

LBR LBO Infrastructure Summit 2016 – "Realizing The Transformative Power of The Western Region Development: Opportunities and Challenges"



INTEGRATED MOBILITY





CUSTOMER ?????????







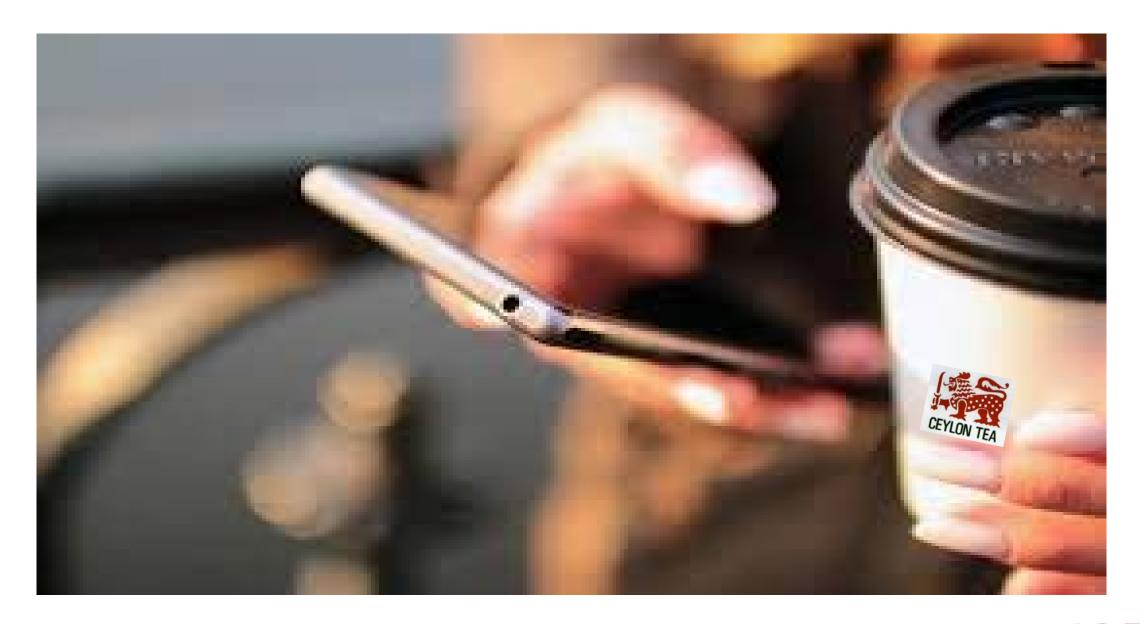




COMMAND & CONTROL CENTER









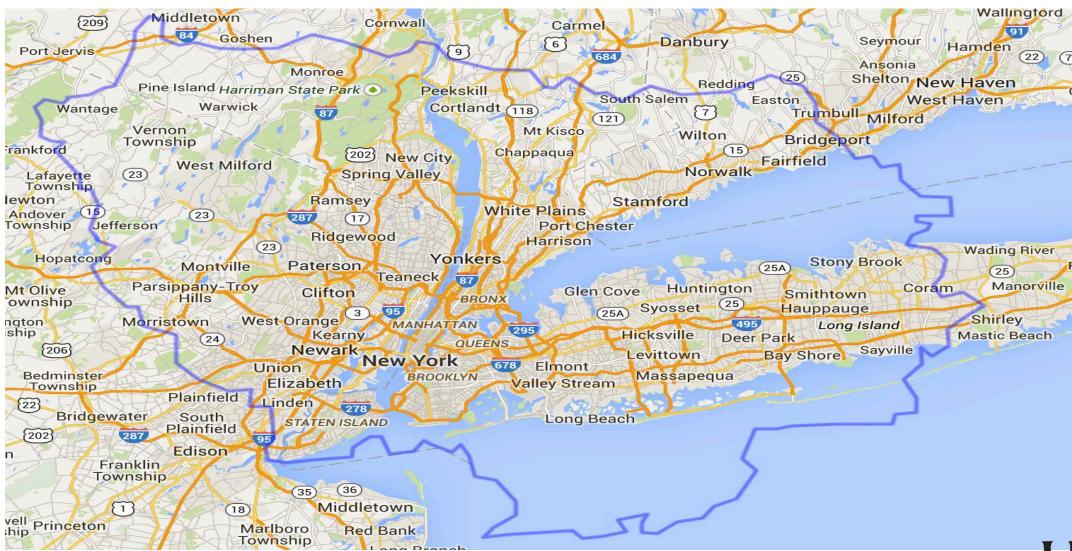


REAL-TIME INFORMATION OF EVERYTHING

- Includes:
- Travel times
- Crowdedness in buses / trains
- Arrival times of buses, trains, and taxis
- Queue lengths at junctions and stations
- Parking availability
- Achieved by embedded sensors, satellite trackers, HD cameras, and crowd sourcing

