

# EAST OF THE COOPER STADIUM BRIEF TO CAROLINA PARK

23 March 2017



# BACKGROUND

- 6,000 seat stadium originally planned and approved at site on Wando Campus
- Regional stadium concept developed to maximize tax dollars and give our student athletes quality facilities
  - Estimated cost avoidance of \$50 million across district
- 2017-22 sales tax referendum passed in Nov 2014
  - “Construction and equipping of new shared high school stadium for East of the Cooper”
- Four sites considered
  - Carolina Park preferred option

PARK AVENUE BOULEVARD

TO WANDO HIGH SCHOOL

CENTER FOR ADVANCED STUDIES

HORIZONTAL SCALE

1" = 100'

# CONCEPT VIEW FROM BEHIND HOME BLEACHERS

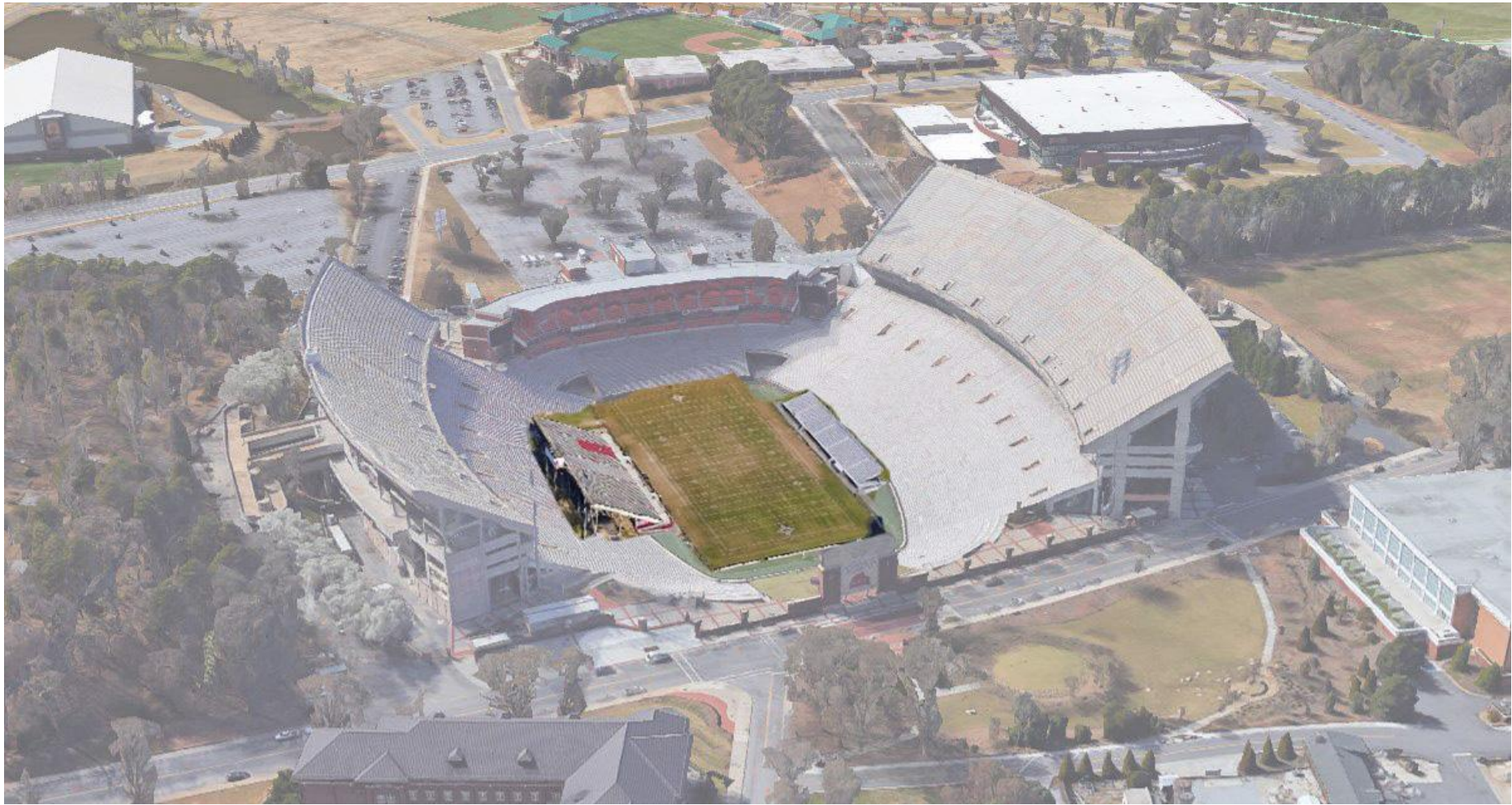


