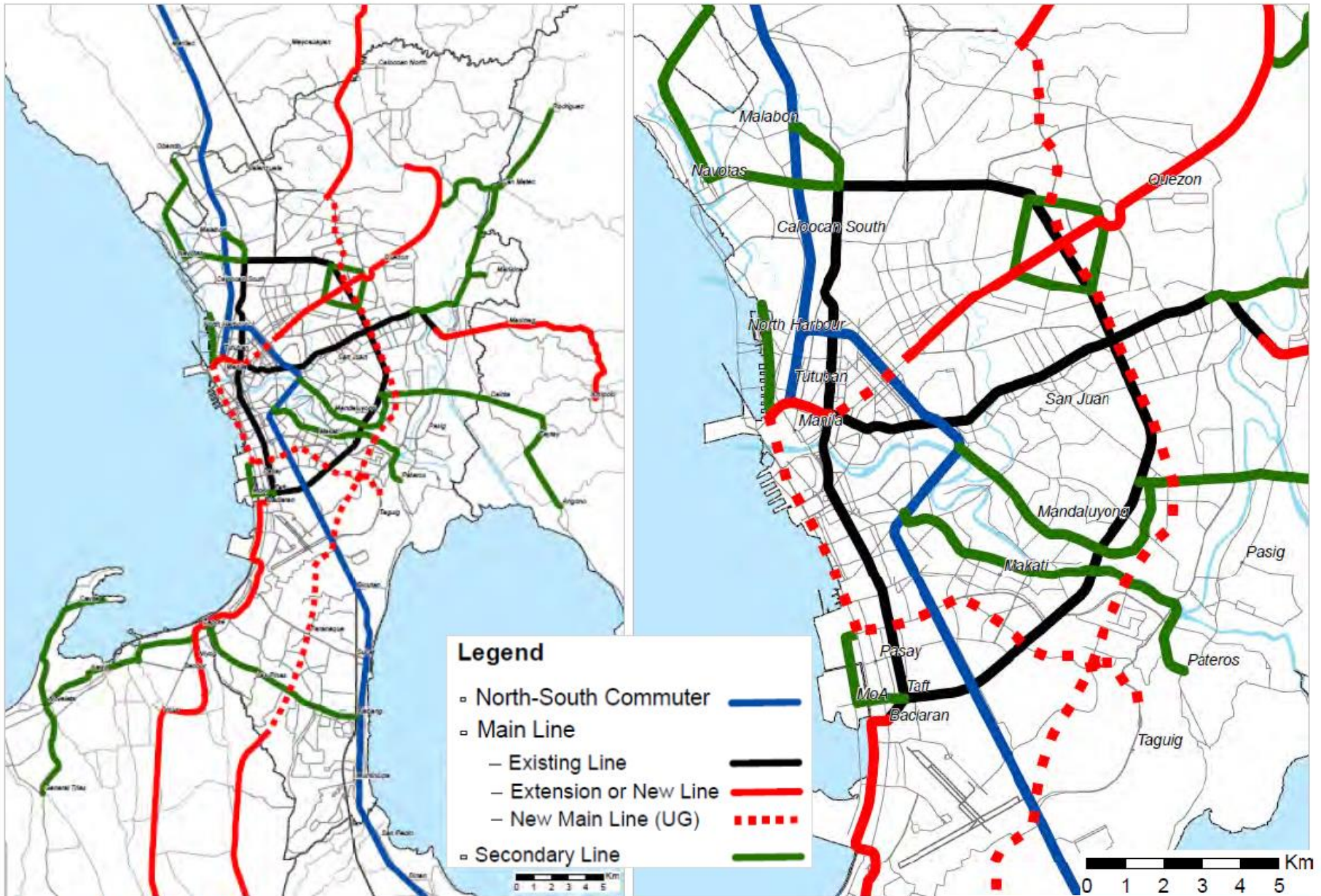
<sup>1/</sup> Busway includes major bus priority measures

