

Learning from LA & NY – Transportation and Communities

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Friday, June 22, 2018, 7:00 AM – 8:00 AM
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A18 AIA Conference on Architecture 2018
June 21-23, New York City

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Course / Learning Objectives

- Upon completion, participants will be able to see how the investment in transportation is transforming Manhattan's Far West Side into a viable, dense, transit-oriented development. Attendees will see how transit investments can transform communities. They will be inspired to tour the streets of Hudson Yards and see the new station.
- Upon completion, participants will be able to understand the amount of transportation projects completed under Measure R and proposed under Measure M in Los Angeles. In addition, participants will be able to see the types of TOD projects contemplated in Los Angeles, the planning effort, and coordination effort required.
- Upon completion, participants will be able to understand what a transit-oriented-development is and what are some guiding principles for these communities. They will see examples of these communities and see the value of urban planning.
- Upon completion, participants will be able to understand how transportation expansion projects are the center of transit-oriented communities in New York, Los Angeles, and Toronto.

Learning from LA & NY – Transportation & Communities



Acknowledgements / Credits

- MTA Capital Construction**
- Hudson Yards Development Corporation**
- Related Companies**
- Dattner Architects** – 7 Line Extension
- Thomas Heatherwick** – the "Vessel"
- Grimshaw/Arup** – Fulton Transit Center
- WSP/STV/PTC** – East Side Access
- di Domenico + Partners** – PSA Site planning
- Stantec** – LIRR 3rd Track Expansion
- AECOM** – SAS Phase 1
- WSP** – Penn Station Access Planning

Acknowledgements / Credits

LA Metro
Gensler – North Hollywood Joint Development
Y&M Architects – Mariachi Plaza Joint Development
Arquitectonica Los Angeles – Wilshire/Vermont Joint Development
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Toronto Transit Commission
York Region Transit
Claude Cormier + Associés Inc., Montreal – Vaughan Metropolitan Centre
Will Alsop Architecture/TSGA/IBI – Finch West and Pioneer Village Stations
Foster & Partners/Arup/Adamson Associates Architects – York University Station
Aedas/AECOM – Downsview Park and Highway 407 Stations
Grimshaw/Arup/Adamson Associates Architects – VMC Station

Panel Overview

- Introduction of Speakers
- New York Transportation Overview
- Transforming Transit Oriented Developments (TODs) towards Transit Oriented Communities (TOCs)
- Los Angeles Transportation Overview
- Toronto Transit Oriented Communities
- LA Metro's New Systemwide Design
- Discussion

Speakers List

Shirley Moy, AIA
 Program Manager, Penn Station Access, MTA Capital Construction

Eve Michel, AIA
 Senior Vice President & Chief Architect, MTA Capital Construction

Robert Paley
 Director of TOD, MTA

Adam Light, AICP-CUD
 Senior Director, Systemwide Design, LA Metro Countywide Planning & Development

New York – MTA's Mega Projects



East Side Access

Fulton Center

LIRR Third Track Expansion

MTACC Mega Projects

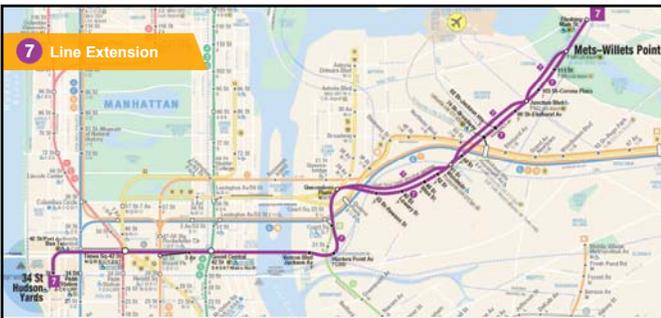


Penn Station Access



Second Avenue Subway

7 Line Extension



7 Line Extension



MTA Established Basis for West Side Yard Development

MTA Beyer Blinder Belle 1989 Master Plan elements:

- Urban model based on Battery Park City
- High density, mixed use - 10 FAR base
- Commercial core 10th to 11th Avenues.
- Retail 10th Avenue, waterfront residential
- Central public open space on both superblocks
- Proposed shuttle to Penn Station as transit investment to serve the site
- 2,900 parking spaces

