

Smart Growth and Urban Forestry:

Part II – City Planning

ACT Webcast Series

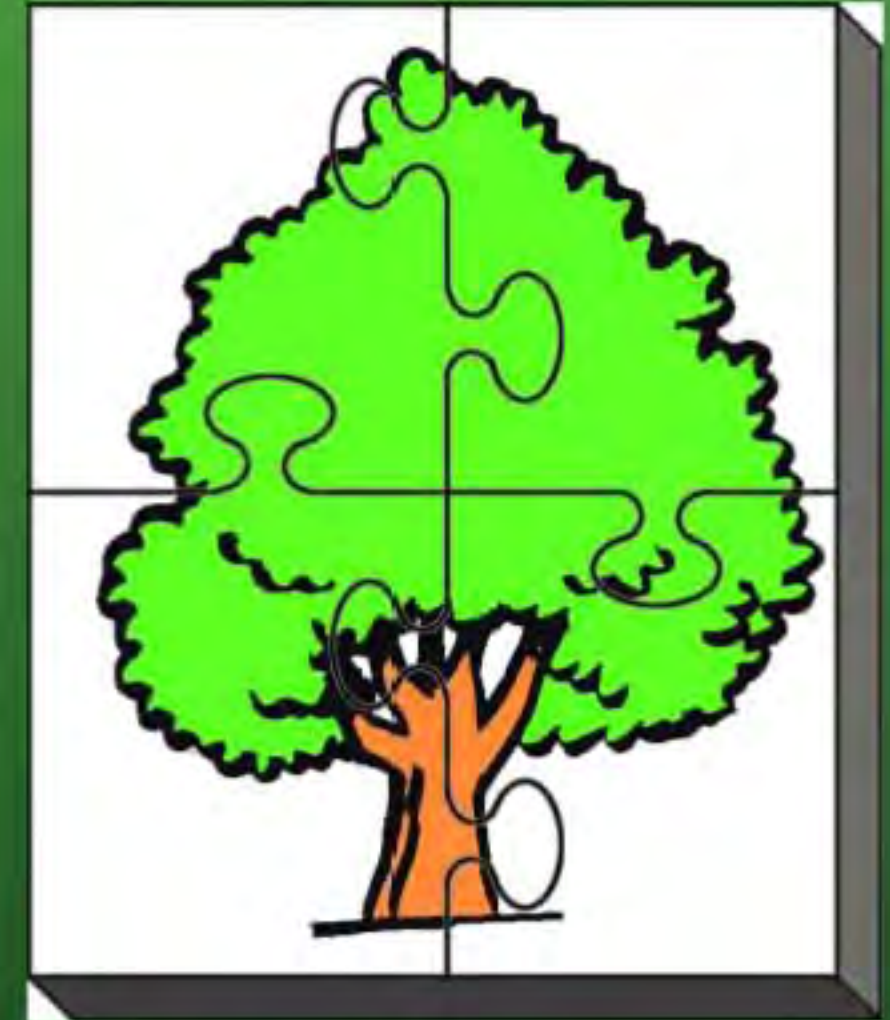


Dan Staley

staley.dan@gmail.com

<http://danstaley.net>





**Making space for Green Infrastructure:
By 2050, 50% of all buildings will have
been built in the last 50 years**



Introduction

- What is Smart Growth
 - New Urbanism
 - Traditional Neighborhood Design
 - Compact development in a *coherent and supportive* physical framework

We don't have a density problem, we have a *design* problem.


