

Davidson Design for Life (DD4L): An Initiative to Improve the Health of a Community

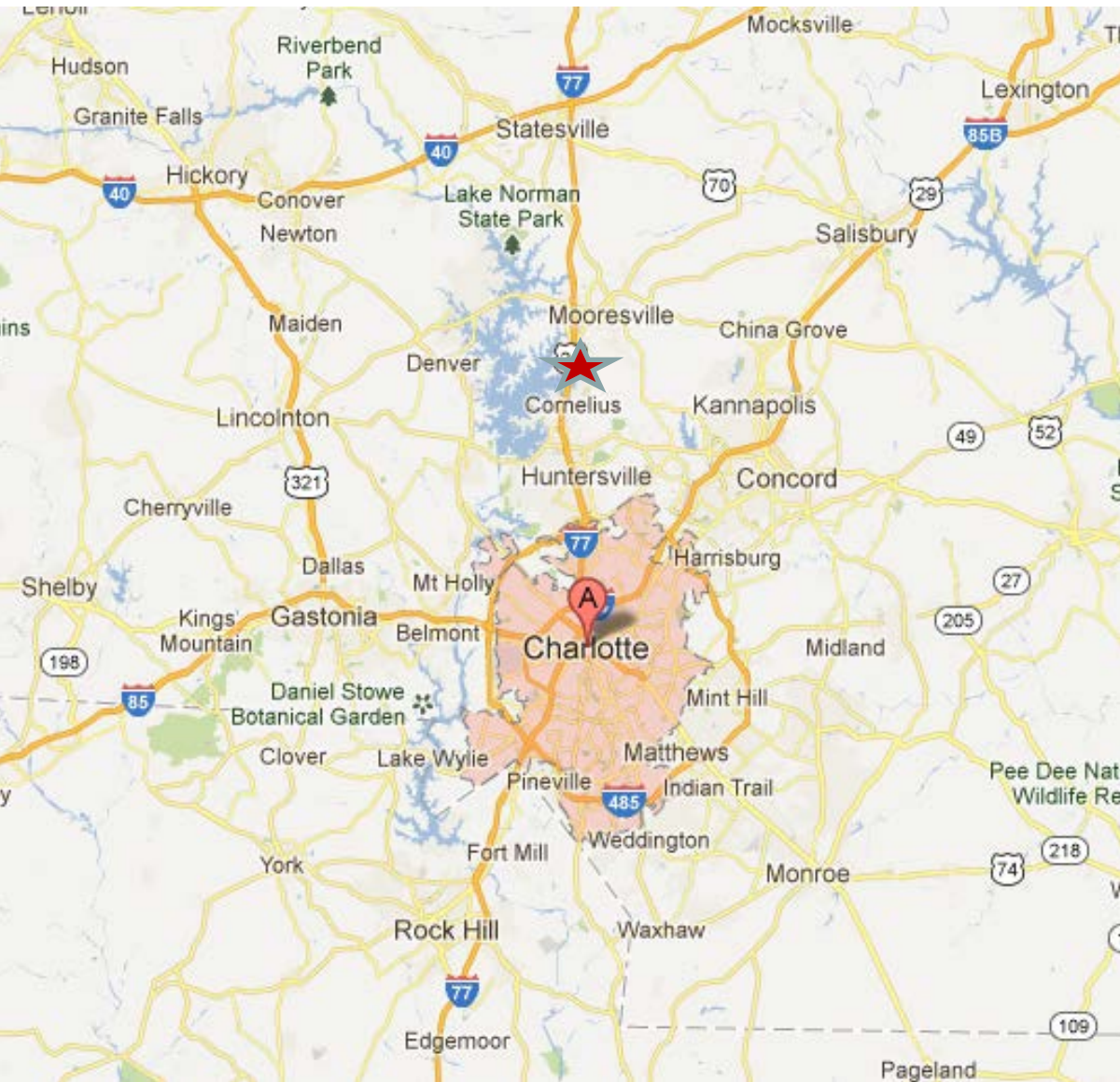
NCAMPO on May 16, 2013

Katherine Hebert, DD4L Coordinator



Davidson Design for Life (DD4L)

About Davidson, NC



Goal of Davidson's Board of Commissioners

- “Enhance the physical, mental, and emotional well-being of our residents.”
- Dimensions of Wellness- physical intellectual, emotional, spiritual, occupational, environmental, social