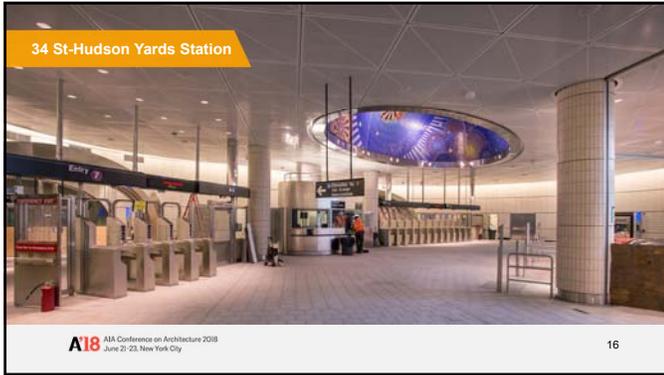
Related 2007 Response to MTA/NYC RFP Based On Design Guidelines:

- High density, mixed use - 10 FAR base
- Commercial core 10th to 11th Avenues, retail 10th Avenue, residential on waterfront
- Central public open space on both superblocks
- New transit investment required to serve the site is the extension of the 7 line subway

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Exploration of TOD Concepts Towards Place Making & Creating Communities

- Network Connectivity
- Site Layout, Integrating Ancillary Buildings, Kiss and Ride, Parking, Building Design, Station Access
- Accessibility, and Area Design
- Parking Management
- Pedestrian and Bicycle Circulation

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"Transit Stations as the Centerpiece of Community"

- Robert Paley

Video

<https://www.youtube.com/watch?v=JCg3cJutk80>



Large scale Community

North Hollywood Subway and BRT Terminus Station Future Joint Development

- Up to 1,625 dwelling units – market and affordable
- Up to 150,000 sf of retail
- Up to 400,000 sf office
- Up to 1,000 transit parking spaces

1. Metro Parking, Bus and Subway Station Entrance Facilities
 2. Metro-owned parcel
 3. Metro Orange Line Terminus Station
 4. Metro-owned parcel

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Large scale Community

Hollywood/Vine Station Joint Development – Dec 2009

- 375 Residential Units
- 20% Affordable
- 305-Room W Hotel

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Greater Toronto Transit Oriented Communities

Aerial Rendering Looking West – SmartCentres, SmartUrban, Claude Cormier + Associates and Diamond Schmitt Architects

Photo courtesy of Toronto Transit Commission

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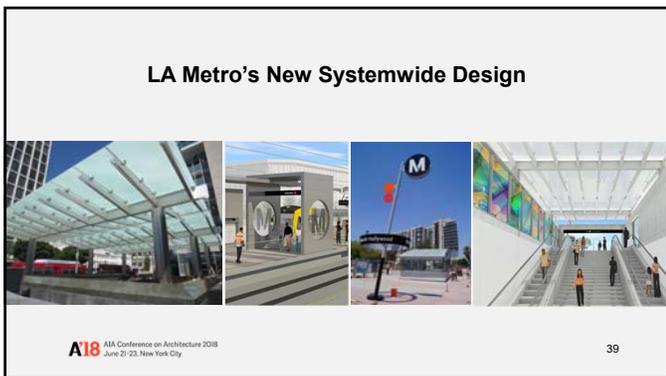












LA Metro's New Systemwide Design Principles

Safe

Open lines of sight for passengers and customers

Smart

Contemporary design that is easy to identify, access and navigate

Clean

High Performance Materials

Spacious plazas and platforms with integrated signage, art and equipment

Green

Access to light

Sustainable building materials and landscaping

LA Metro's New Systemwide Design Goals

- A consistent architectural language for all future stations
- Flexibility to respond to the urban context of each station site
- Accommodate First/Last Mile connections
- Plazas provide opportunities for connections to adjacent development (existing, planned, future JD opportunities)
- Variability through art and landscaping to visually connect to surrounding community

Designs that Reflect Los Angeles

- Light, air, openness
- Exposure to warm, sunny climate
- Focus on health, well-being and optimism













