Proposed Bus Stop Changes: 
Trigon to Old Main Drive

Lilia Gonzales, AIA, NCARB, LEED AP BD+C
University Architect, Office of the University Architect
Agenda

- Proposed Bus Route Changes
  - Timeline
  - Evaluation Data
  - Proposed New Route Locations
- Campus Master Plan (CMP) & Implications
- Mobility Master Plan (MMP)
- Next Steps
Proposed Bus Route Changes
Current MSC & Trigon Stops
Trigon to MSC - Fall 2025

Move all fixed on-campus bus stops at Trigon to the MSC around the Simpson Drill Field to:

- Reduce transfer distances
- Simplify buses for passengers
- Alleviate student need for stops on Ross St.
Goals of Proposed Changes

• Place each stop as close to “main final destination” as possible

• Minimize transfer distances between off and on campus routes

• Minimize pedestrian traffic crossing the streets
Evaluation Data

- Ridership Data & Building Occupancy Report [Fall 22]
- Ridership Survey [Spring 23]
  - More than 2,000 students
  - Each bus route evaluated using survey data to determine amount of traffic to each “survey zone”
Survey Zones
Routes Used Regularly

- Route 12 (Reveille): 99
- Route 15 (Old Army): 65
- Route 22 (Excel): 144
- Route 26 (Rudder): 98
- Route 27 (Ring Dance): 96
- Route 31 (Elephant Walk): 226
- Route 34 (Fish Camp): 250
- Route 35 (Hullabaloo): 196
- Route 36 (Matthew Gaines): 229
- Route 40 (Century Tree): 300
Final Destination Ranking

- Zone 1 - MSC, Northside dorms
- Zone 2 - Central Campus: Ross Street, Academic Plaza
- Zone 3 - Southside Dorms, Southside REC, Music Activities Center
- Zone 4 - West Campus Classrooms (Wehner, Kleberg, AGLS, ILSQ)
- Zone 5 - Reed Arena, REC Center, WCG, PEAP
- Zone 6 - White Creek, Vet School, School of Public Health, NCTM
- Zone 7 - Far West Campus (Bush School, UPD)
- Zone 8 - Agronomy Road, F&B Road, GSC
- Zone 9 - RELLIS/HSC
- Other - Open ended response
Proposed Bus Stop Locations
Proposed Bus/Mobility Changes
Impacts of Proposed Changes

- All on-campus routes are placed along Old Main Drive
- Greatest impact on minimizing pedestrian traffic crossing
View from Bell Tower: Option A
View from Bell Tower: Option A
View from Bell Tower: Option A
View from Bell Tower: Option B
View from Bell Tower: Option B
View from Bell Tower: Option B
Campus Master Plan (CMP) & Implications
Campus Master Plan (CMP)
"The various components of the campus mobility network… [support] the Pedestrian-Priority Zone and [improve] the quality of campus life while maximizing efficient movement."

Pg. 192
Campus Master Plan (CMP)
“Outdoor public spaces are similar to outdoor rooms”

Pg. 372
CMP: View Corridors

“These view corridors… often [feature] a monumental building as a focal point or a sweeping view of campus”
CMP: Implications

- Remove curb cut and SW section
- Construct new bike path
- New bus shelters
- Remove bike lanes

Diagram showing changes to the area.
Mobility Master Plan (MMP)
Mobility Master Plan (MMP)

• Design a shared bike/ped corridor along Old Main and New Main to facilitate east-west travel across campus

• Old Main provides the main transit connection between east-west campus

• Complete east-west bike route along Old Main
Mobility Master Plan (MMP)

“Design a shared bike/ped corridor along Old Main and New Main to facilitate east-west travel across campus and to/from the community.”

Pg. 138
Next Steps
Thanks & Gig ‘Em!