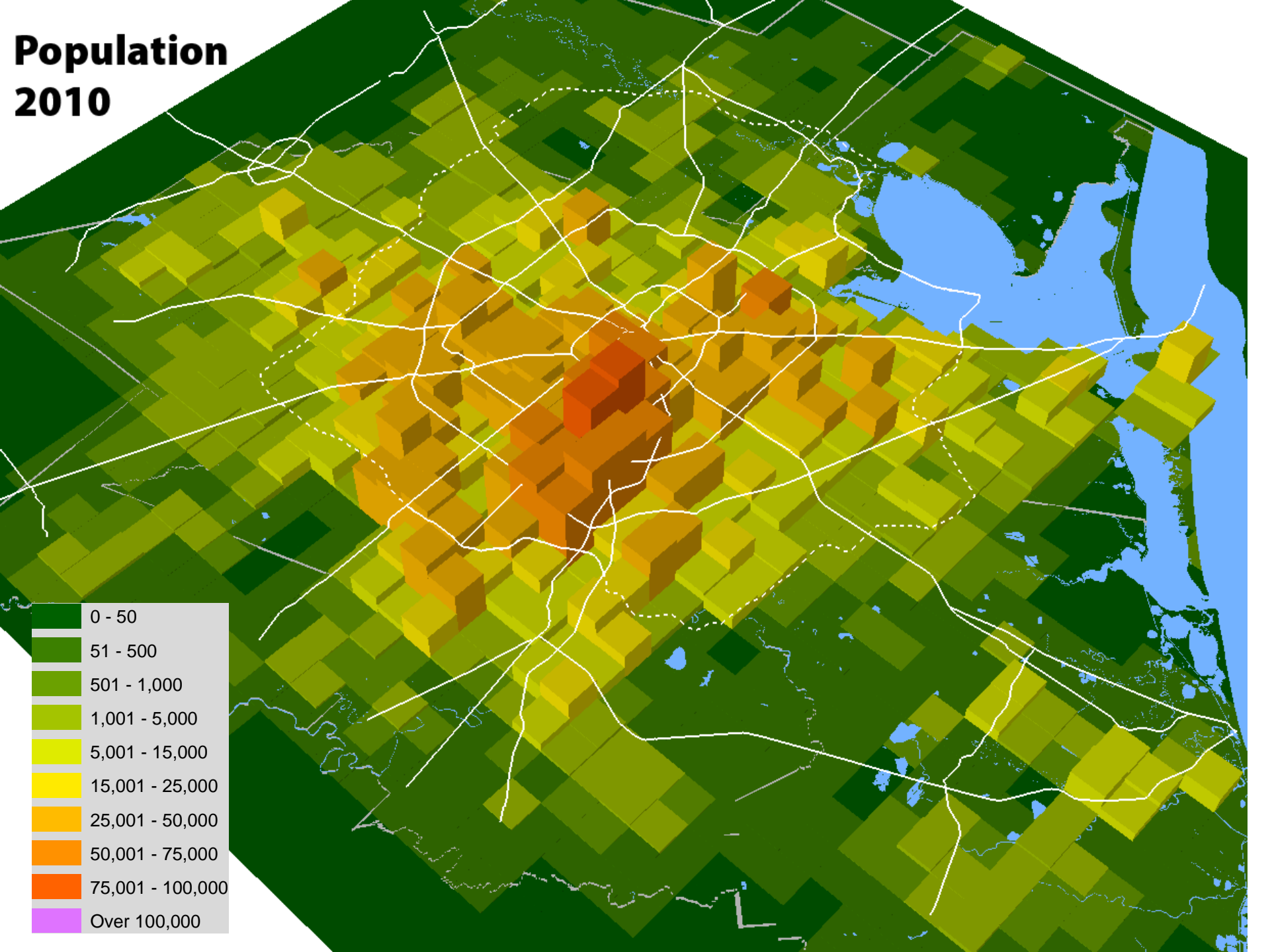




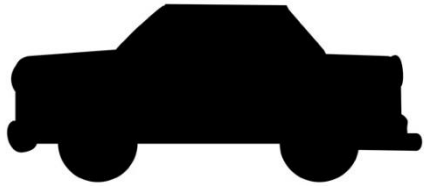
DESIGNING FOR IMPACT
LID LESSONS LEARNED

Population 2010



0 - 50
51 - 500
501 - 1,000
1,001 - 5,000
5,001 - 15,000
15,001 - 25,000
25,001 - 50,000
50,001 - 75,000
75,001 - 100,000
Over 100,000

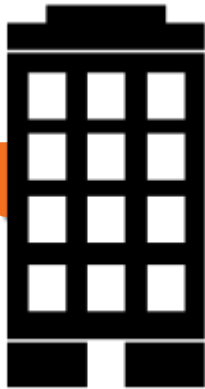
Development Impacts 2040:



6 M

Parking Spaces

680 M
SQFT



Non- Residential



3.5B
SQFT

Residential



Development Impacts:
Single Family Units = 1.4M

390
CINCO
RANCHES



Development Impacts: Parking Spaces

230

NRG PARK

**PARKING
LOTS**



WHAT is Low Impact Development (LID)

Alternative stormwater management method

HOW does LID work?

