

2018 PeopleForBikes Tape Measure Tour NETHERLANDS

Greg Dotson, P.E.
TSITE Summer
Meeting
7/27/2018



Program Tour Background

Part of Big Jump Project

- ▶ Built from momentum of Green Lane Project (2011-2016)
- ▶ Grant-funded project for 10 cities to radically reimagine their bicycling infrastructure
- ▶ Cities: Memphis, Austin, Baltimore, Fort Collins, Los Angeles, NOLA, NYC, Portland, Providence, Tucson

Program Tour Overview

City Builders Symposium

- ▶ Hosted by PeopleForBikes since 2009
- ▶ Focuses on policy and concept development for communities
- ▶ Attended by Elected Officials, Executive Agency Staff, Community and Business Leaders, and Local Funders

Tape Measure Tour

- ▶ Inaugural event co-hosted with Portland State University's Initiative for Bicycle and Pedestrian Innovation (IBPI)
- ▶ Engineering and planning of bikeway design and transportation innovation
- ▶ Transportation Engineers and Urban Planners

Our Group



A Movement for Change



A Movement for Change



A Movement for Change



A Movement for Change





UTRECHT



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Advisory Bike Lanes:

- ▶ Widely used in Europe
- ▶ Also present in Minneapolis, Hanover, Portland & Burlington

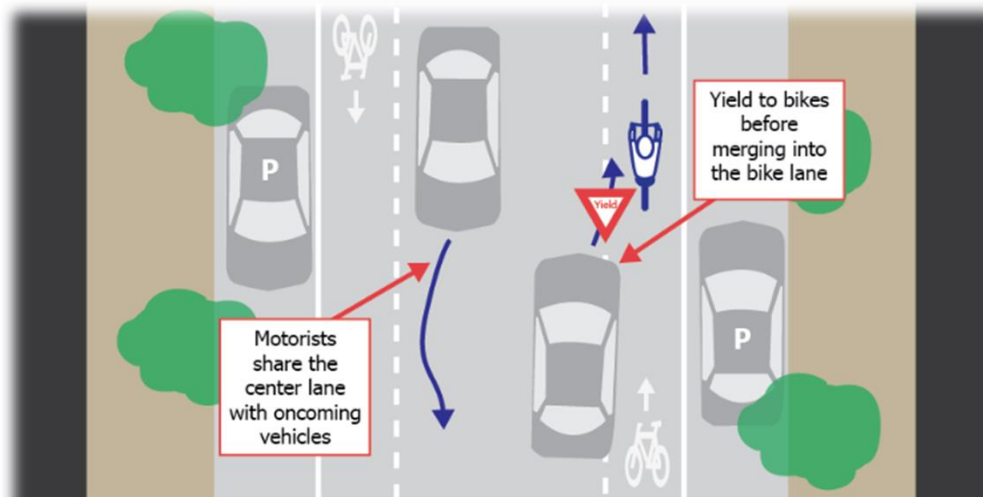


image credit: <http://bloomington.in.gov>

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Communicating from the pavement upward...



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Rails to Trails...Alive and Well!



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What do the Dutch do when a school is in the path of a bike/ped path?



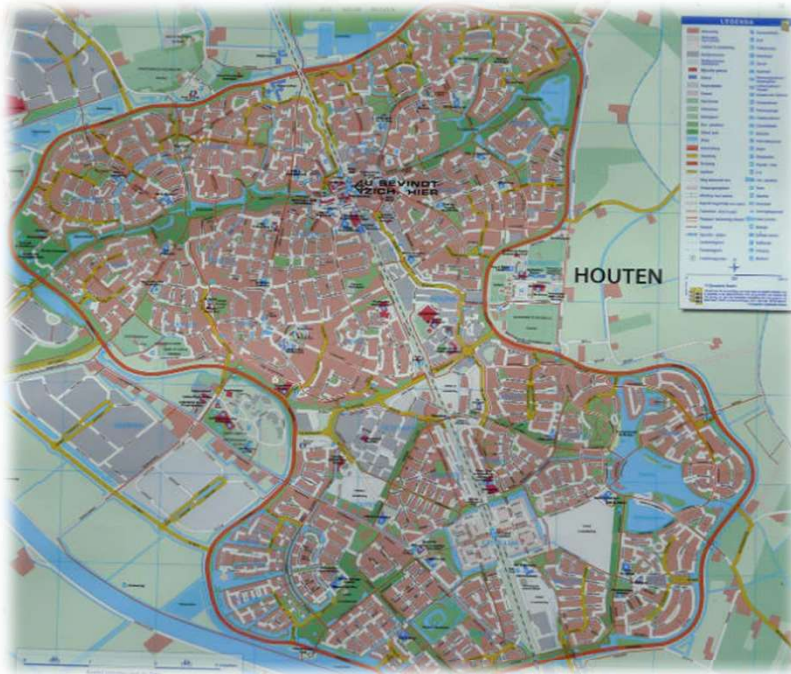
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They buy the property they need and build the bike/ped path on top of the school!



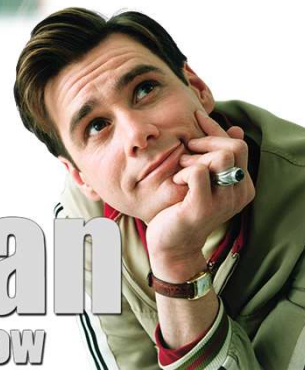
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The city that is a mix between the...



The
TWILIGHT
ZONE

The
Truman
Show



HOUTEN

The city center looks like this!



A road near the ring road...

- Short tangent sections to reduce speed
- More convenient to use bike when traveling across town



HOUTEN

A picture of the ring road

- 70 kmh
- No bikes allowed



HOUTEN



HOUTEN



HOUTEN



HOUTEN



DELFT

Bike parking is a huge problem!



