ParkingToday.com (2011): “Without a doubt, parking is one of the most widespread and frustrating problems afflicting U.S. colleges and universities.”

The frustrations generally stem from:

- Expectations of “convenient” parking
- Expectations of being able to drive to destinations
- Not enough parking spaces
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY OBSERVATIONS

- UAH has a sufficient number of parking spaces based on:
  - Parking studies
  - Comparisons of people-to-spaces ratio with other institutions
  - At peak parking times approximately only 75% of spaces filled
- UAH parking inventory is not used efficiently
- People spend a lot of time “hunting” for a space at their destination
- Adequate roadway network
- Some vehicle/pedestrian conflict points exist
- There are some traffic circulation issues
- Bicycle parking not managed
- Parking has evolved somewhat to “natural zoning”
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY OUTCOMES

- Manage/utilize UAH parking inventory more efficiently
- Encourage pedestrian/bicycle movement about campus
- Reduce vehicle/pedestrian conflicts
- Improve traffic circulation patterns
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY OUTCOMES

• Manage/utilize UAH parking inventory more efficiently
  • Current: UAH permit to park on campus (“Open Parking”)
  • Issues:
    • as a whole, peak parking occupancy about 75%
    • about 10 lots 50% or less used at peak (underutilized)
    • about 10 lots 90% or more used at peak (deficient)
  • Deficient lots:
    • insufficient turnover
    • hinder parking circulation
    • hinder surface street circulation
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY RECOMMENDATIONS

• Manage/utilize UAH parking inventory more efficiently
  • Implement zone parking in the campus “core” to
    • reduce/limit parking in deficient lots
    • increase occupancy in underutilized lots
    • reduce vehicular movement from lot to lot
  • Continue UAH Permit parking outside the campus “core”

Physical Plant  Shelbie King
Receiving  Tech Hall
Propulsion Research Center  Cramer Hall
WLRH  SWIRLL
Business Services  Early Learning Center
University Park
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY RECOMMENDATIONS

- Manage/utilize UAH parking inventory more efficiently
  - Implement zone parking in the campus “core”
  - Put in place a transit (bus) system (not planned)
- Encourage pedestrian/bicycle movement about campus
  - Implement bicycle policy regarding use and parking ([http://www.uah.edu/policies](http://www.uah.edu/policies))
  - John Wright sidewalk to Sparkman
  - Add bicycle lanes on Ben Graves/John Wright Drives (not planned)
PROPOSED TRANSIT ROUTE: NOT TO BE IMPLEMENTED 2017-18
PROPOSED TRANSIT ROUTE: NOT TO BE IMPLEMENTED 2017-18

• Rationale
  • Consultant estimated 2 busses running (need 3) for ≤ 10 minute (≈ 7 minute) wait
  • Not sure it would be utilized (10 minute wait plus several minute ride plus a walk to destination)
  • Driving the route shows need for 3 busses running (need 4) for ≤ 10 minute wait
  • Currently don’t have a bus system
PROPOSED TRANSIT ROUTE: NOT TO BE IMPLEMENTED 2017-18

- Cost estimate
  - $70/hour per bus (“all in”)
  - M-Th 7:00 am to 11:00 pm plus F 7:00 am to Noon = 69 hrs per week
  - About 30 to 40 weeks = 2,070 to 2,760 hrs
  - About $144,900 to $193,200 per bus
  - About $434,700 to $579,600 for bus service
  - About $50 to $65 per unduplicated permit sold
JOHN WRIGHT SIDEWALK TO SPARKMAN
PARKING, TRANSPORTATION, TRAFFIC PATTERNS STUDY RECOMMENDATIONS

- Manage/utilize UAH parking inventory more efficiently
  - Implement zone parking
  - Put in place a transit (bus) system (not planned)
- Encourage pedestrian/bicycle movement about campus
  - Implement bicycle policy regarding use and parking ([http://www.uah.edu/policies](http://www.uah.edu/policies))
  - John Wright sidewalk to Sparkman
  - Add bicycle lanes on Ben Graves/John Wright Drives (not planned)
- Reduce vehicle/pedestrian conflicts
  - University Fitness Center/Intermodal Facility area
- Improve traffic circulation patterns
  - Two way “loop”
  - Early Learning Center vehicular ingress and egress
PARKING ZONES

- Commuter + Faculty/Staff
- Faculty/Staff
- Resident (designated by residence hall/fraternity/sorority)
- Army Corps of Engineers (Bevill Center)
- Executive Plaza Tenant
- NASA (Cramer Hall lots)
- National Weather Service (Cramer Hall lots)
- University Fitness Center
- UAH Trailer Parking
- UAH Permit (any UAH permit can park)
PARKING DECK

- SCH/FSR/CGV Residents: Ramp to top level and top level (≈ 200 spaces)
- UFC + Commuter + Faculty/Staff; Remainder of deck (≈ 300 spaces)
Campus Map (Test)

SHOW PARKING ZONES
- Resident
  - Select Your Parking Permit
    - Resident
    - Commuter
    - Faculty & Staff
    - Fitness Center (UFC patrons only)
    - Visitor
    - Disability
    - All
SAMPLE PARKING ZONE SIGNS
SAMPLE HANGTAGS: Remove when driving and parked off-campus
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SAMPLE DECALS

Motorcycle/Moped

Bicycle
PARKING FEES FOR PERMITS EXPIRING 8/31; ZONE ENFORCEMENT

Vehicles
• $120/$80/$40 if purchased in fall/spring/summer
• Same charge for additional permits

Motorcycles/Mopeds
• $60/$40/$20 if purchased in fall/spring/summer
• Same charge for additional permits

Bicycles
• No charge for bicycle permit

Zone Enforcement
• 7:30 am to 5:30 pm, Mon thru Fri