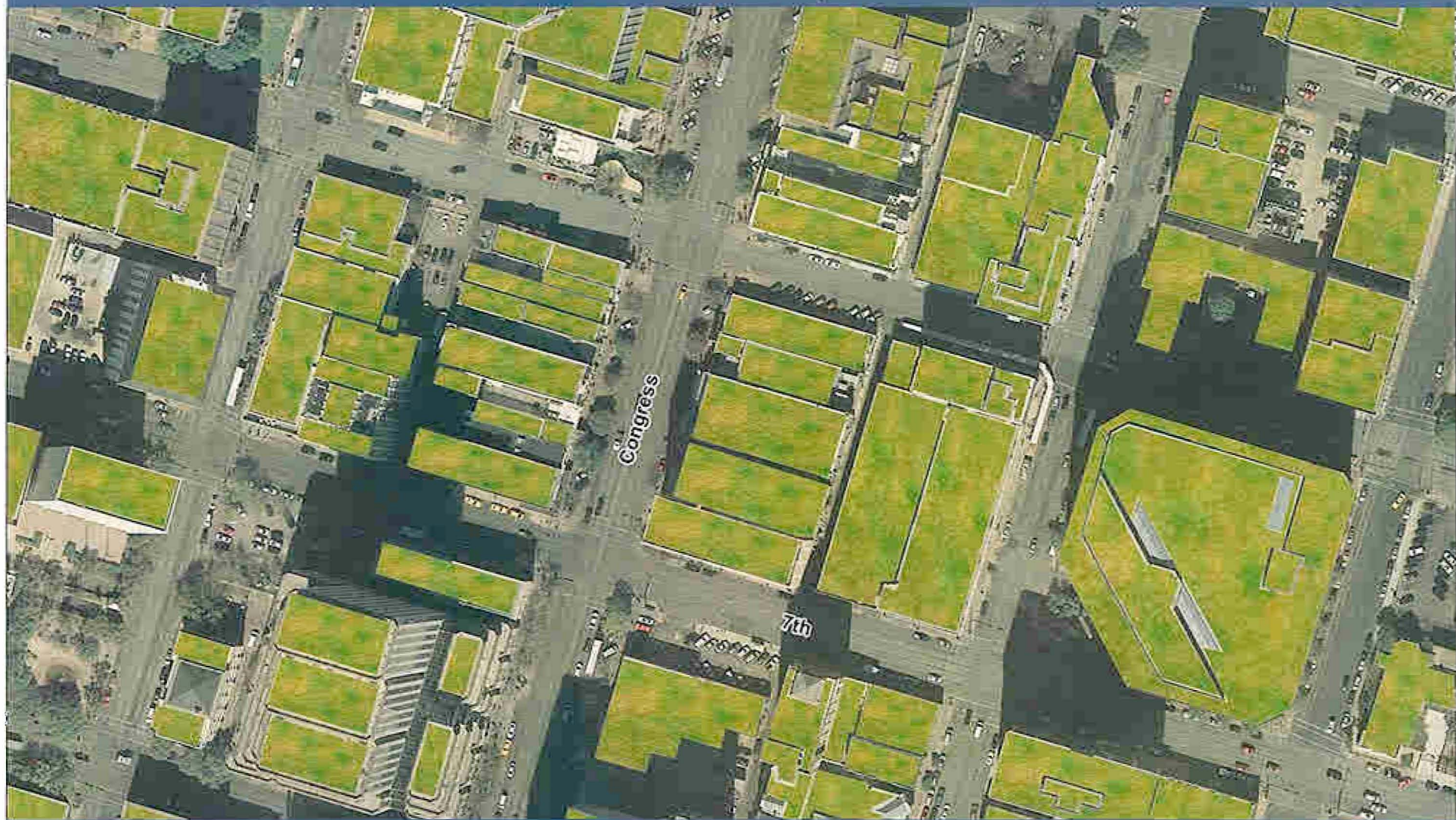


GREEN ROOF ADVISORY GROUP

Late Backup

Interim Report



March 25, 2010

GREEN ROOF RESOLUTION

RESOLUTION NO. 20090827-057

WHEREAS, green roofs, as a component of green infrastructure, can conserve energy, mitigate stormwater runoff volume, provide wildlife habitat, and reduce the urban heat island effect; **NOW, THEREFORE,**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF AUSTIN:

The City Manager is directed to convene and work with a green roofs stakeholder group to explore the feasibility of offering energy and stormwater credits and other incentives, based on performance, to encourage the creation of green roofs in the City.