Davidson Design for Life Committee



Dawn Blobaum



Leslie Willis



Kathryn Spatz



Ben McCrary



Sandy Kragh



Cristina Shaul



Margo Williams

CDC Grant

- 3 HIAs, 2 Trainings, Building HIA Capacity
- 3 Years: September 1, 2011- August 31, 2014
- Roughly \$110,000 Annually
- Other Grantees are Health Departments in: Oregon, Massachusetts, San Francisco, Baltimore, Douglas County



Mission

“To help Davidson be a community that is healthy today and even healthier tomorrow while serving as a model for other small towns by implementing healthy design.”



Goals: Understand HIA

1. Develop a better understanding of the HIA process as it applies to small, rural towns and use HIA to evaluate and inform built environment decisions by the Town of Davidson as well as regional and statewide decision-makers.



Goals: Community Engagement

2. More fully and broadly engage our citizens in the decision making process to make healthier lifestyle options available.



Goals: Collaborate

3. Collaborate with local, regional, and national partners to promote the use and understanding of HIA and healthy community design principles.



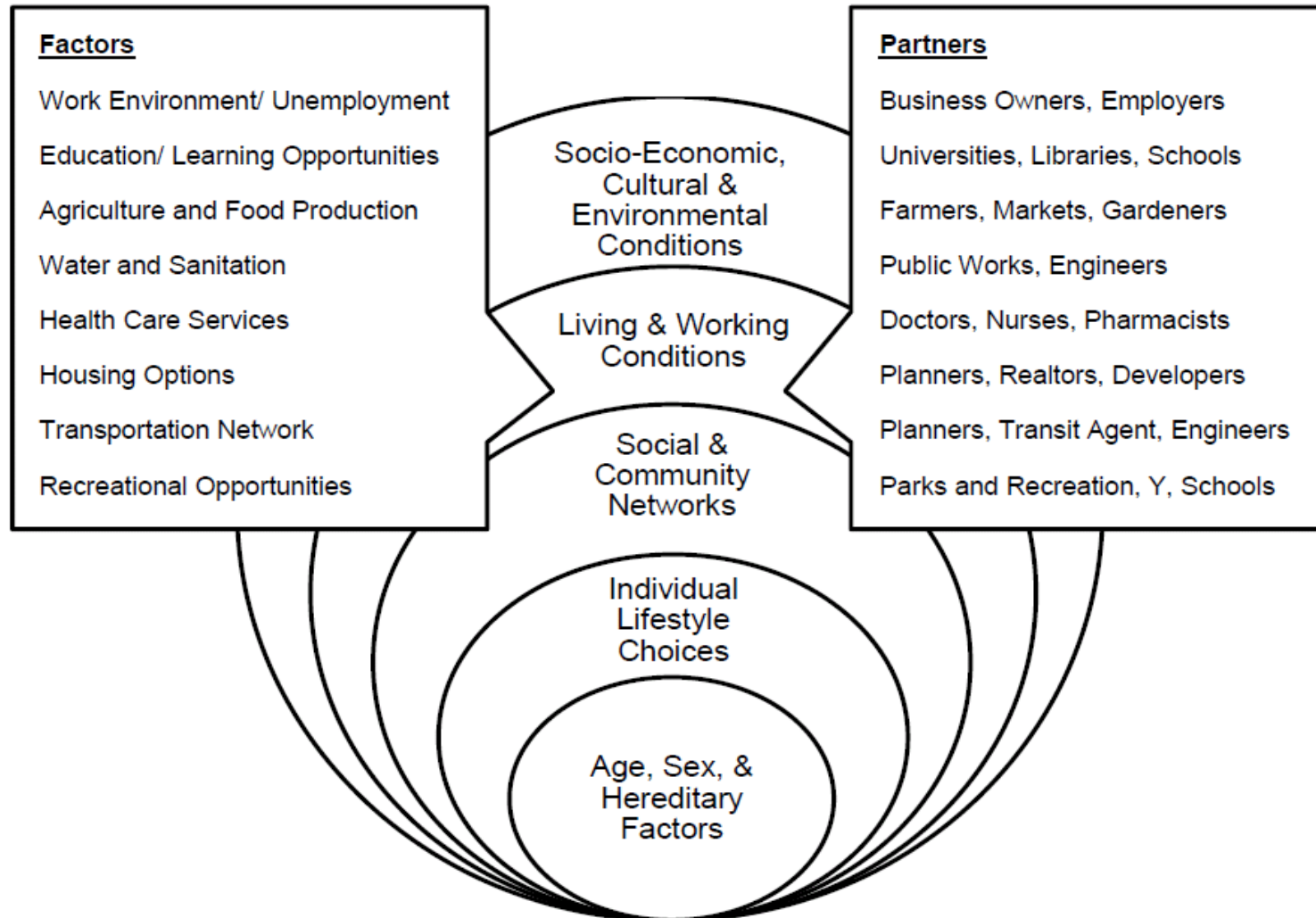
Goals: Model

4. Document and share the steps we take and the partnerships we form in order to serve as a model for communities to follow nation-wide.