NOT Smart Growth

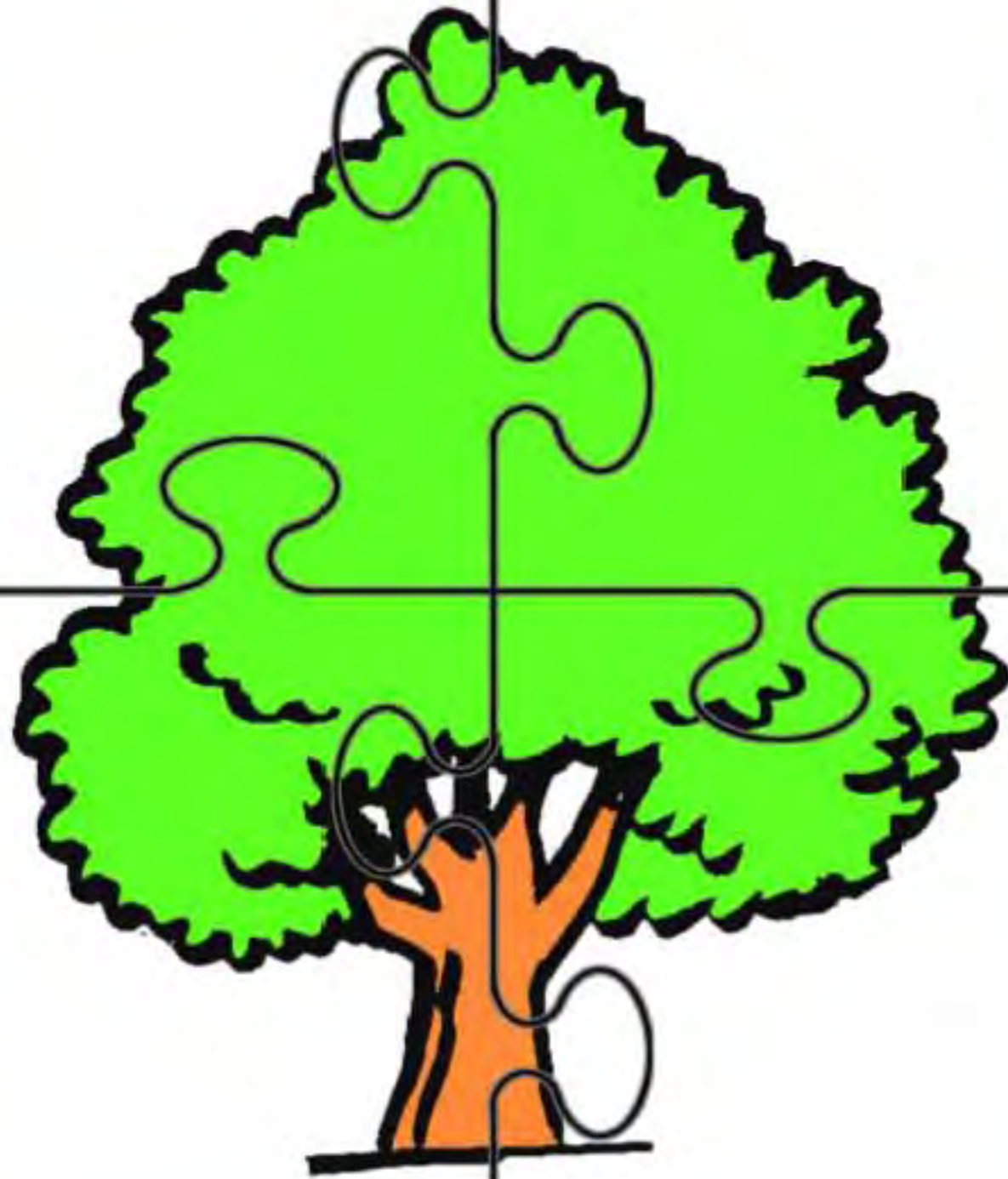




“Smart Growth” is the return to built environment patterns found prior to WWII

Smart Growth: Market Demand

- This demand affects community forestry and built environments
 - Research shows planning efforts must create quality greenspaces
 - Code changes ()
 - Community Forestry (\$\$)
 - Increased management to prevent conflicts



Putting
Together The
Green
Infrastructure
Puzzle



Smart Growth: Targets

- Three tiers of users, having different demands and focus:
 - **End users:** home owner, business owner, electeds/appointed
 - **Land use decisions:** planners, architects, developers
 - **Installers and maintenance:** Public Works, Utilities, Green Industry

