



# *2013 ALAPA Awards*

## *Distinguished Leadership Award for a Planning Student*

*This award recognizes a planning student for an outstanding paper or project while enrolled as full time planning student.*



# *2013 ALAPA Awards*

*Asma Shaikh*

*Auburn University Community Planning Program*

*“Parking Utilization Study for a University Town –  
The Case of Village Mall, Auburn, Alabama”*

*Nominated by Dr. Sweta Byahut, Assistant Professor in the Community Planning Graduate  
Program*



# *2013 ALAPA Awards*

## *Award for A Planning Student*

- Course:  
Transportation  
and Mobility
- Course  
Instructor: Dr.  
Sweta Byahut



**Project Site**



# 2013 ALAPA Awards

## Award for A Planning Student

### Objectives:

- To analyze current parking situation with supply and demand.
- To provide recommendations to the existing problems.
- To provide a new study, for future proposals in the area. complimenting the Renew Opelika Road project

**Study:** Part of nodal development study.

**Location:** intersection of East University Drive and Opelika Road, Auburn, AL.





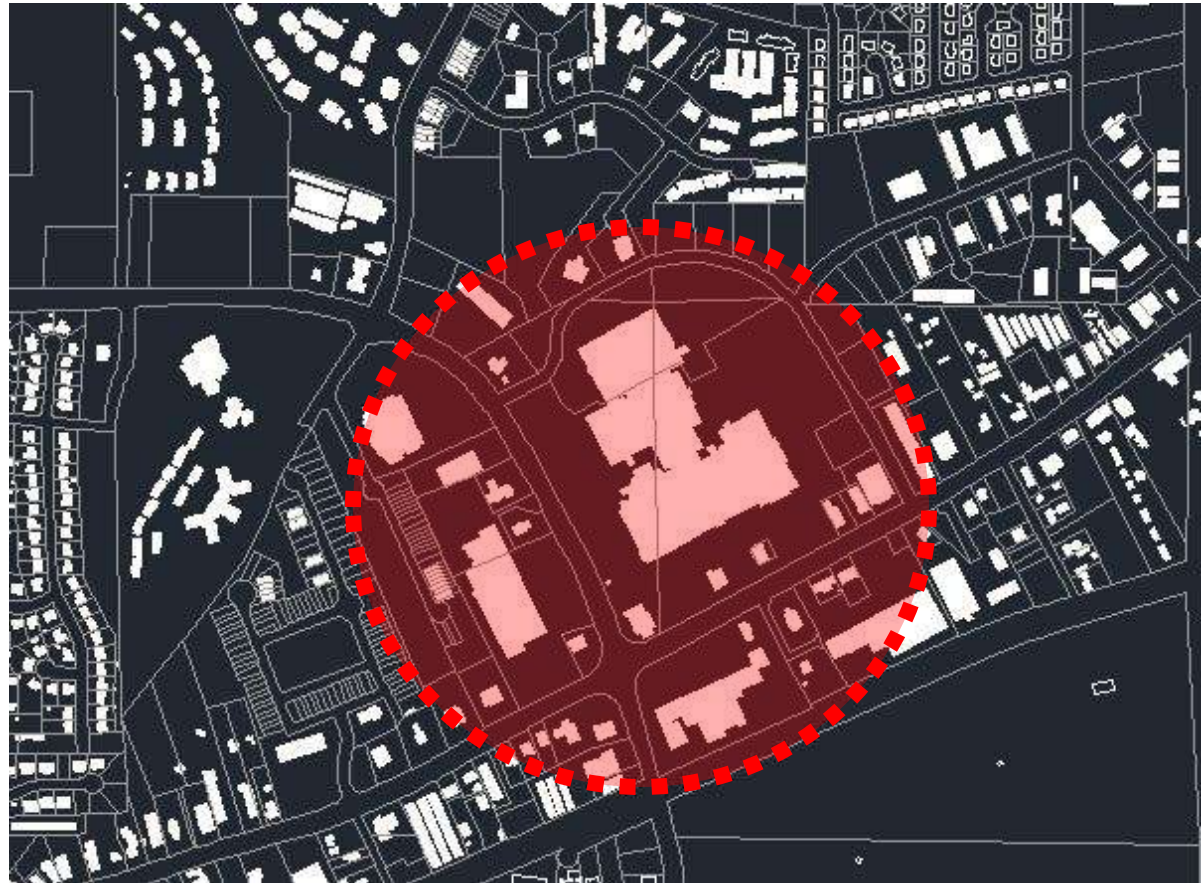


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## *Award for A Planning Student*

### Problems:

- Abundant parking promotes car ownership and use.
- Large dead parking lots discourage “walkable urbanism”.
- It encourages low density development patterns urban sprawl and deteriorating central cores.
- Large parking frontages discourage community presence.