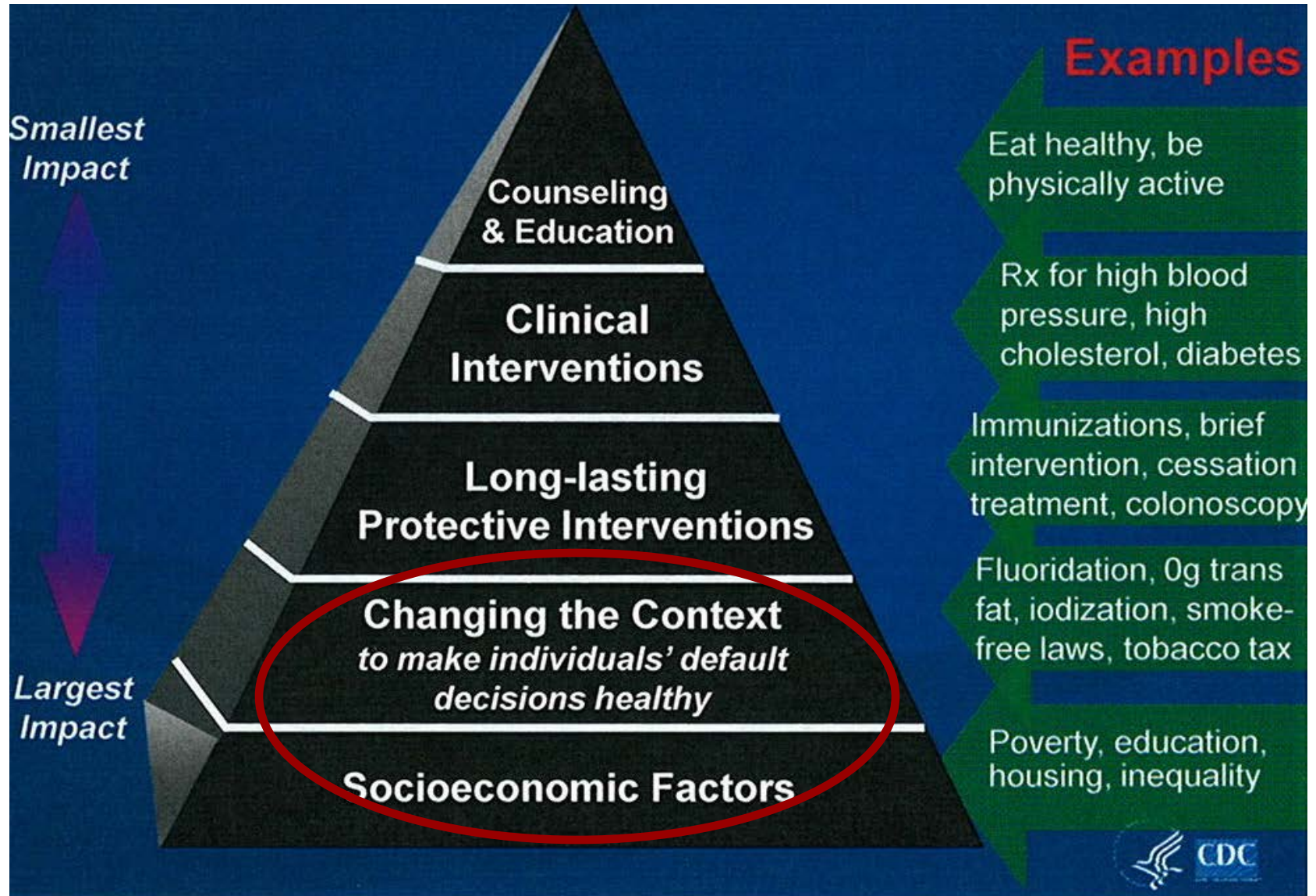


Health, Planning, and HIA

Social Determinants of Health



About HIA



What **Makes** Us Healthy



What We **Spend** On Being Healthy



Definition of HIA

HIA is a systematic process that uses an array of data sources and analytic methods and considers input from stakeholders to determine the potential effects of a proposed policy, plan, program, or project on the health of a population and the distribution of those effects within the population. HIA provides recommendations on monitoring and managing those effects.

National Research Council



Breakdown of Definition

- Systematic process (Six Steps)
- Data sources and analytic methods (Evidence Based)
- Input from stakeholders (Participatory)
- Potential health impacts (Positive & Negative)
- Distribution of those impacts (Health Equity)
- Four Ps (Policy, Program, Plan, Project)
- Provides recommendations (Prospective)

The Health Impact Assessment Process

1. Screening: determines whether a proposal is likely to have health impacts and whether the HIA will provide information useful to the stakeholders and decision-makers.

