"We are all interested in the future, for that is where you and I are going to spend the rest of our lives."

Woody Allen
University of New Mexico Master Plan Update

January 27, 2010

1889 Synthesize + Connect + Create 2010
The Challenge

Evolving from a commuter campus to a sustainable Urban Campus... to a University Community...
Student Issues

• Parking/Alternative Transportation
  
  Convenience
  Cost
  Quantity

• Better Access - pedestrian/bicycle

• Sustainability

• Better Instructional Space

• Recreation/Amenities

• Open Space

• Housing/Greek Life
Town Hall input...
Quick, easy, secure and safe access to the Campuses by bicycle
Sustainability issues

The importance of on-campus student life and the need for recreation facilities
Location and price of parking
Improved east-west pedestrian connections on Central Campus

Better food service and amenities
The Task at hand...

**Update the 1996 UNM Master Plan**

* Create a unified campus…
  
  • Accommodate growth and change…
  
  • 10-20 year planning horizon…
  
  • Capital improvement strategy…
  
  • Roadmap for implementation…
UNM at a glance:

2008 Campus enrollment: 25,820

FTE Students: 20,582

Total Employees: UNM/HSC/UNMH 14,289

Student Employees: Main 3,913
HSC 894

Approximately 10.8 million square feet of building space for UNM/HSC/UNMH

13,261 parking spaces

769 acres total: North, Main and South campuses

CNM 12,000 students/1,000 faculty/staff
Context

What’s happening that will impact the UNM MP Update?

- Regional Growth
- Climate Change
- Sustainability
- Urban Form
- Constrained Resources
Regional Growth...
Bernalillo/Valencia/Sandoval/Santa Fe

+215,000
Population increase 1995-2010

+600,000
Projected population increase 2010-2035

67%
of incoming Freshman are from...
Santa Fe, Bernalillo, Sandoval & Valencia Counties

88%
of incoming Freshman are from New Mexico
UNM Growth Projections

Dean’s “Quality” Estimate

Total Headcount

Undergraduate

1996  2008  2012  2018
North Campus
3.58 Million sf
269 Acres

Central Campus
5.1 Million sf
211 Acres
2200 housing units
3800 core parking spaces

South Campus
1.4 Million sf
289 Acres
9500 parking spaces

Connectivity

North Campus → Central Campus → South Campus
1. Create an enduring and memorable public realm

2. Respect market realities

3. Share the risk, share the reward

4. Plan for financial complexity

5. Integrate multiple uses

6. Balance flexibility with a longer-term vision

7. Capture the benefits that density offers

8. Connect to the community

9. Invest for sustainability

Commit to intensive on-site management and programming

"Not TV or illegal drugs but the automobile has been the chief destroyer of American communities."
— Jane Jacobs (Dark Age Ahead)
Consensus...

Central Campus

Unique sense of place…and architecture
Quality of open spaces
In-fill Central Campus Development

Infill Site A: 57,200 sf @ 3 stories
Infill Site B: 37,800 sf @ 3 stories
Pedestrian & Open Space Corridors
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Sustainability…

“Meeting the needs of the present without compromising the ability of future generations to meet their own needs.”

Ecology’s working definition of sustainability
Establish a phased 20-30 megawatt renewable energy system on UNM’s roofs to provide electricity;

Install smart grid technology to decrease and streamline UNM’s electricity demand;

Commit to moving commuters out of cars and into mass transit, onto bicycles, or onto feet;
Table 4: Portion of household income spent on housing, transportation, and other by neighborhood type


Annual Cost SOV $8852
Annual Delay 34 Hours
Per peak hour traveler

Source: Texas Transportation Institute Urban Mobility Report
Parking/Alternative Transportation

Public-Public Partnerships…

UNM cannot solve regional transportation issues alone…

Outreach to MRCOG, DOT and COA

Transit strategies for accessing UNM/UNMH/CNM area…
Back to the Future...
Modern Streetcar

- U. of Arizona
- U. of Cincinnati
- Ohio State U.
- U. of Buffalo
- Portland State U.

Connecting to Community plans and resources
Multi-Modal:
Park & Ride Express Routes
UNM/Nob Hill Circulator
Rail Runner
Modern Streetcar
Locate Garages on the periphery
Parking on Central Campus

Change land use to provide more housing on Central Campus…park once…or better yet…not park at all…

Connect to regional transit via routes designed to move faculty/staff/and students from where they live to UNM…

Create “scarcity” of Central Campus parking by capping at 2009 level…

Price Parking appropriately to encourage other means of campus access…transit, bike, car-pool, pedestrian…
Housing/Student

- UNM: 30K units with 25% occupancy
- NMSU: 7500 units with 26% occupancy
- U of A: 17% occupancy
- CU: 24% occupancy
- TTU: 27% occupancy

+2600 units to get to 25%
Proposed 864 Bed Student Housing Project - South Campus
Impact:

Carbon Footprint Reduction

Of 864 Beds of Housing*

Reduces: 1,940,000 of VMT annually

Saves: 78,000 gallons of gas

Saves: $214,000 per year @ $2.75/gal.

Saves: $311,000 per year @ $4.00/gal.

Reduces Carbon Footprint by

1,600,000 #'s of CO2 or

776 tons of CO2

*Assumes 778 commuters for 208 days
At 12 miles round trip and 25 mpg.
“The point of cities is multiplicity of choice.”

Jane Jacobs
"You can't rely on bringing people downtown, you have to put them there."

Jane Jacobs  The Death and Life of Great American Cities
Learn/Work
Be Entertained
Eat
Finding a balance...

Flagship statewide university

Globally significant research and development

Only State of NM Trauma Center

Only State of NM Medical School

Growth and Change

Public/Private Partnerships

Community Asset

Quality of Life

Neighborhood Preservation

Sustainability

Open Space Preservation
Providing a balance…
Celebrate what makes New Mexico... New Mexico