

TRANSIT ORIENTED DEVELOPMENT (TOD): A REVIEW

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ABSTRACT

Over the past decade, the concept and practice of transit-oriented development (TOD) has proliferated, gaining credibility and acceptance in communities. The literature available on the subject of transit-oriented development (TOD) is large and growing rapidly. The principal aim of this literature review is to give the user a head-start in locating information of interest in the field. The items in this literature review are organized by topic areas to allow the user to efficiently target and access the areas of greatest interest, listing the goals of TODs, and the land use, process, and financial strategies necessary to achieve them. It includes many references on a variety of related topics, including definitions of TODs, landuse & density requirements in wider areas beyond stations for various transit modes, factors that work toward reinforcing successful TOD and higher transit use, travel impacts of TODs. This research paper is a wide-ranging discussion of TODs, while written with a decidedly advocacy tone, is nonetheless a must read for anyone interested in TODs.

KEYWORDS- TOD, Landuse, Local Community, Transit, LRT/BRT.

REFERENCE

- 1) Research Results Digest No.52, (Oct. 2002) Transit-Oriented Development and Joint Development in the United States: A Literature Review
- 2) Peter Lombardi, (Oct. 2005) Transit Village Monitoring Research, State of the Literature 2004: Transit-Oriented Development.
- 3) Calthorpe Associate in association with Mintier & associates(Sept. 1990) Transit Oriented Development Design Guidelines
- 4) D Nelson, J Niles and A Hibshoosh (2001) A New Planning Template for Transit-Oriented Development
- 5) R Dunphy, D Myerson, M Pawlukiewicz (2003) Ten Principles for Successful Development Around Transit
- 6) Cervero. R. et al (Jan. 2004) TCRP REPORT 102, Transit-Oriented Development in the United States: Experiences, Challenges, and Prospects
- 7) Nevada CLARION ASSOCIATES (June, 2004) Best practices in transit-oriented development- City of Reno
- 8) JOHN E. (JAY) EVANS, RICHARD H. PRATT, ANDREW S., J. RICHARD KUZMYAK (2007) TCRP REPORT 95 Chapter 17-Transit Oriented Development
- 9) John L. Renne, Evaluating Transit-Oriented Development Using a Sustainability Framework: Lessons from Perth's Network City

- 10) Carey Curtis (Nov 2008) Development Model for Low-density Cities: A Case Study of Perth's New Railway Corridor
- 11) RE Connecting America (March 2009) Case Studies for Transit Oriented Development
- 12) Ashok Bhattacharjee (2009) Barriers to Implementing Transit Oriented Development
- 13) MARTA (Nov. 2010) Metropolitan Atlanta Rapid Transit Authority Transit-Oriented Development Guidelines- A Model TOD Zoning Overlay
- 14) Mason Austin, Dena Belzer, Albert Benedict, Paul Esling, Peter Haas, Gajus Miknaitis, Elizabeth Wampler, Jeff Wood, Linda Young, Sam Zimbabwe (Dec. 2010) Performance-Based Transit-Oriented Development Typology Guidebook
- 15) Robert Cervero & Cathleen Sullivan (June 2011) Green TODs: marrying transit-oriented development and green urbanism
- 16) Colonna P.a, Berloco N.a, Circella G (2012) The Interaction between Land Use and Transport Planning: a Methodological Issue
- 17) Master plan of Delhi 2021 - Chapter 19: Transit Oriented Development (Dec 2012)
- 18) Michael Busha, Marlene Brunot, Kim DeLaney, Steven Fett, Anthea Gianniotis, Wynsum Hatton, Christen Hutton, Dana Little, Eloine Sabol (Dec. 2012) Florida TOD Guidebook
- 19) Heng Wei, Abdollah Mogharabi (2013) Key Issues in Integrating New Town Development into Urban Transportation Planning
- 20) Pierluigi Coppola, Enrica Papa (2013) Accessibility Planning tools for sustainable and integrated Land Use/Transport (LUT) development: an application to Rome
- 21) Vincent Chakour, Naveen Eluru (2013) Examining the influence of urban form and land use on bus ridership in Montreal
- 22) Institute for Transportation and Development Policy Mexico (2013) Transit Oriented Development Regenerate Mexican Cities To Improve Mobility
- 23) Crosby, Schlessinger, Smallridge, AECOM, Inc (January 2014) Transit Oriented Development Smart Growth Study New Rochelle, NY
- 24) Ana Galelo, Anabela Ribeiro, Luis M. Martinez (2014) Measuring and evaluating the impacts of TOD measures -Searching for Evidence of TOD characteristics in Azambuja train line
- 25) Hayati Sari Hasibuana, Tresna P Soemardja, Raldi Koestoerb, Setyo Moersidik (2014) The Role of Transit Oriented Development in constructing urban environment sustainability, the case of Jabodetabek, Indonesia
- 26) Alice S. Y. Chow (April 2014) Urban Design, Transport Sustainability and Residents' Perceived Sustainability: A Case Study of Transit-oriented Development in Hong Kong
- 27) Master plan of Delhi 2021, Chapter 19: Transit Oriented Development
- 28) Wilbur Smith Associates (May 2008) Study on Traffic & Transportation Policies and Strategies in Urban Areas in India

Useful Websites

<http://www.reconnectingamerica.org/>

<http://www.vtapi.org>

http://www.apta.com/research/info/briefings/briefing_8.cfm

<http://www.transitorienteddevelopment.org/>

<http://www.itdp.org/>

<http://www.transitvillages.org/>

<http://www.todadvocate.com/>