2. Scoping: establishes the scope of health impacts that will be included in the HIA, the populations affected, the HIA team, sources of data, methods to be used, and alternatives to be considered.

3. Assessment: involves a two-step process that first describes the baseline health status of the affected population and then assesses potential impacts.

4. Recommendations: suggest alternatives that could be implemented to improve health or actions that could be taken to manage the health effects, if any, that are identified.

5. Reporting: documents and presents the findings and recommendations to stakeholders and decision-makers.

6. Monitoring and Evaluation: records the adoption and implementation of HIA recommendations, monitors the changes in health and health determinants, and evaluates the process, impact, and outcomes of an HIA.

MAP VIEW

LIST VIEW

▼ CUSTOMIZE THE MAP BELOW



Google

Map data ©2013 Google, INEGI, MapLink - Terms of Use

<p>CHOOSE A REGION</p>				<p>LEGEND</p> <ul style="list-style-type: none"> ● HIA ● Health Impact Project-Funded HIA ● Multiple HIAs
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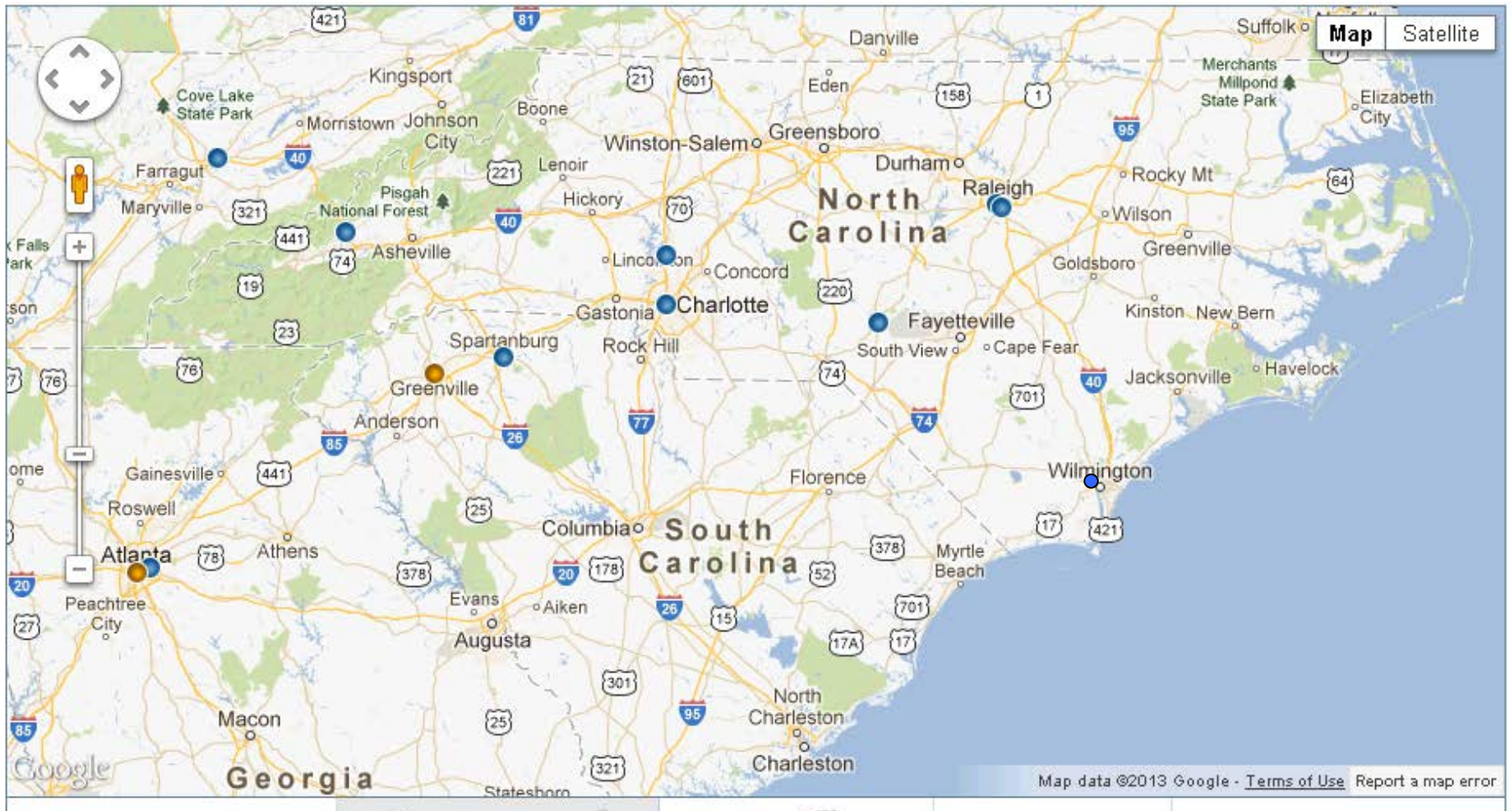
CUSTOMIZE THE MAP Make changes below to find the information that interests you