1916 BACKB

MEETINGS (August '09 – March '10)

- 7 Green Roof Advisory Group Meetings
- 6 Building Subcommittee Meetings
- 7 Site Subcommittee Meetings
- 11 Breakout Sessions

CONCRETE JUNGLE



San Jacinto Parking Structures



Surface Parking Lot



Cesar Chavez Structures

GREEN CITY



Great Streets



Zilker Park



Hike and Bike Trail / Lake

PRECEDENT EXAMPLE: Austin City Hall



AT GRADE



AMENITY TERRACE

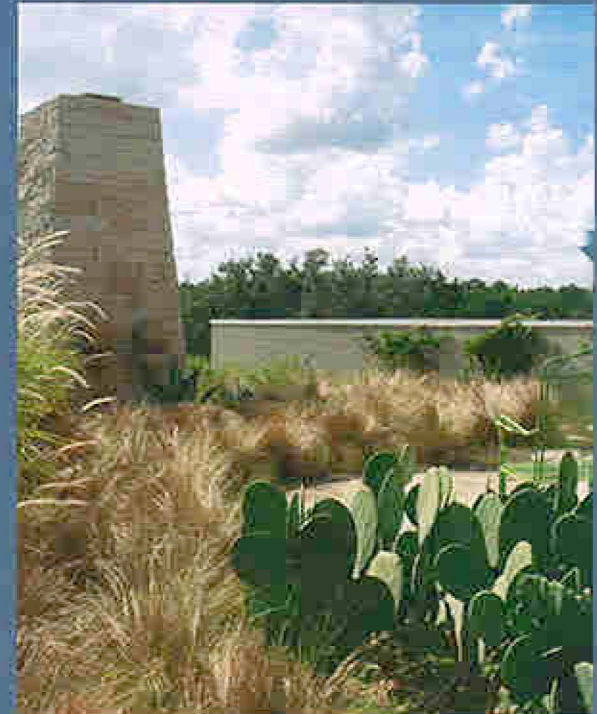
GREEN ROOF TYPES



AMENITY DECK
Sterling House, Texas

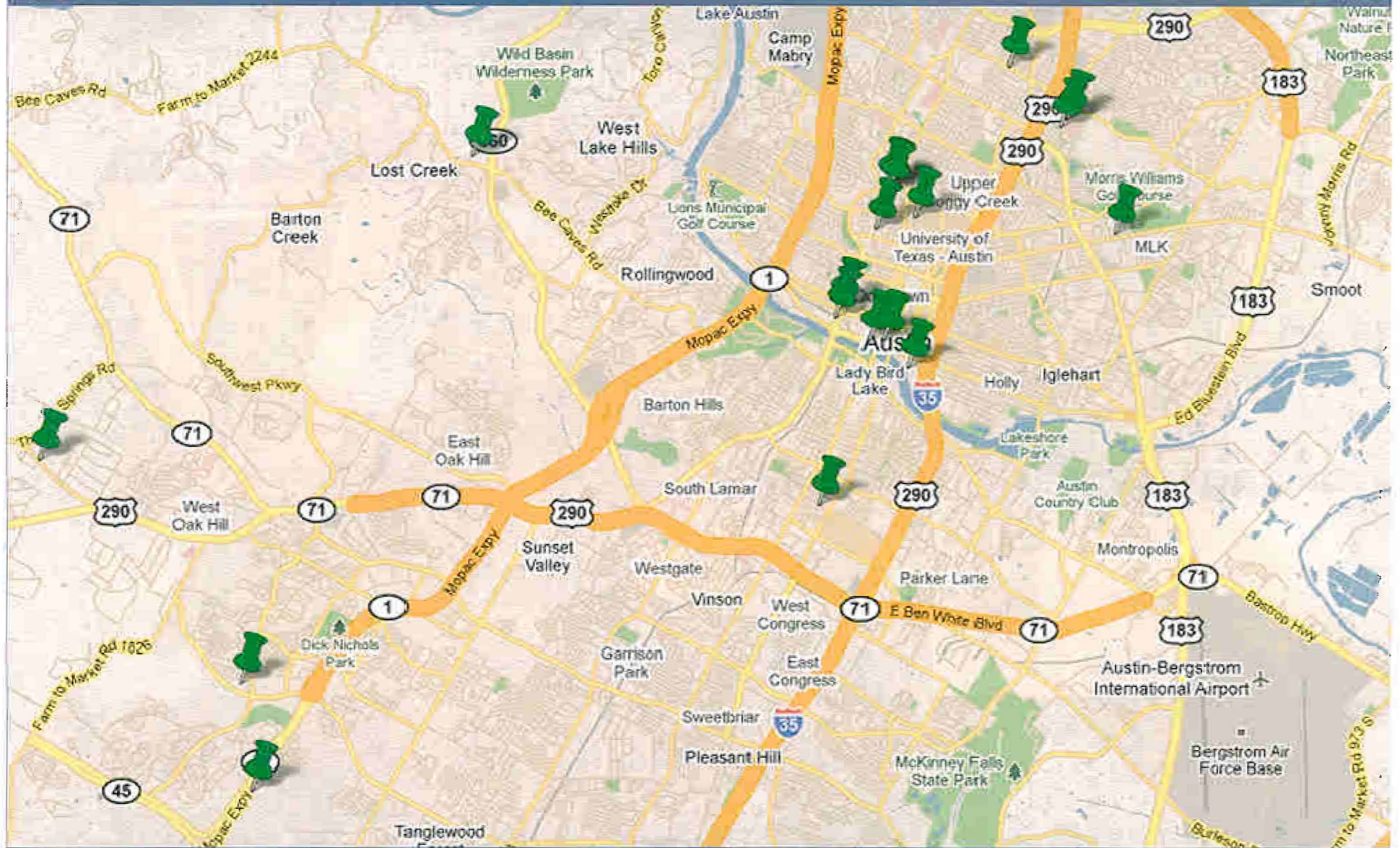


GREEN MEADOW
Ford Plant, Michigan



RESIDENTIAL TERRACE
Zarsky Home, Texas

AUSTIN GREEN ROOFS



19 Existing Green Roofs

PUBLIC BENEFITS & CONSIDERATIONS

- Urban Heat Island Mitigation
