Happy Earth Day 2014!
Purpose of the Campus Master Plan

- Guides long-term development based on a common vision and values
- Sets the course for the organizational character of the campus
- Identifies opportunities to accommodate growth in response to programmatic needs
- Optimizes the use of limited resources
- Coordinates operational systems
- Enhance safety
Campus Master Plan; a Toolkit for Guiding Change

- Overarching Planning Principles
- System Framework Plans
- University Zoning Ordinance
- A Process for “Constructive” Conversation
New Building Space Added Every 10 Years

- 1940-49: 1.82 Million SF
- 1950-59: 3.89 Million SF
- 1960-69: 7.01 Million SF
- 1970-79: 0.82 Million SF
- 1980-89: 2.57 Million SF
- 1990-99: 1.77 Million SF
- 2000-09: 3.39 Million SF
- 2010-19: 2.00 Million SF (Projected)

To Date: Oct 2013
Building Gross Square Footage by Use

Academic: 9,742,420.00 (42.8%)
Housing: 5,761,076.00 (25.3%)
Athletics: 1,875,924.00 (8.2%)
Support: 2,172,578.00 (9.5%)
Parking: 1,863,984.00 (8.2%)
Others: 124,891.00 (0.5%)
Academic Space in Housing Facility: 345,915.00 (1.5%)
Farms: 866,421.00 (3.8%)
Smart Growth Principles

- Highest and **best use of land**
- Establish a **compact campus** composition with a **mix of land uses**
- Provide a variety of **transportation choices**
- Enhance **non-motorized accessibility** and create walkable neighborhoods
- Preserve critical **environmental areas**, open space, and farmland
Building Opportunity Framework Plan

12.9 MGSF Potential / 11.6 MGSF Net New
Wells Hall
Paolucci Building
Highest and Best Use?
Areas Deemed Unsafe by Drivers, Cyclists and Pedestrians

1,170 people were polled on their mode of transportation, driver, bicyclist or pedestrian and asked to indicate areas on campus they considered unsafe.

- **Maximum**: area is considered unsafe by 30% or more of participants in all categories
- **High**: area is considered unsafe by 30% of participants in any two categories and by 15% to 29% of participants in the third category
- **Medium**: area is considered unsafe by 15% to 29% of participants in all categories
- **Moderate**: area is considered unsafe by 8% to 14% of participants in any two categories and by 15% to 29% of participants in the third category
- **Low**: area is considered unsafe by 8% to 14% of participants in any two or three categories
- **Minimum**: area is considered unsafe by 8% to 15% of participants in only one category

*Categories are: Drivers, Bicyclists and Pedestrians*
Prioritizing for Non-Motorized Modalities
Vehicular Circulation Framework
Bicycle Lanes

LEGEND
- GREEN LINES: EXISTING BIKE LANES - 12.68 MILES
- RED LINES: FUTURE BIKE LANES - 4.70 MILES
- BROWN LINES: EXISTING SHARED-USE - 0.94 MILES
- ORANGE LINES: FUTURE ROAD WITH BIKE LANES - 1.20 MILES

TOTAL ANTICIPATED LANE LENGTH: 14.75 MILES
69.1% OF ROADWAYS IDENTIFIED FOR BIKE LANES ARE COMPLETED
Protected Green Space
What's Going On?
Academic Governance 2014

Campus Master Plan

www.masterplan.msu.edu
www.construction.msu.edu

troosts@msu.edu