Thank you!

- You
- Ann Arbor District Library
- Home Depot Foundation
- Jamie Kidwell
- Matthew Naud
- Presenters
  - City, County, Non-profit, UM faculty
Tonight: Land Use & Access

- Joe Grengs, University of Michigan
- Susan Pollay, Downtown Development Authority
- Eli Cooper, Systems Planning Unit
- Jeff Kahan, Planning & Development Services
- Ginny Trocchio, Ann Arbor Greenbelt Program
- Evan Pratt, Planning Commission
- Q & A
Sustainability Themes

January 12, 2012
- RESOURCE MANAGEMENT

FEBRUARY 9, 2012
- LAND USE AND ACCESS

MARCH 8, 2012
- CLIMATE AND ENERGY

APRIL 12, 2012
- COMMUNITY
Plan

Transportation
Washtenaw County
Washtenaw Urban County

Natural Features
Water Treatment Facilities and Water Resources

Housing and Community Development
Millers Creek Watershed Improvement

Greenhouse Gas Emissions Reduction Strategy
Greenway Task Force

Downtown
Climate Action
Allen Creek Watershed Management

Affordable Housing Needs Assessment

Drinking Water Distribution System
Capital Improvements
Energy
Solid Waste
Huron River and Impoundment Management
Urban and Community Forest Management

Flood Mitigation
Land Use
Parks and Recreation and Open Space
Non-motorized Transportation

Wastewater Treatment Facilities
Malletts Creek Restoration
Stormwater
City Commissions and Boards

- Energy
- Environmental
- Housing
- Housing and Human Services
- Park Advisory
- Planning
Transportation Options

Establish a physical and cultural environment that supports and encourages safe, comfortable and efficient ways for pedestrians, bicyclists and transit users to travel throughout the city and region.
Sustainable Systems

Plan for and manage constructed and natural infrastructure to meet the current and future needs of our community
Efficient Land Use

Encourage a compact pattern of diverse development that maintains our sense of place, preserves natural systems, and strengthens neighborhoods, corridors and downtown.
More Information

- [www.a2gov.org/sustainability](http://www.a2gov.org/sustainability)
- [www.a2gov.org/soe](http://www.a2gov.org/soe)
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- Jamie Kidwell
  Sustainability Associate
  [jkidwell@a2gov.org](mailto:jkidwell@a2gov.org)
Q & A

- How should the City encourage the use of transportation options?
- How can the community better share limited transportation infrastructure?
- How should Ann Arbor connect to the region?
- How should the City approach development and density?
- Additional comments?
  - Email: sustainability@a2gov.org
Land Use and Accessibility:
Transportation as Interaction

Sustainable Ann Arbor Forums
February 9, 2012

Joe Grengs
Urban and Regional Planning
University of Michigan
grengs@umich.edu
What We Do Now

Means

- Capacity Expansion
- Travel Demand Management
- Easy Parking, Signal Timing, Etc.

Ends

- Mobility (i.e., speed)
A Better Way: Accessibility as the Goal

Means

Ends

Accessibility

Mobility

Proximity

Connectivity

(-)
A Better Way: Accessibility as the Goal

Means

Ends

Accessibility

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Connectivity

(-)
Sustainability
As An Essential Downtown Development Strategy
Ann Arbor Downtown Development Authority
Ann Arbor, Michigan
Most Michigan cities (as well as many townships and villages with a commercial area) have created a DDA. Each DDA has a unique Development Plan.

The A2DDA mission is to undertake public improvements that have the greatest impact in strengthening the downtown area and attracting new private investments.

A key A2DDA strategy: sustainability.

The DDA aspires to make downtown the sustainable heart of a sustainable city.
Sustainability as a Key Development Strategy: Land Use

DDA support for County & City land conservancy millages

DDA support for changes to downtown zoning to encourage more residential units.

The 2010 census showed that the DDA District gained 1,263 new residents (30% increase since 2000), for a total of 4,607 DDA District residents.
Sustainability as a Key Development Strategy: Transportation

60,000+ people/day drive into A2.

To encourage regional transportation improvements & cooperation, the DDA has provided grants:

- #4 route between A2/Ypsi
- Express bus service Chelsea/A2, Canton/A2
- Parking for AATA’s airport service (March)
- Exploration for the Wally
- Connector study
Sustainability as a Key Development Strategy: Transportation

In the late 1990’s, AATA had relatively few riders of choice.