- Stormwater Detention
- Air Quality
- Carbon Dioxide Impact
- Water Conservation / Use
- Water Quality
- Well-being
- Wildlife Habitat

PRIVATE BENEFITS

- Energy Use
- Open Space
- Uses and Activities
- Real Estate Value
- Extended Roof Life
- Sound Attenuation



What are other cities doing?

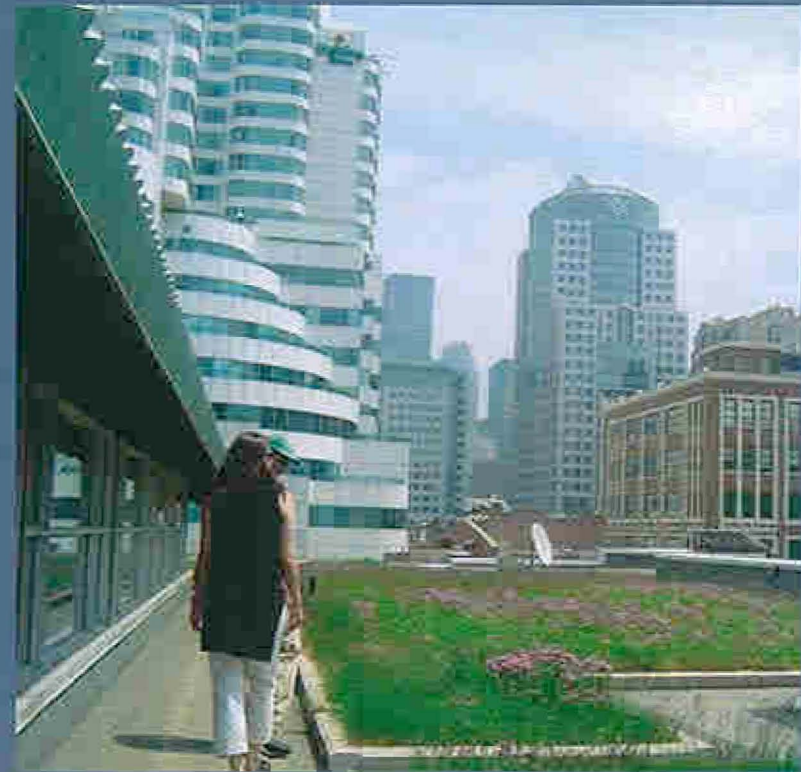
- Toronto
- Portland
- Chicago



Chicago

PUBLIC POLICIES: Toronto

- Incentive of \$50 per square meter, up to a maximum of \$100,000.
- All new institutional and commercial buildings have green roofs.



MEC Building –
10,000 SF Green Roof

PUBLIC POLICIES: Portland

- All new City-owned buildings must have green roof.
- 100% discount of site fee or 35% of total stormwater discharge fee.