Planning order of importance



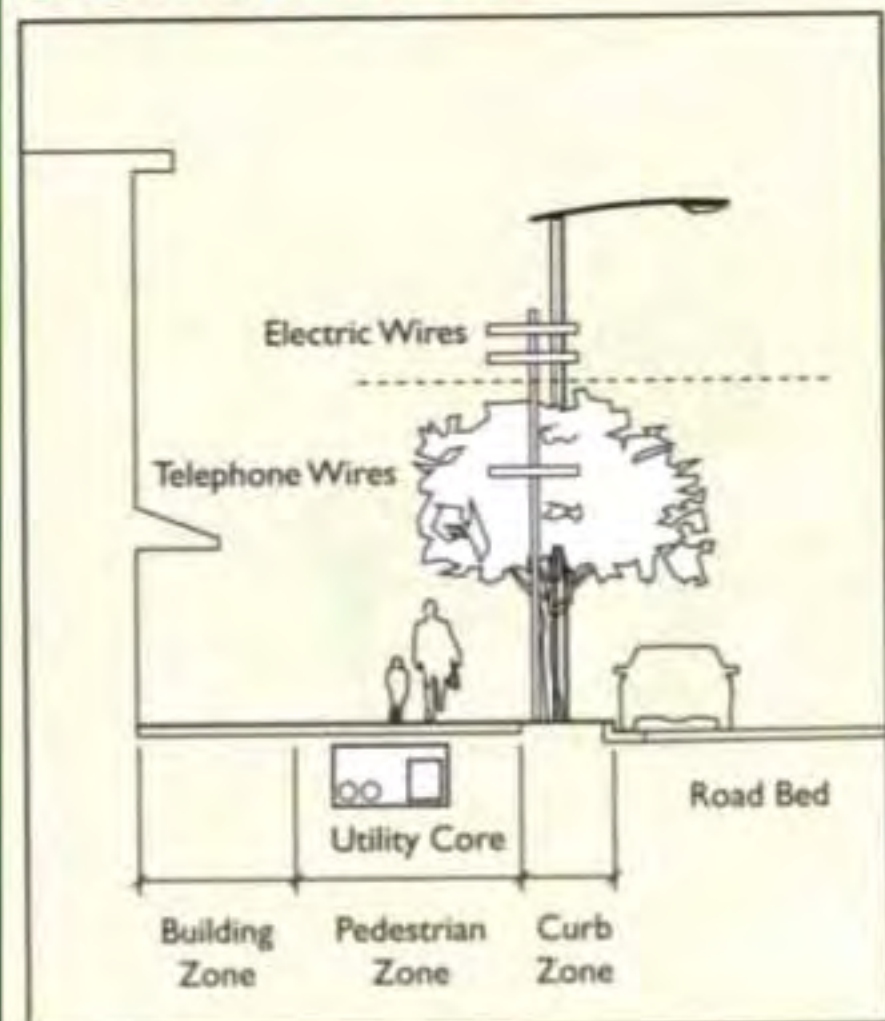
Who Are Your Green Infrastructure Partners?

- Utilities Departments
- Public Works Departments

Your Green Infrastructure Partners

- Utilities Departments
 - Engineers, construction trades

Street Trees and Utilities





Your Green Infrastructure Partners

- Utilities Department Concerns:
 - New design vs. retrofit (\$)
 - Public safety
 - Capital budgets



Your Green Infrastructure Partners

- Utilities Department's Jargon:
 - Budget numbers - depreciation, public safety
 - Trees *appreciate, increase safety*
 - STORMWATER – Goals achieved via Tree lawn widths, Rights Of Way, conflicts, property values
 - CONTEXT-SENSITIVE SOLUTIONS (CSS)

Your Green Infrastructure Partners

- Public Works Departments
 - Transportation engineers
 - Complete streets, road diet, traffic calming, Context-Sensitive Solutions (CSS)



Your Green Infrastructure Partners

- Public Works Department Concerns:
 - New design vs. retrofit (\$)
 - Pedestrian and non- motorized safety

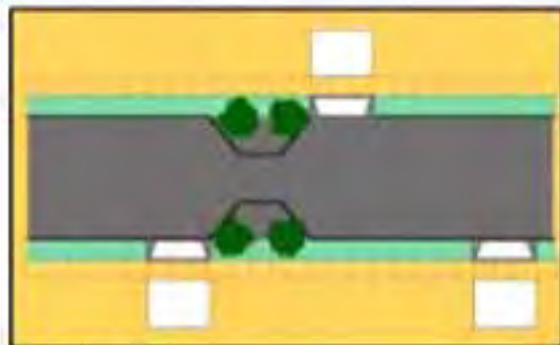




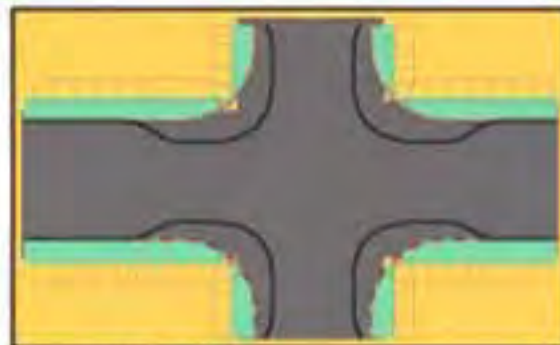
Your Green Infrastructure Partners

- Public Works Department's Jargon:
 - Engineers = numbers
 - Tree lawn widths, pavement shading, visual edge of road for drivers, traffic calming, property values
 - CONTEXT-SENSITIVE SOLUTIONS (CSS)
 - Engineers are people too – wrap up with return to people: children, elderly

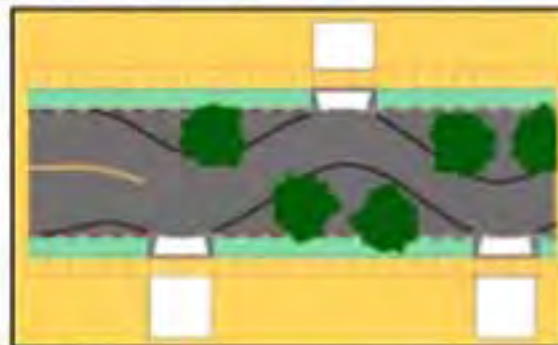
Gray and Green Infrastructure



Mid-Block Choker



Narrowed Intersection



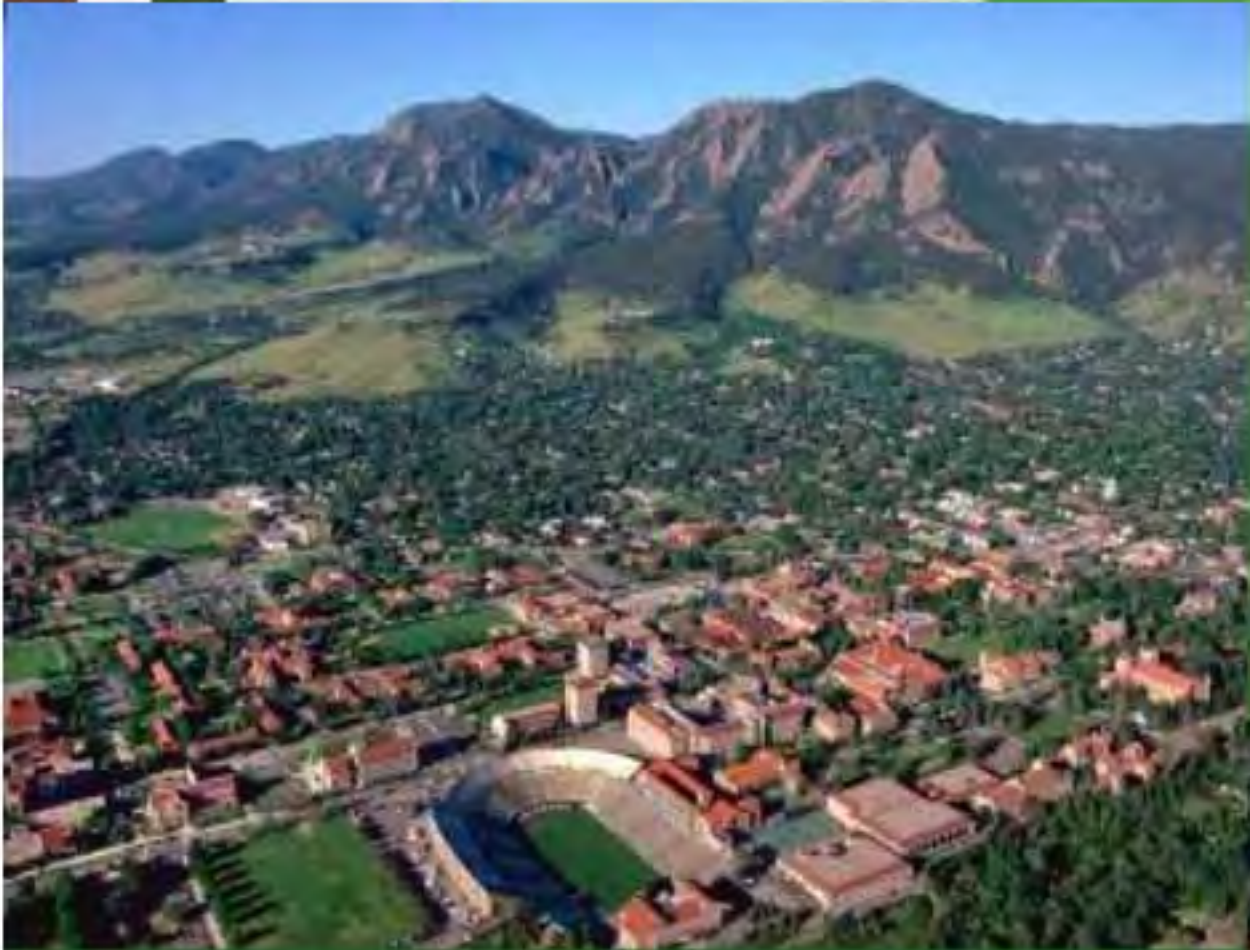
Chicane

Gray and Green Infrastructure





Q&A at end of session



Thank you!