Search Map Database

MAP VIEW

LIST VIEW

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HIA in Davidson, NC

A Tale of Two HIAs

- Davidson Street Design Standards
- Pedestrian and Active Transportation Plan



Davidson Street Design Standards HIA

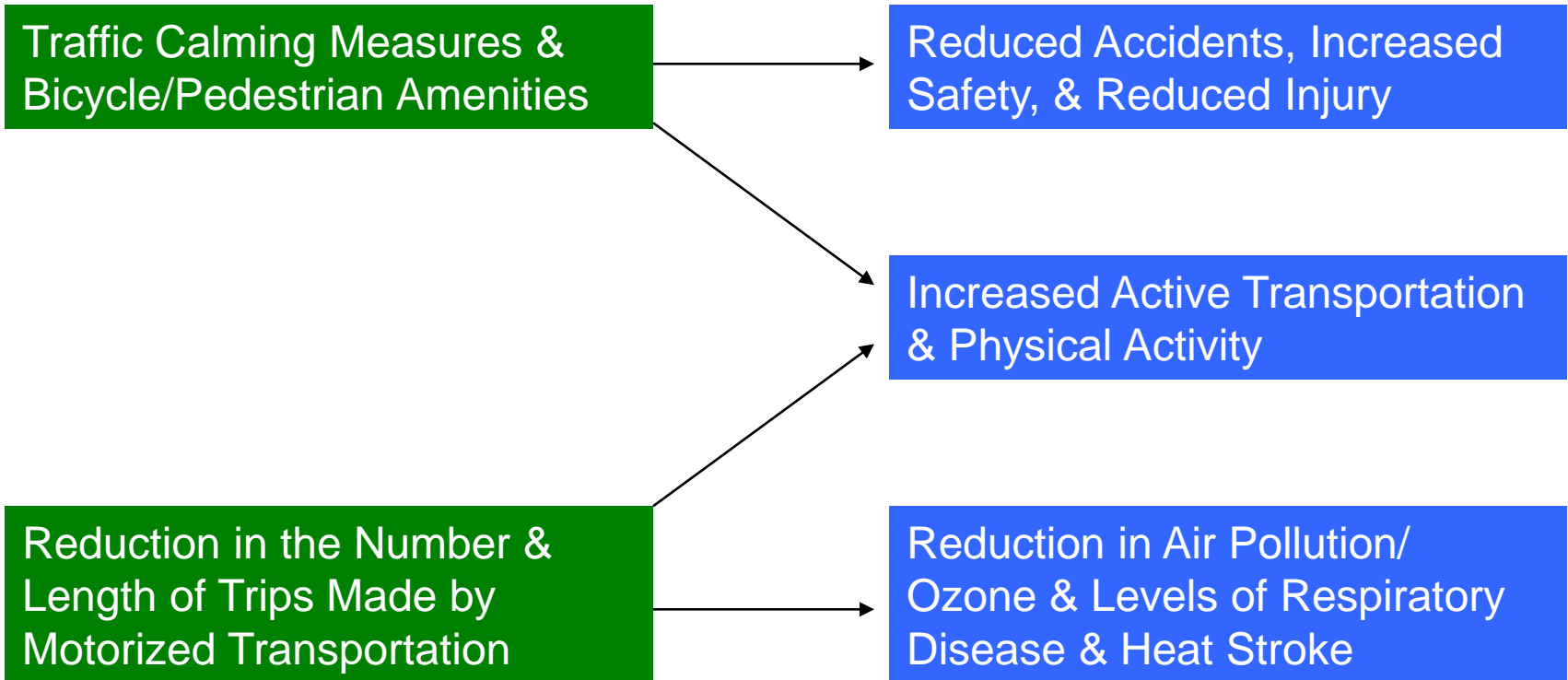
- Re-write of Planning Ordinance
- Consisted of:
 - Baseline Health Profile
 - Analysis of Existing Policy/ Plans
 - Public Meetings/ Presentations to Boards
 - Review of Police Reports
 - Literature Review
 - Surveys
 - Public Education