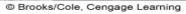


NEW YORK REGION



CENTRAL PARK







NEW YORK CITY SUBWAY







NYC TRANSIT AT A GLANCE

Subway Cars 6,300

Buses 5,710

Subway Stations 468

Annual Subway – Bus Ridership 2.5 Billion

Subway (1.7 B)

Bus (.7 B)

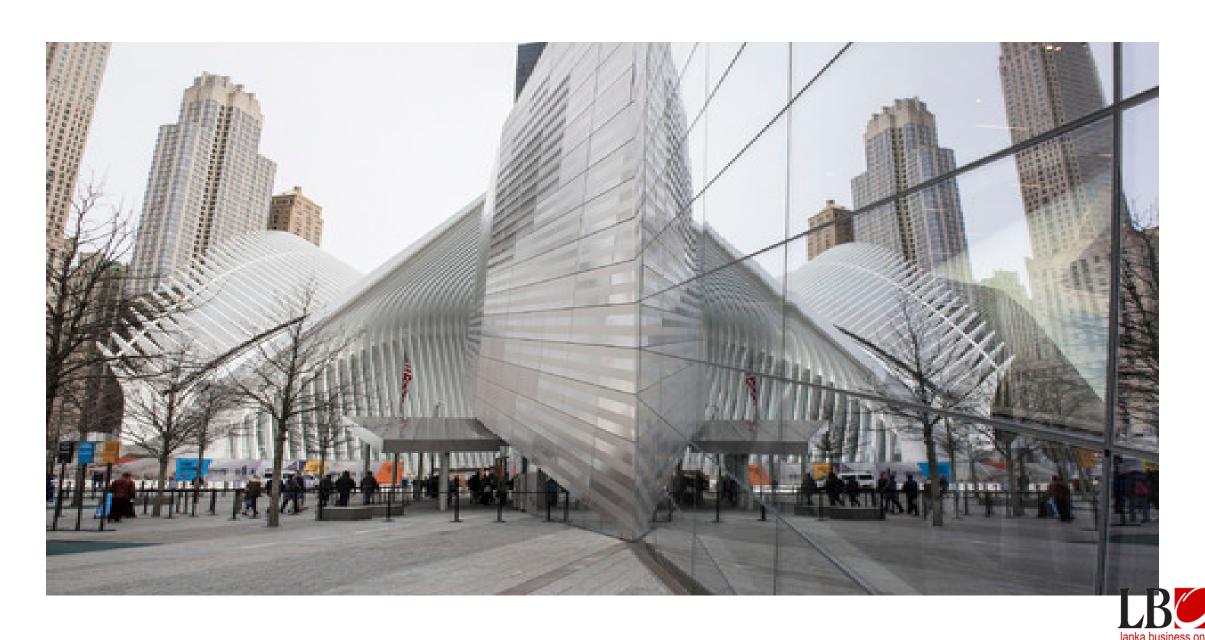
Riders/Weekday 7.7 Million

Track Miles - total 814 Miles

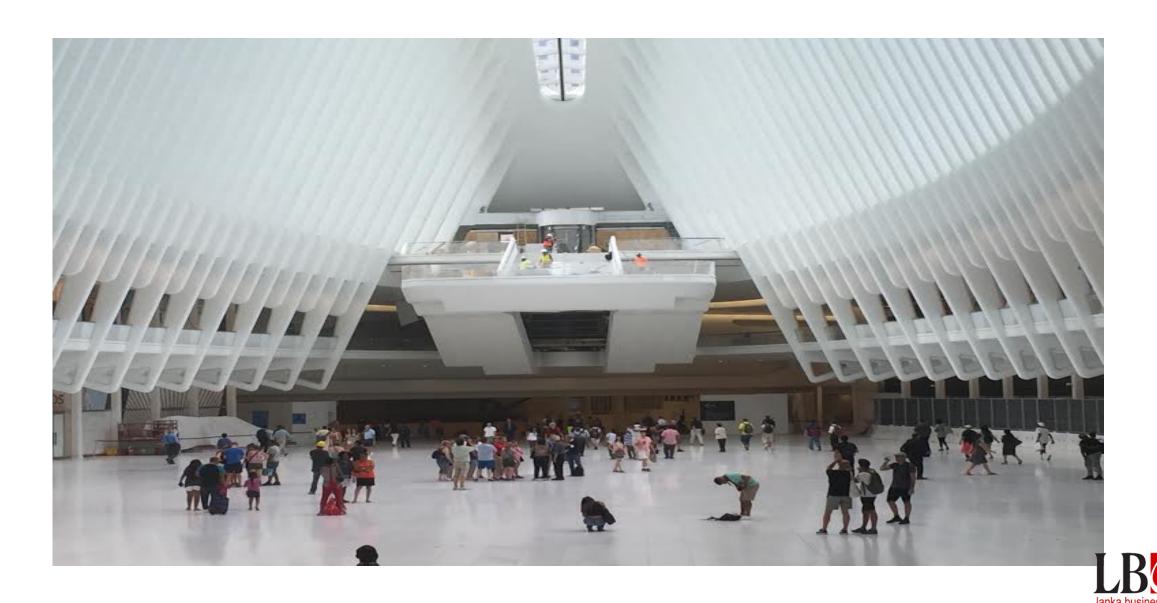
Track Miles --mainline 650 Miles



PATH TERMINAL WTC



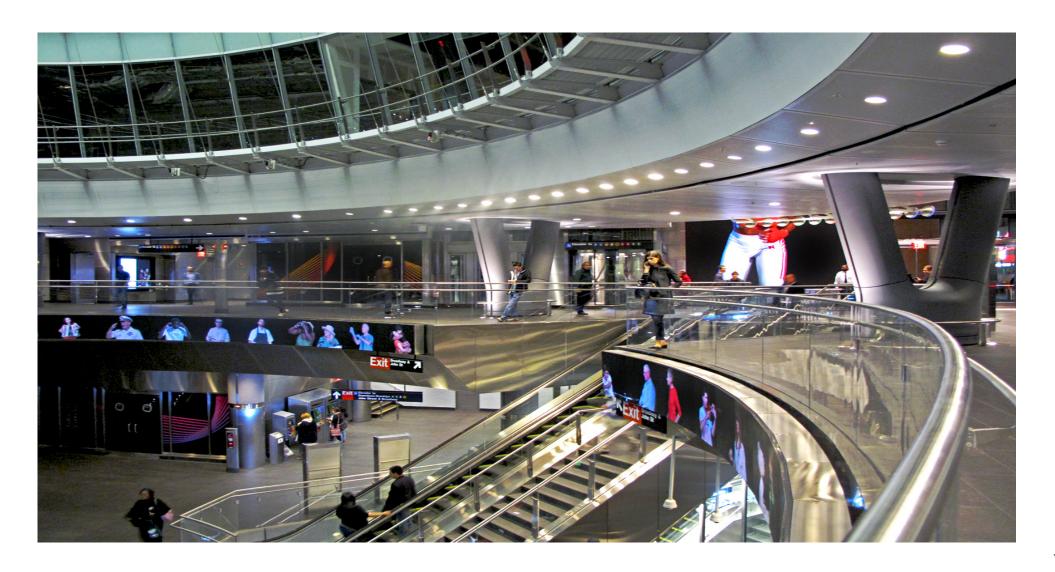
PATH TERMINAL WTC







FULTON CENTER

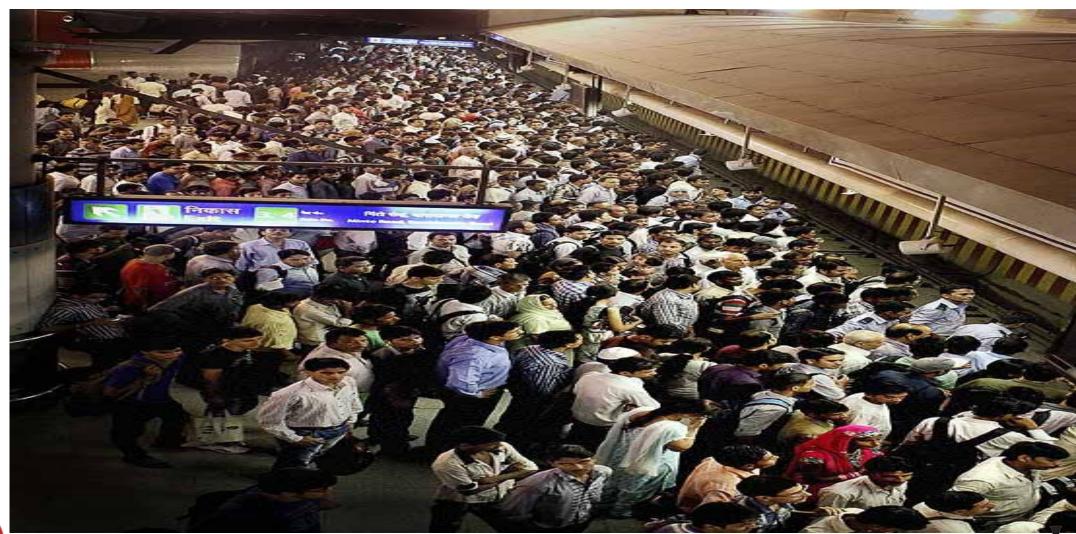






DELHI METRO MAP New Bus Adda 🥯 Phase-I, II & III Arthala @ Mohan Nagar Samaypur Badli City Park Shyam Park Rohini Sec-18 Bahadurgarh Bus Stand Rajendra Nagar Mukundpur Depot Modern Industrial Estate Badli Mor Shiv Vihar Jahangirpuri Tikri Border Raj Bagh John Enclave Adarsh Nagar 😞 Tikri Kalan Shahid Gokulpuri Nagar 🥌 Dilshad Garden Rithala Azadpur Rohini(W) Ghevra Metro Station Maujpur Rohini(E) Shalimar Shilmil Bagh @ Mundka Industrial Pitampura Jaffrabad Area Kohat Enclave Keshav Puram Welcome **NSP** Vidhan Sabha Kanhaiya Nagar East Azad Nagar Shakur Pur Civil Lines Inderlok Shastri Nagar Krishna Pratap Nagar