With NATURE to CAPTURE and DISTRIBUTE storm water across project site

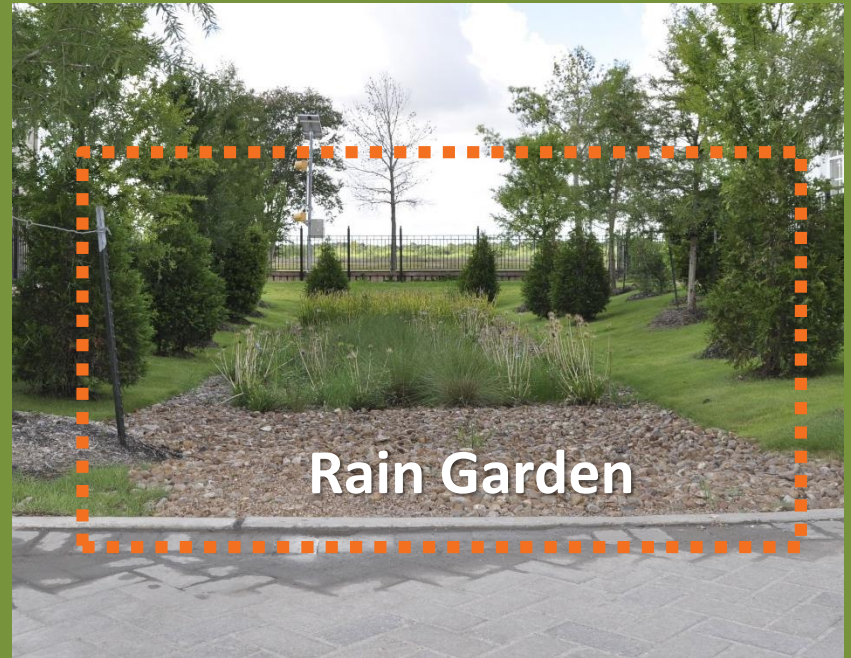
WHERE can LID be used?

EVERYWHERE – new developments, redevelopments, parking lots, and roadways

Why H-GAC is Interested in LID:

- Growth = Development = Impervious Surfaces = Runoff
- Let's get a head of the curve!

WHAT does LID look like?



LID Benefits

Improved
Water
Quality

Cost-
effective

More Space
For
More Stuff

Reduce
Potential
Flood Impacts

Multi-
Functional

Increased
Property
Values

Designing for Impact: PROJECT APPROACH

LID Website

- Highlight local projects
- All about LID

Regional Guide To LID

- Conceptual Site Plans
- Cost Benefit
- About LID

Workshops

- Public/Private Sector Collaboration

LID WEBPAGE

www.h-gac.com/go/LID

LEGEND

Houston-Galveston Area C...

Designing for Impact

As part of Designing for Impact, H-GAC has created a mapping application that highlights various Low Impact Development (LID) projects across H-GAC's 13 county region. Click the sites on the map to see a project's location, photos, features and benefits. Projects are grouped based on development type:

- **Residential Development Projects (10 projects)**
- **Non-Residential Development Projects (24 projects)**
- **Mixed Use Development Projects (1 project)**
- **Open Space Development Projects (8 projects)**
- **Street Improvements (13 projects)**

[Submit Your LID Project](#)

16:30
31:45
16:00

Ghirardi Family WaterSmart Park

Designing for Impact: Regional Guide to LID

- About LID
- Barriers/ Solutions
- List of LID BMPs
- Cost-benefit of conventional vs. LID
- Regional Case Studies



GET ONE TODAY!!

WORKSHOPS: Past and Future



- June 2015 Design Work Session
- Today!!
- LID Mobile Workshop
June 16th





Mary Martha Gaiennie

Regional Planner

Houston-Galveston Area Council

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DESIGNING FOR IMPACT

Promoting Low Impact Development (LID)

<http://www.h-gac.com/community/GO/LID>