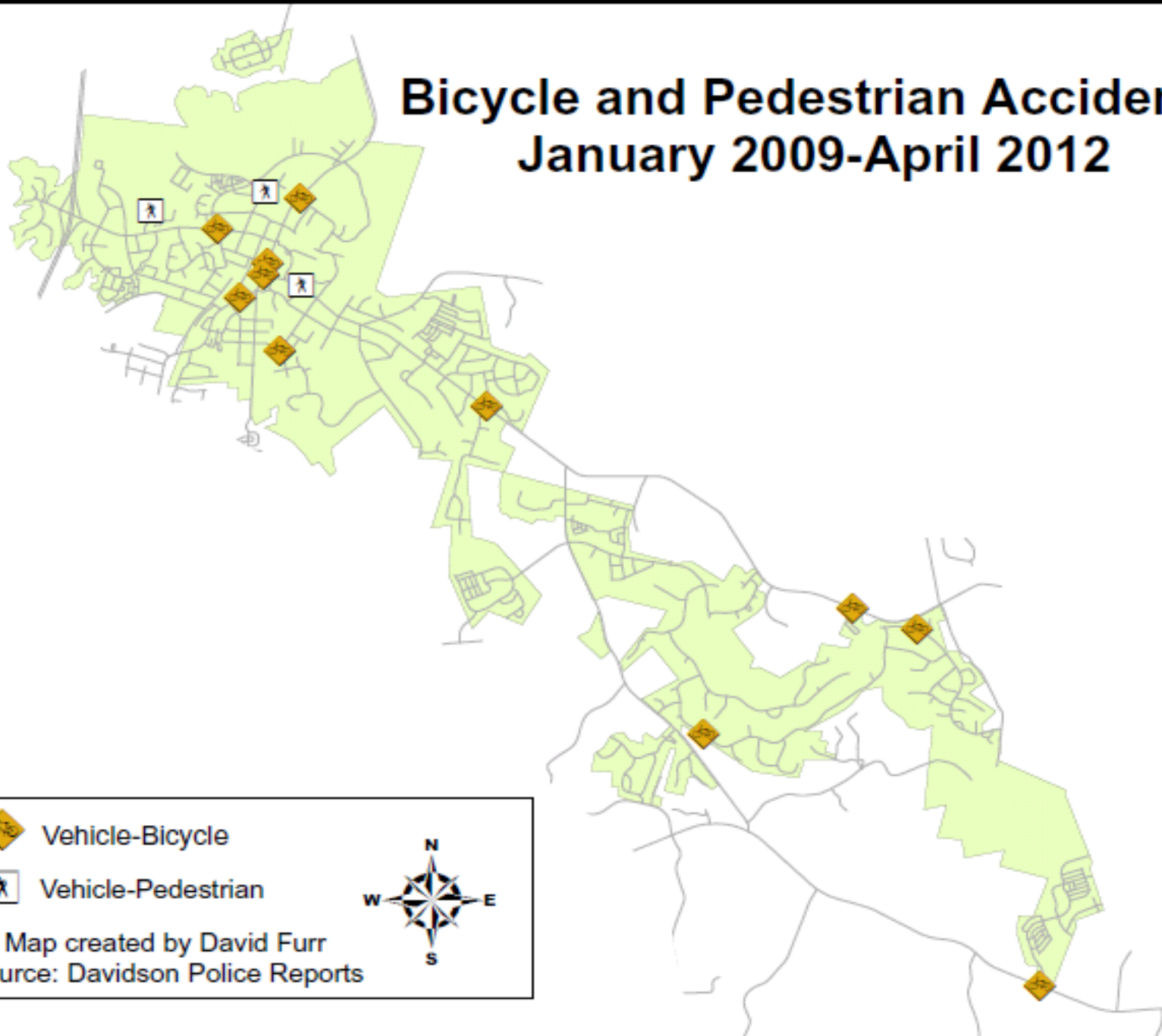
Street Design and Public Health

Street Design

Health Impact



Bicycle and Pedestrian Accidents January 2009-April 2012



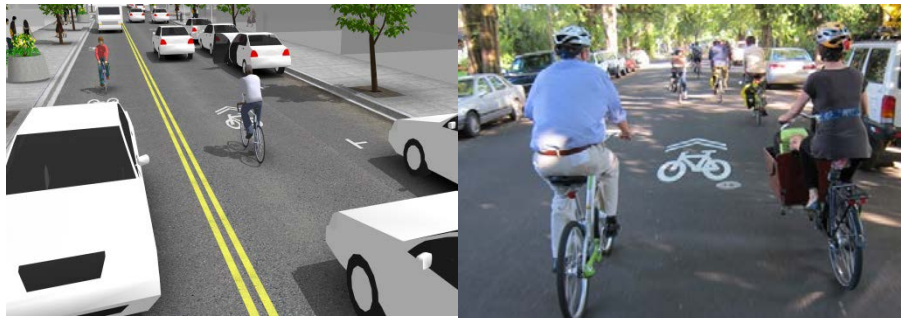
Bicycle Facilities



Colored Pavement



Bike Box



Sharrows

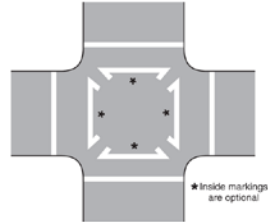


Protected Bike Path

Crosswalk Designs



Figure 3B-20. Example of Crosswalk Markings for an Exclusive Pedestrian Phase that Permits Diagonal Crossing