Tis Shastri Park Punjabi Nagar = Madipur Bagh Hazari Ashmere Gate Anand Vihar Ashok Park Shivaji Park Karkarduma Court ISBT Punajbi Bhag West Religion Hospital ESI dipur Hagar Place Chawri Chandni Red Fort Karkarduma Satguru Ram Singh Marg Noida IP Extn. Chowk Electronic City Jama Masjid 😤 Preet Vihar Vinod Ngr. 39 Noida Delhi Gate Vinod Ngr. Nirman Sec-62 Ashram Vihar Mayapuri 👄 Delhi Barakhamba Trilokpuri 5 Laxmi Noida 🔀 Naraina 🧽 Nagar Dabri More Rajiv Chowk Sec-59 Mayur Vihar Shivaji Patel Chowk Akshardham Vihar Pkt. -1 Stadium Mayur Vibar -1 Dwarka Sector 14 Delhi Cantt. Najafgarh Janpath Mayur Vihar-1 Ext. Dashrath Puri Noida Central Secretariat Sec-61 South Campus Khan Dwarka Sector 13 Udyog Bhawan Market Dhaula Kuan Nizamuddin Dwarka Sector 12 Sadar Bazar Cantt. Race Course JLN Ashram ___ New Ashok Nagar Moti Bagh 😝 Golf Noida Dwarka Sector 11 Terminal-1 Jor Bagh A Stadium Vinoba Puri Course City Centre **IGI Airport** Shankar Vihar Dwarka Sector 10 Bhikaji-Jangpura C Delhi Aerocity Cama Place Botanical Dwarka Sector 9 Vasant Vihar Lajpat Nagar Sarojini 💎 Munirka Garden Noida Dwarka Sector Moolchand South Sec-51 Sec-34 Indira Gandhi AIIMS Extn. Kailash Sec-50 Okhla Bird Dwarka