Source: MMUTIS Data

Dr. Primitivo C. Cal



# Proposed Mass-Transit Network for Mega Manila, 2030

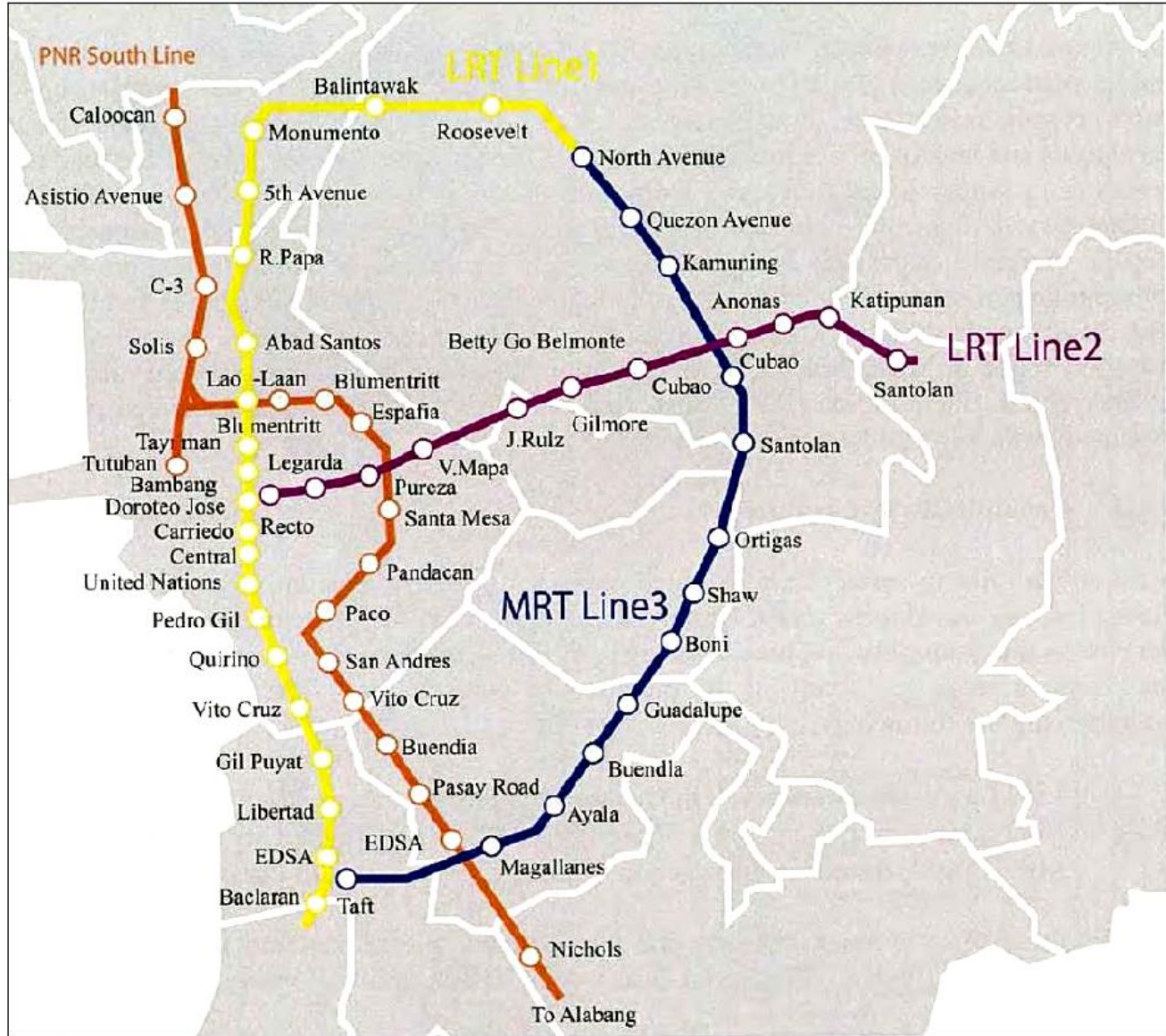


Source: JICA Study Team.

Source: RTID, 2014



# Existing Rail Network in Metro Manila



Source: RTID, 2014

Source: High Standard Highway Network Development in the Republic of the Philippines, JICA-DPWH, 2010 (as taken from LRTA website).

# Note the low capacity of the LRT system in MM Asian MRT<sup>a</sup> and their daily ridership 2010

City	Opening year	Length, 2010 (km)	Daily passengers ('000)	Car ownership No./1,000 population	Remarks	Urbanized density <sup>b</sup> (persons per ha)	Population (greater MA), million
Seoul	1974	287	5,610	229	Rapid expansion, rethinking for alternative modes, BRT	230	24.5
Metro Manila	1984	52	948	50 <sup>b</sup>	No expansion due to financial constraint, low capacity	206	21.4
Shanghai	1995	423	3,560	95	Rapid expansion, 400 km by 2010 (using leasing fee)	196	19.2
Taipei	1996	101	1,270	244	Rapid expansion, 118 by 2010	220	6.7
Bangkok	1999	75	564	227 <sup>b</sup>	Uncertain expansion plan	138	11.9

Source: STREAM compilation from city case studies

<sup>a</sup> Include only heavy rail system except the urban section of national rail (except Metro Manila which is the LRT system)

<sup>b</sup> 2004 data



# ISSUES

- No real commitment to implement master plan
- Preference for short-term projects
- No single government entity responsible for transport development in Metro Manila



# Issues on Railway Development Metro Manila

## Thank you!

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