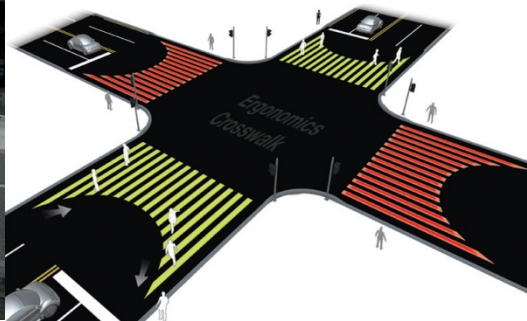


Diagonal Crosswalk



Jagged Lane Markers

Offset Pedestrian Refuge



Ergonomics Crosswalk



Ladder Crosswalk with Stop Line

Intersection Design



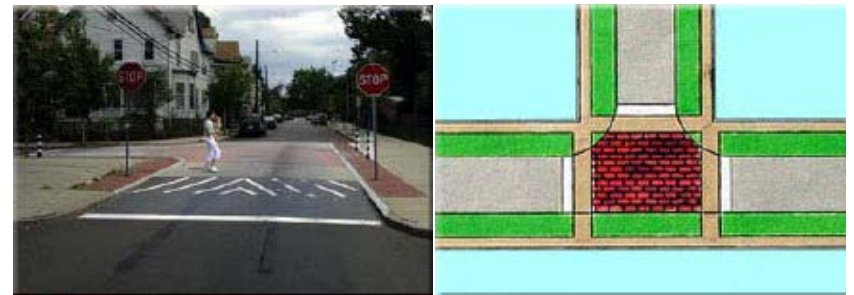
Curb Extension



Refuge Island



Modified Intersection



Raised Intersection

Turning Radii/ On-Street Parking

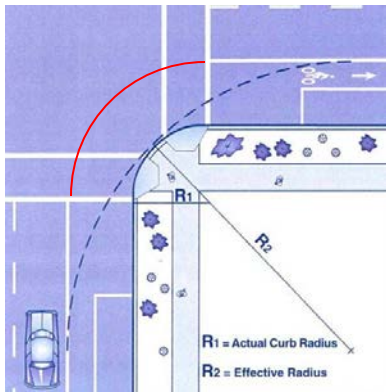
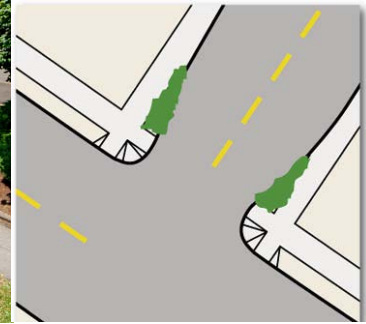
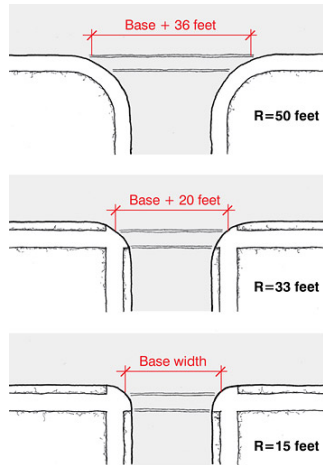
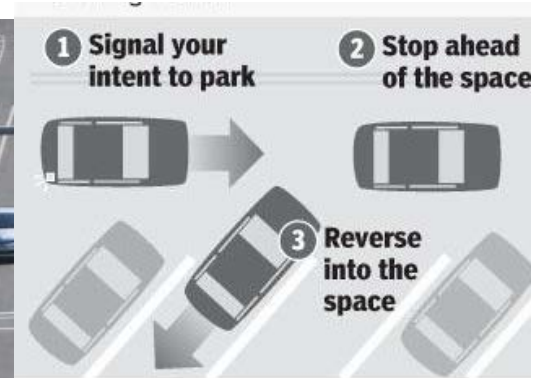
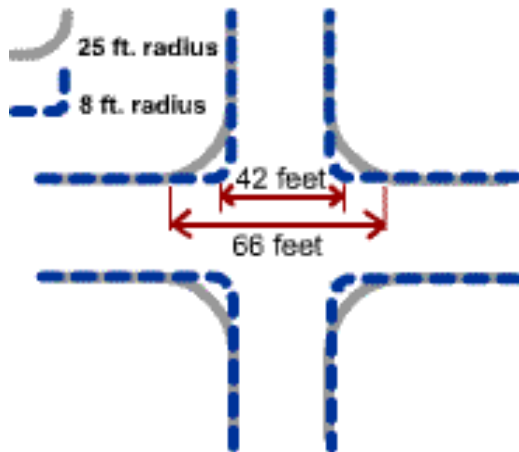


Figure – Illustration of actual curb radius vs. effective curb radius from Oregon Pedestrian and Bicycle Design Guide.



Bulbout



Reverse Parking

Pedestrian and Active Transportation Plan HIA

- Grant from DOT/MUMPO for Plan
- Alta Planning Hired
- June 2013
- Combining:
 - Findings from Street Design Standards HIA
 - Health Equity Analysis
 - Physical Activity Estimates



Southeast Regional HIA Summit

SAVE THE DATE: JULY 31-AUGUST 2, 2013!



**SOUTHEAST
REGIONAL**

HIA SUMMIT

DAVIDSON, NC  2013

WHAT: The Inaugural Southeast Regional HIA Summit

WHERE: Davidson, NC

WHY: A Meeting of the Minds to Discuss the HIA Field in the Southeast USA

HOW: Online Summit Registration Coming Soon!

*Davidson Design
for Life*



WWW.HEALTHIMPACTNC.ORG/SUMMIT

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