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A roundabout design on steroids!



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Aerial view of roundabout on steroids!



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A complex intersection indeed!



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One country's innovation is another country's fading past.



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One country's innovation is another country's fading past.



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A different approach to controlled access!



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Another example of communicating from the pavement upward...



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Can you say multimodal?



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...and again?



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Biking for all ages and purposes...



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Biking for all ages and purposes...



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Amsterdam, we have a problem!

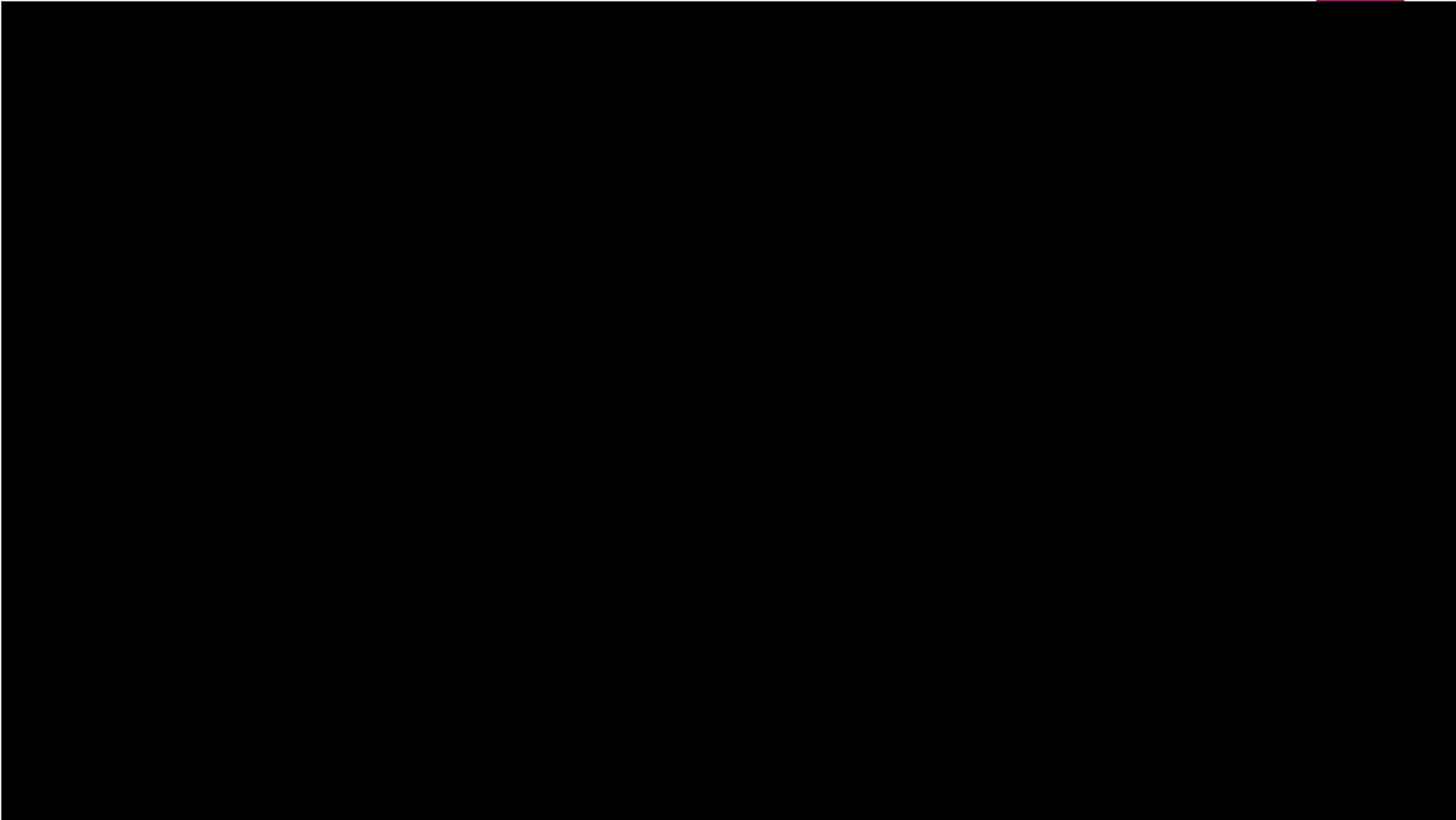


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Key Takeaways





Takeaways

Network Principles

- ▶ Continuity: No Dead-End Connections
- ▶ Intuitive: Homogenous & Recognizable
- ▶ Direct: Path of Travel Minimizes Detours
- ▶ Priority: Separation Necessary & Deliberate
- ▶ Attractive: Appealing for All Ages & Abilities
- ▶ Forgiveness: Humans are Vulnerable & Make Mistakes

Mode Shift Principles

- ▶ Calm Arterial Roadways
- ▶ Take Space from Cars
- ▶ Make it Harder to Drive
- ▶ Create Connections to Transit
- ▶ Expand Bike Share Access

Takeaways

- ▶ Evaluate by network, not project
- ▶ Transport studies indicated the high wait times were not perceived in attractive facilities
- ▶ Important to set time limits on deliveries
- ▶ Develop a phased plan with acceptable changes for each project
- ▶ Focus on positive phrases to sell new concepts

Takeaways

Sustainable Safety Key Concepts

- ▶ Avoid Conflict in Direction
- ▶ Avoid Conflict in Congestion
- ▶ Avoid Conflict in Speed



Questions?

Greg Dotson, P.E.

Vice-President/Engineer Manager

Neel-Schaffer, Inc.

greg.dotson@neel-schaffer.com

901-355-1256