DDA/City/AATA partnered to create the “getDowntown” program

<table>
<thead>
<tr>
<th>Mode to work</th>
<th>2011 Survey</th>
<th>2009 Survey</th>
<th>2000 Census</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Alone</td>
<td>57%</td>
<td>61%</td>
<td>65%</td>
</tr>
<tr>
<td>Public Transit</td>
<td>18%</td>
<td>15%</td>
<td>8%</td>
</tr>
<tr>
<td>Walk</td>
<td>13%</td>
<td>14%</td>
<td>17%</td>
</tr>
<tr>
<td>Rideshare</td>
<td>3%</td>
<td>6%</td>
<td>7%</td>
</tr>
<tr>
<td>Bicycle</td>
<td>6%</td>
<td>2%</td>
<td>2%</td>
</tr>
<tr>
<td>Other</td>
<td>3%</td>
<td>1%</td>
<td>1%</td>
</tr>
</tbody>
</table>
Since 2002 DDA has funded 95% of the cost of a “go!Pass”

- Unlimited use bus passes for 7,300+ employees at 500+ downtown employers
- In 2011, 630,000+ trips were taken with a go!pass (15% increase over 2010)

Reasons for Mode Change – 2011 getDowntown Survey
Other DDA-funded transportation efforts:

Bike parking: lockers, covered, hoops (1,000), in-street racks

Zipcars (10 downtown Zipcars in 2012)

Motorcycle & moped parking

Night Ride

Grants (e.g. to Washtenaw Walking & Biking Coalition)

33% of downtown employees who own cars choose not to bring them downtown
**Sustainability as a Key Development Strategy: Walkability**

Encouraging “park once” behavior

Major streetscape improvements expanded sidewalk space, improved lighting, and added bike lanes

Other “walkability” projects including edible landscaping & topiaries to create interest, window display contests, trip hazard/sidewalk maintenance, and encouraging city ordinance changes
Sustainability as a Key Development Strategy: Construction

“Partnership” grants to developers promising Gold or Platinum LEED certification

Grant to the City for the new municipal building for LEED certification costs

Library lot garage received recognition from the Green Parking Council as a Demonstration Site for the inclusion of electric-car stations, energy-saving fixtures, reuse of excavation site materials, 100% storm water detention, etc.)
Grant for downtown LED street lights. City now saves $100,000/year in maintenance and electricity costs. The Energy Globe Awards Ceremony recognized A2’s LED lighting efforts with a World Energy Globe Award for Sustainability.

Solar demonstration project provides energy for the Farmers Market (saves $1,200 in energy savings/year; 1/3 of its total energy use)
In 2008, the DDA created an Energy Saving Grant Program

- **Phase I.** Free energy audit of a downtown bldg by a certified auditor, followed by a consultation to determine the steps that could be taken to reduce building energy cost.

- **Phase II.** Matching funds for installation of energy-saving measures, including new heating/cooling, lights, etc.
Sustainability as a Key Development Strategy: Use Downtown’s Visibility to Communicate Community Values

Sidewalk recycle containers

Pervious pavement parking lot with signage explaining how rain water is captured on site

Solar-powered epark machines
DDA has used a wide variety of sustainability programs to meet its mission, understanding that environmental, social, and economic sustainability goals must all be considered.

Much can be accomplished working in partnership with others.

The eyes of the community are on downtown – visibility helps support community pride about sustainability goals and accomplishments.
Components of Sustainable Land Use

- Natural Systems Preservation
- Adaptive Re-Use
- Land Use Efficiency
- Mixed Use
- Ped/Transit-Oriented Development
Natural Systems Protection
Adaptive Re-Use
Land Use Efficiency
Mixed Use
Pedestrian/Transit-Oriented Design
Jeff Kahan, AICP
City Planner
City of Ann Arbor
jkahan@a2gov.org
Ann Arbor Sustainability Forum
Land Use and Access

Transportation

Journey to Work
Mode of Transportation
United States

Mode Share

- Private Vehicle
- Public Transportation
- Walk Only
- Work at Home

Year:
- 1960
- 1970
- 1980
- 1990
- 2000
Ann Arbor Journey to Work 1960 - 2000

Journey to Work
Mode of Transportation
Ann Arbor

Mode Share

- Private Vehicle
- Public Transportation
- Walk Only
- Work at Home

Year
- 1960
- 1970
- 1980
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- 2000

Mode Share (%)
Walking
Bicycling
Railroads
Ann Arbor Greenbelt
What is the Greenbelt?

• Passed in 2003
• 30 – year .5 tax levy for land preservation / acquisition
  – Parkland acquisition in City
  – Farmland and Open Space Preservation outside of City
What a Conservation Easement?

- Remains in Private Ownership
- Preserves agricultural, open space, scenic and natural features
- Limits development on property
- City monitors annually
Why a Greenbelt?
What have we done?

• Protected over 3,500 acres

• Leveraged the City’s funds 1:1
% Matching Funds

FY06  FY07  FY08  FY09  FY10  FY11  FY12
Expenses


-$  -  $2,000,000  $4,000,000  $6,000,000  $10,000,000  $12,000,000

Legend:
- Total Administrative Expenditures
- Park Projects
- Greenbelt Projects
- DEBT SERVICE
Contact Information

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