Robert Moses, meet Richard Simmons: How the Planning and Engineering Community are Collaborating with Public Health to Build Cities for Biking and Walking

James Wagner, AICP and Joani Dotson, MPH
Let's talk about...

- How public health is aligning with transportation
- Complete Streets approach
  - Why public health benefits from it
- Advocacy, Audience and Perspective
- Visualization resources
Environment = Health

4 Ps of Public Health
- Prevention, Promotion, Preparedness, Protection
- Let’s break down the stereotypes...
- Screenings, education, policy - great strategies

What if we changed the ENVIRONMENT?

Public health involved in discussions where never before
Learning a new language
The Learning Process

HEALTH CARE

Public Health
- Data
- Advocacy
- Prevention
- Primary

Health Policy at the Local Level
- Engineers
  - Equitable
  - Equity
  - Planning
  - Planning
- Planners
  - Knowledge
  - Knowledge
- Community
  - Innovative
  - Communities

Mission to Support the Built Environment
- Encourage healthier people
- Educate citizens and decision-makers
- Strengthen the community
- Create safer environments

Prezi
HEALTH CARE
Health Policy at the Local Level

Mission to Support the Built Environment!

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Public Health
- Data
- Advocacy
- Prevention
- PURPOSE!

Planners
- Process
- Knowledge
- Experience
- Resources

Engineers
- Experts
- Tools
- Trusted
- Safety

Community
- Advocates
- Interested
- Coaches/Couchable
- Storytellers
Public Health
Data
Advocacy
Prevention
PURPOSE!
Planners

Process
Knowledge
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Mission to Support the Built Environment!
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HELLO MAYOR? GOOD NEWS!! I HAVE FOUND A WAY TO REDUCE THE TRAFFIC ON OUR STREETS! I HAVE MADE SOME FOUR LANE ROADS INTO TWO LANES...WITH A LANE FOR BIKES ON EACH SIDE!! AND HELLO... HELLO....
Tulsa County Wellness Partnership

Schools
Workplace
Community & Neighborhoods

- Complete Streets Policy
- Food Policy (local & healthy)
What the PH Community Needs from Tr

- How the system works
- When to act
- Framing the discussion
What the Community Needs from PH

- Health Impact Assessments
- Opening the door for conversations w/ leaders
- A new perspective on Transportation
Keys to Success: Working with Public Health to Promote Complete Streets
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Relationship Building

Make sure you know these people:
  • Health Department Director
  • Major Health Coalition Leaders
  • Wellness Partnership Leaders
  • Major Medical Center Key Staff
  • Environmental Health Professionals
Help PH understand technical lingo

- Average Annual Daily Traffic
- Right-of-way
- Stormwater drainage
- AASHTO design standards (green book)
- Bike lane options (bike boulevards, bike lanes, cycle tracks)
Help PH understand the process in capital project referenda

- Serve as a technical resource for organizing advocacy efforts
- Help them know who they need to meet with
Show the value of Complete Streets in health & economic terms

- Focus on how complete streets helps families and the elderly
- Engage the business & healthcare sectors
- Health Impact Assessment
- Emphasize that it’s not just for spandex-wearing cyclists
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Good policy means context sensitive design

For the first project, choose a clear winner
  • No bike lanes to nowhere
  • Don’t mess with on-street parking (yet)
  • No state highways
  • Quality public involvement
Visual Aides

Existing
4 10' lanes

New striping
6' bike lane
2-10' travel lanes
6' bike lanes
8' on-street parking
Rightsizing Streets Guide

See the list of Further Reading on Rightsizing for the leading technical research and reports on rightsizing from trusted organization like ITE, FHWA, and AASHTO.

http://www.pps.org/reference/rightsizing/
Two Views of Transportation Design & Policy

Transportation Design driven by policy & law

Transportation design driven by engineering judgment & planning with public input

One size fits all

Every street is different
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View this presentation at: