

Appendix C
8. Green Streets Presentation

Green Streets

Transportation Policy Committee

January 15, 2013

What are they?

- ❖ Approach to street design that serves environmental sustainability goals
- ❖ Can be a component of Complete Streets (serving all travelers)
- ❖ Often refers to LID or Low Impact Design / Development techniques
- ❖ Also refers to alternatives to traditional vehicular-focused streets

Sustainable Features of Green Streets

- ❖ Pavement
 - Reduce overall street width
 - Narrow travel lanes (“road diet”)
 - Incorporate pervious surfaces
 - Maximize pavement albedo (reflectivity)
- ❖ Landscaping
 - Rain gardens, bioswales, street trees
 - Incorporate into traffic calming features (chicanes, islands, curb extensions)
- ❖ Climate
 - Provide spaces for low-emission travel (bike / ped / public transit)





Rain garden / sidewalk swale



Sidewalk planters

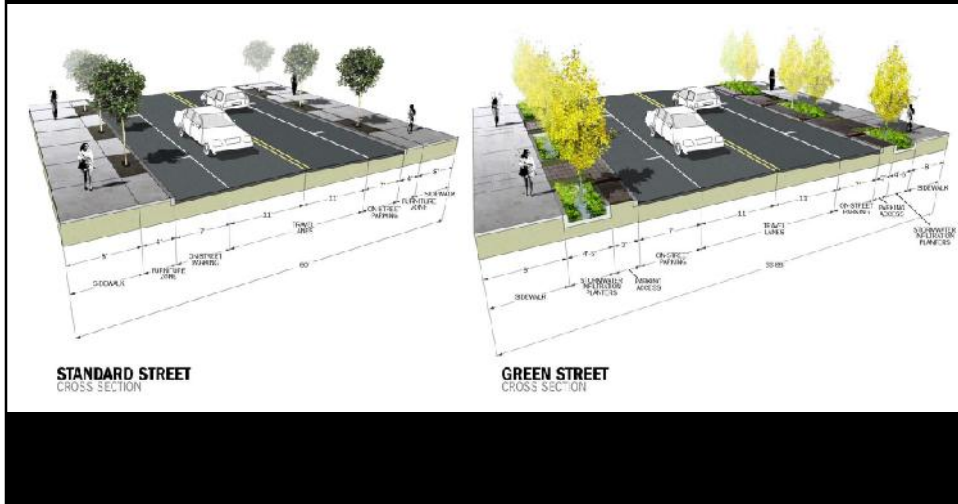


Highway median treatment

Local / Residential Street

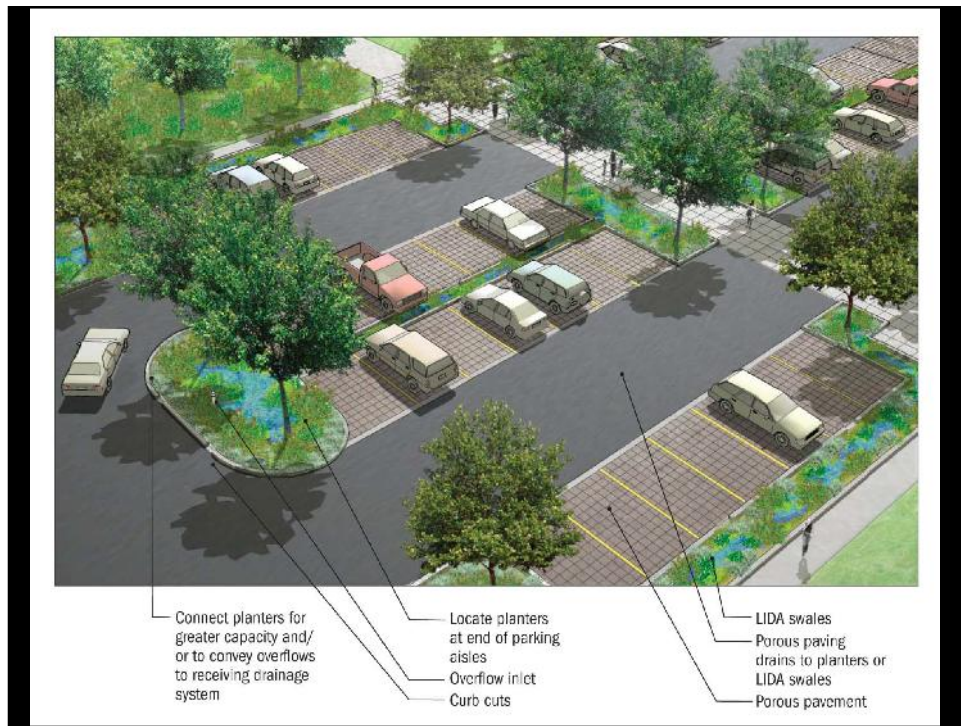


Local / Urban Street



Collector Road





Case Studies of Green Streets

- ❖ Portland OR, *Green Streets Program*
- ❖ Seattle, WA *Green Streets*
- ❖ Boston *Green Streets Initiative*
- ❖ Chicago, IL *Sustainable Streetscapes*

Portland, OR Green Streets Program

- ❖ Goal: *promote and incorporate the use of green street facilities in public and private development.*
 - Incorporate into City-funded projects
 - Site fee penalty if not incorporated
 - Certain projects can contribute to City's 1% for Green Fund

Seattle Green Streets

- ❖ Prioritizes pedestrian circulation and open space
 - Wider sidewalks
 - Landscaping
 - Traffic calming
 - Complementary land uses
- ❖ Seattle ROW Improvements Manual
 - Guidance for development along Green Streets

Boston Green Streets Initiative

- ❖ 501(c)3 nonprofit organization dedicated to celebrating and promoting the use of sustainable, active transportation in the Boston region and beyond.
- ❖ Organize monthly Walk/Ride Days and other community and educational efforts.
- ❖ Aim to create safer, healthier, and quieter streets and more vibrant communities for commuters and citizens of all kinds.

Chicago Sustainable Streetscapes

- ❖ Green Alley Program
- ❖ Sustainable Streetscapes Initiative