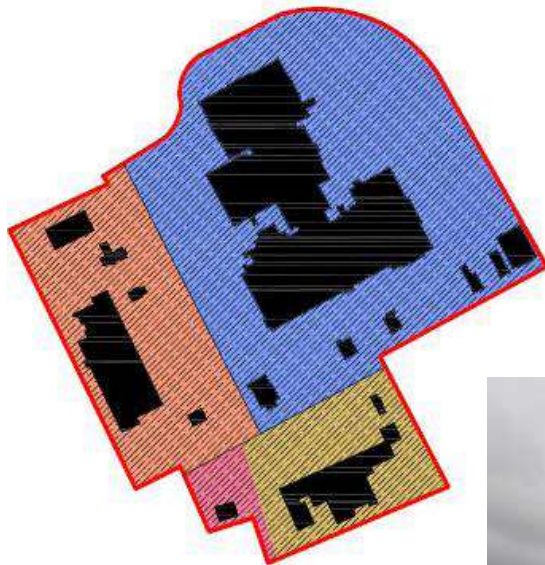








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### Analysis:



-  Zone 1- The Village Mall
-  Zone 2- Kmart
-  Zone 3- Earthfare Plaza
-  Zone 4- CVS



-  Bank
-  Clinic & Doctor Offices
-  General Retail
-  Restaurants- Fast Food
-  Restaurants- Not Fast Food
-  Retails Goods
-  Shopping Center/Mall
-  Vacant

### Analysis



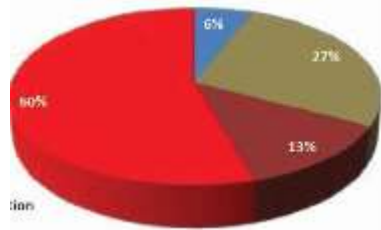




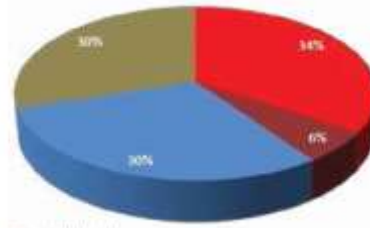
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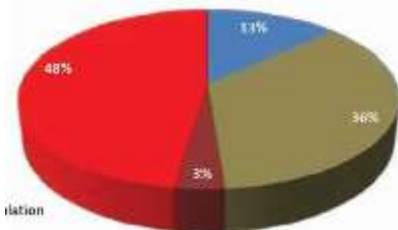
### Land Area Analysis



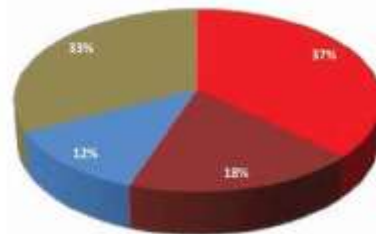
Zone 1- The Village Mall



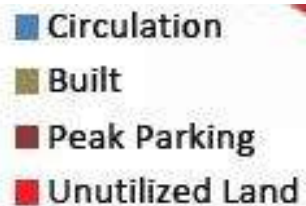
Zone 3- Earthfare Plaza



Zone 2- Kmart



Zone 4- CVS



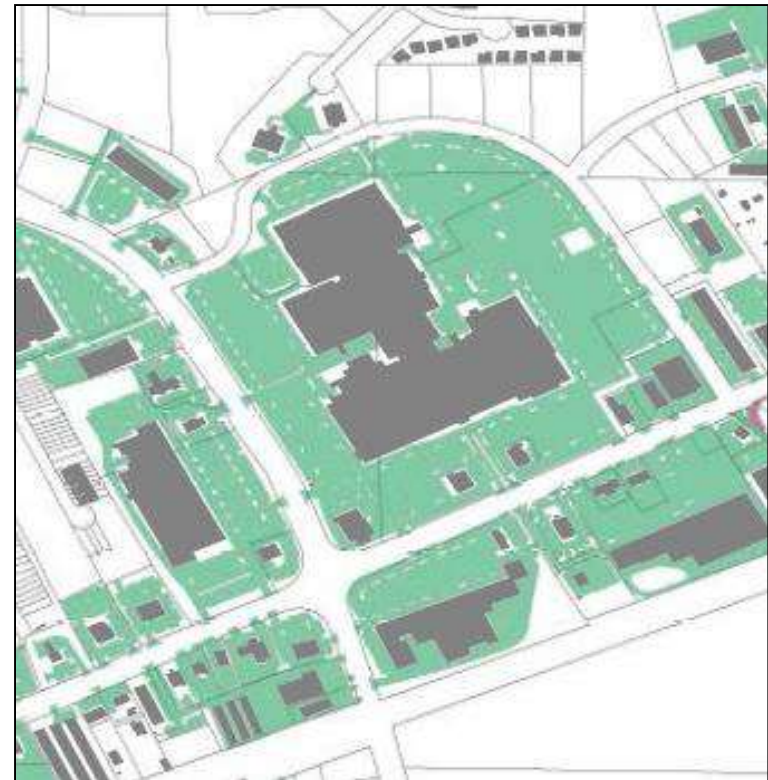


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### Key Findings

- Parking fringes are vacant throughout the year contributing to waste of urban space. Study shows less than 30% occupancy at all times
- Zoning ordinance parking requirements need to be regulated depending on parking demand and supply.
- Lack of beneficial landscape features, and excessive paved land contributes to unsustainable developments.
- Land area analysis explains clearly indicating lack of parking planning principles.



 Paved Area



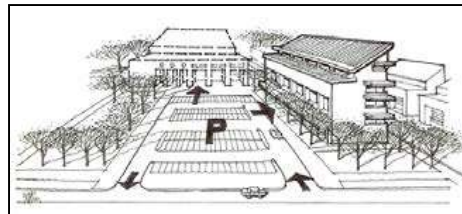


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### Recommendations

1. **Dual purposes uses**
  - Weekend Markets
  - Public space- Parks
  - Tailgating
  - Food trucks
2. **Infill Development**
3. **Shared Parking**
4. **Expanding travel choices**
5. **Amendment in the zoning ordinance**
6. **Adopt sustainable measures**





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