Sector 21 Green International Airport Colony Sanctuary Sec-78 Park Nehru Place Sec-81 Hauz Khas For tourist places alight at these Stations Kalindi Dadri Road Kalkaji Malviya Nagar Chandni Chowk Akshardham Govindpuri Kunj Mandir Sec-83 @ Harkesh Nagar Okhla New Delhi Jor Bagh Sec-137 5 Saket Sec-142 Jasola Shivaji Stadium Jangpura Sec-143 Qutab Minar Sarita Vihar Central Secretariat 🛟 Qutub Minar Sec-144 5 Mohan Estate Khan Market Saket Chhatarpur Sec-147 S Tughlakabad Sec-153 @ Badarpur Border **IFFCO** Sultanpur Sec-149 Chowk Sarai KP 2 Huda City @ NHPC Chowk Centre KP 1 Mewala Pari Chowk Maharajpur Sector 28 Alpha 1 LEGEND Operational Network Under Construction **Badkal Mor** Line-1 (Dilshad Garden to Rithala) Alpha 2 Faridabad Old Line-2 (Huda City Centre to Jahangirpuri) Delta 1 @ Neelam Chowk Line-3 (Noida City Centre to Dwarka Sector 21) Arjonda Line-4 (Yamuna Bank to Vaishali) Depot Station @ Bata Chowk Line-5 (Inderlok to Mundka) Line-6 (ITO to Badarpur) ------**Escort Mujesar** Airport Express Line Map not to Scale ____ NCB (Good Year) Metro Phase - III (Under Construction)) Copyright @ 2016 www.mapsofindia.com Interchange Stations Ballabhgarh (updated on 8th June 2016)

