



Intelligent Transportation Systems Society of Canada
Société des systèmes de transport intelligents du Canada



Paul Hicks, Re: PUBLIC urbanism



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Resilient, Flexible (and Intelligent) City Building

Re: PUBLIC
urbanism

ITS • STI



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- 1. What does resilient and flexible urban form look like?**

- 2. Why is it important to intelligent transportation professionals?**



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Resilience:

Is the ability of city to deal with both chronic stresses as well as acute shocks

Urban form that:

- Improves environmental conditions and public health
- Addresses and doesn't exacerbate existing problems
- Integrates both physical and social security into its design



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Black Creek Flood Control Channel, Toronto - Credit: Flickr



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Enghaveparken Park, Copenhagen - Credit: Cowi, Tredje Natur and Platant



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Location Unknown- Credit: Smart Growth America



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Bruce Highway, Gin Gin, Queensland - Credit: Bundaberg Regional Authority



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Gardiner Expressway, Toronto - Credit: City of Toronto



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The Bentway Park, Toronto - Credit: City of Toronto



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Flexibility:

Is the ability of a city to adapt to changing circumstances and technology

Urban form that is:

- Mixed use as opposed to single-function
- Supports multimodal transportation
- Develops adaptable spaces / buildings over designated-use space / buildings



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Northland Mall, Detroit (1961) - Credit: The Detroit News



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Projet Royalmount, Mount Royal - Credit: Carbonleo



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Hurdman Transit Station, Ottawa – Credit: Ottawa Citizen



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Raleigh-Durham Triangle Transit - Credit: GO Triangle Transi



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Autoroute Bonaventure, Montréal – Credit: Ville de Montréal



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So What Do Resilient & Flexible Parking Solutions Look Like?



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**Sustainable, beautiful,
adaptable, multifunctional ...**



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Eastern Long Island Solar Project, Long Island – Credit: Blue Oak Energy



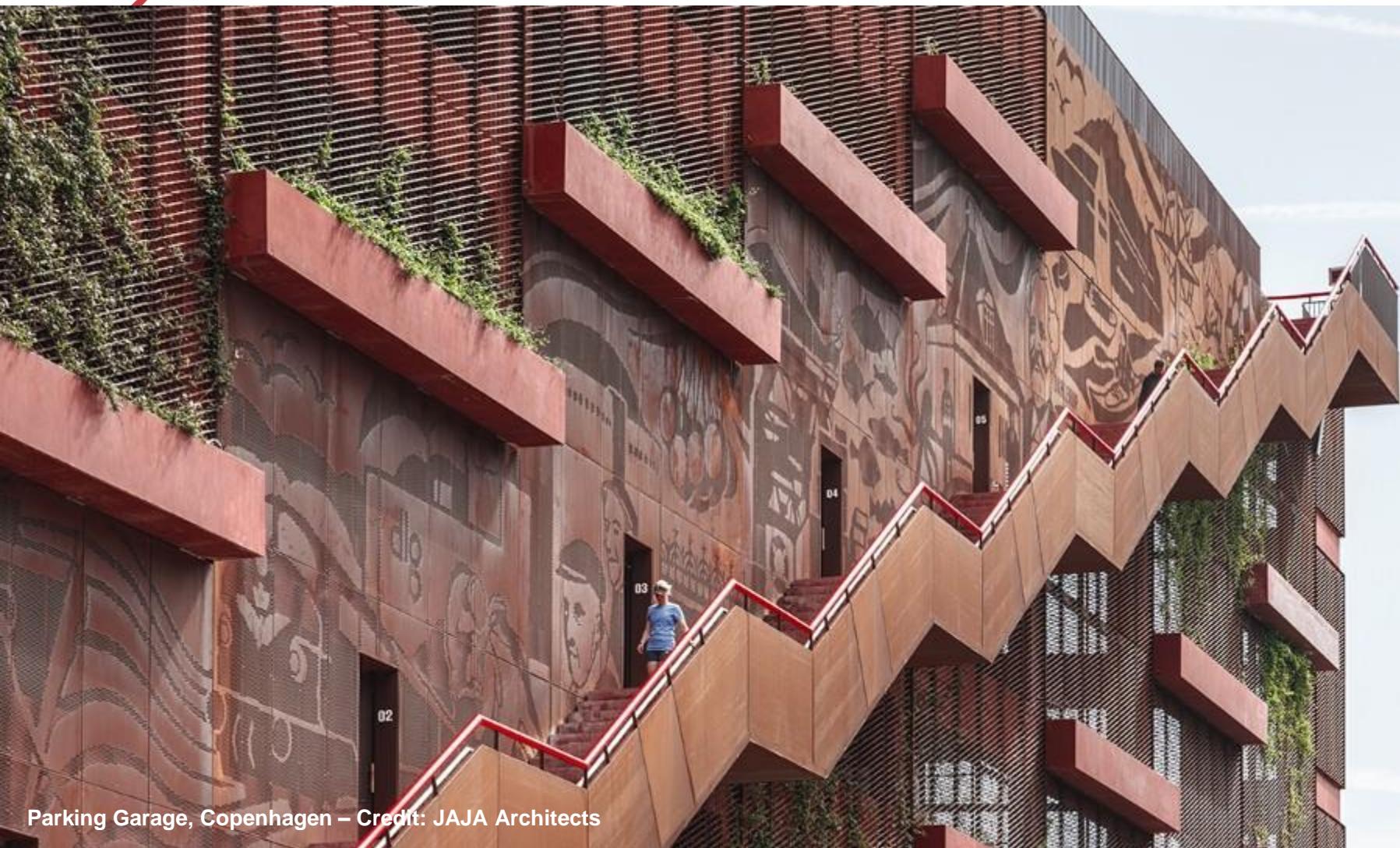
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Location Unknown – Credit: LID Permeable Paving



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Parking Garage, Copenhagen – Credit: JAJA Architects



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Modular Parking Garage, Maidenhead – Credit: Brome Parking Ltd.



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**A Final Thought: Remember, we
are city builders**