The Louisa – Plaza Terrace

PUBLIC POLICIES: Chicago

- Climate Action Plan for 6,000 green roofs by 2020.
- Over 2.5 million s.f. installed to date.
- Up to \$5000 to residential and small commercial projects



Chicago City Hall –
150 different plants

AUSTIN POLICY OPPORTUNITIES

- Planned Unit Development (PUD)
- Open Space
- Impervious & Building Cover
- Parkland Dedication
- AE Green Building Program
- Water Quality & Flood Control
- Financial Incentives

NEXT STEPS

March 25 Power Point Presentation to Council
Begin 30 Day Community Comment Period

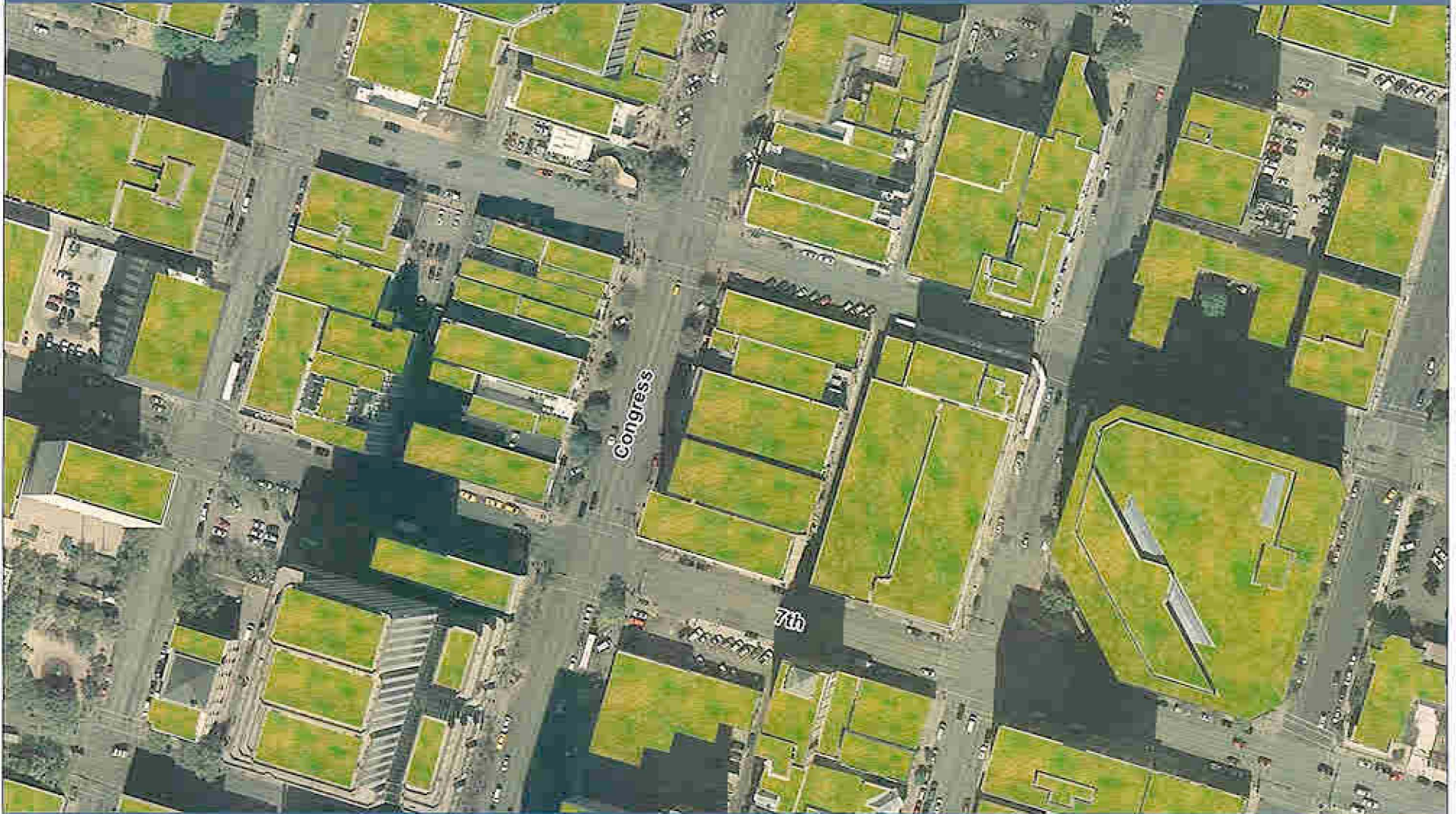
April – July Phase II Activities

- Community Outreach
- Targeting and Land Use Study
- Framework for Standards
- Policy Recommendations

August Final Report & Recommendations

QUESTIONS

<http://www.ci.austin.tx.us/council/place1/>



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