Designing and Planning for Micro-Infrastructure
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What Is Micro-infrastructure?
- Attached and Wired
- Attached
- Moveable
- Utility
- Information
- Furniture
Design and Regulatory Criteria
Design to Solve Conflicts Due to Space Constraints

Source: Arup
Design Based on Existing Geometries and Cross Sections

Source: Flickr User NYCDOT
Design Based on Existing Geometries and Cross Sections

Source: Flickr User NYCDOT
Design for Pedestrian Flows and Volumes

Source: Arup
Design for Safety

Source: Arup
Management and operations responsibilities
Management and Operations Responsibilities
Creating Efficient City Operations
Introduction of New Curbside Uses – EV Charging Stations

Source: Flickr User Simon Gibson
- Funding strategies,
  financial responsibilities,
  profit
Branding and Sponsorship Opportunities

Source: Arup
Digital Connectivity
Digital Connectivity

Source: Flickr User Nao Okawa
Traffic Management Centers Rely on Real-Time Data

Source: Flickr User NYCDOT
Future
Designing for the Future: Incorporating Smart Cities Technology

Source: Arup
Designing for the Future: Accommodating More People and Avoiding Clutter

Source: Arup
Designing for the Future: Interfacing with Infrastructure Networks

Source: Flickr User NYC Environmental Protection
Thank You