DELHI METRO





DELHI METRO







DELHI METRO













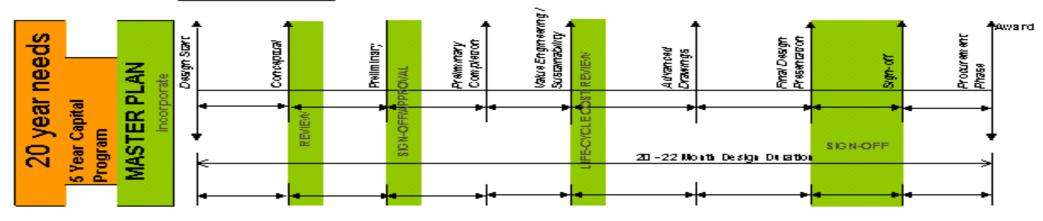
Circa 1970



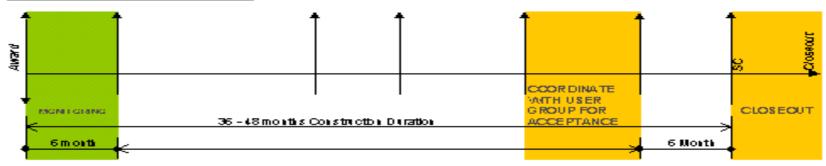
Yesteryear -The way things were



DESIGN PHASE



CONSTRUCTION PHASE

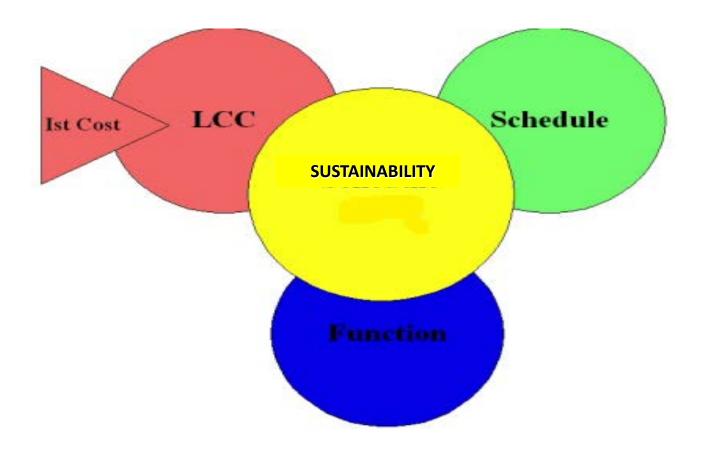


- INTERNAL CONTROLS & SPECIAL PROJECTS SUSTAINABILITY
- INTERNAL CONTROLS & SPECIAL PROJECTS CLOSEOUTS

AREAS OF SUSTAINABILITY DURING A PROJECT'S LIFE



LIFE CYCLE ANALYSIS AND COST











What's Going On Here?

This contract is being brought to you by the Metropolitan Transportation Authority

The name of this contract is: 72nd Street Station Cavern Mining, Tunnels, and Heavy Civil Structures

The contract ID is: C-26007

New York City has a variety of projects, both public and private, which when completed will improve the quality of life for all New Yorkers. Whether it's new building construction, road repairs or park improvements, each effort will make New York a better place to work, live and visit.

Here on Second Avenue a new State of the Art Subway line is being built that will serve the East side of Manhattan and relieve congestion on the Lexington Avenue Line. This is one of several contracts that is part of the Second Avenue Subway Project. The Second Avenue Subway Project is scheduled to be completed in 2016.

Work on this contract is scheduled to be completed by October 31, 2013

Thank you for you atience.

For more information on this project, visit

http://www.mta.info/capconstr/sas

And/or call (212) 792-9716

If you see an unsafe condition at this site, please dial 311