# CONCEPT VIEW FROM SOUTH END ZONE



# IN PERSPECTIVE

6,000 seat stadium inside Clemson Stadium



# RESIDENT CONCERNS

- Parking
- Traffic
- Pedestrian safety
- Lights
- Noise
- Operations

# PARKING

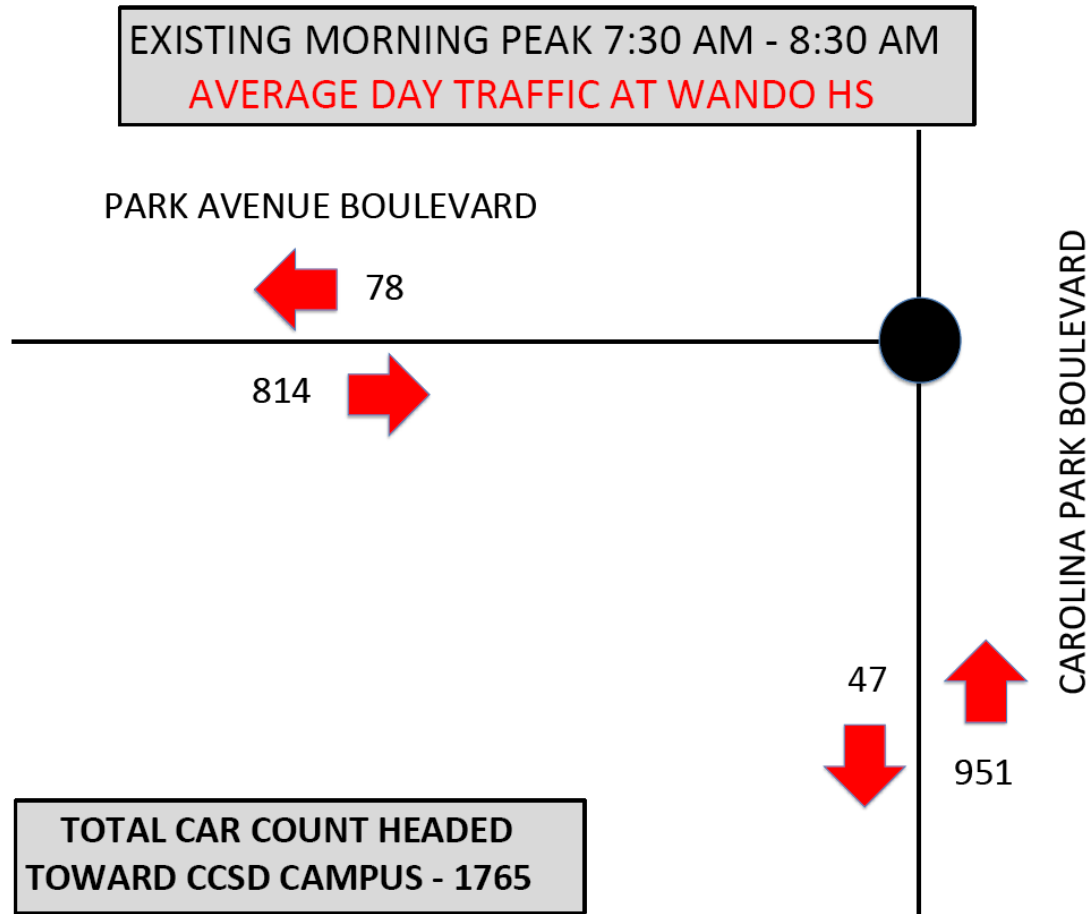
- Need parking for 1,500 cars (1 for every 4 guests)
- Average attendance = 4,000 guests = 1,000 cars

| Location                 | No. of Spaces |
|--------------------------|---------------|
| Stadium                  | 376           |
| Wando CAS                | 224           |
| Wando                    | 1596          |
| Carolina Park Elementary | 154           |
| <b>TOTAL</b>             | <b>2350</b>   |

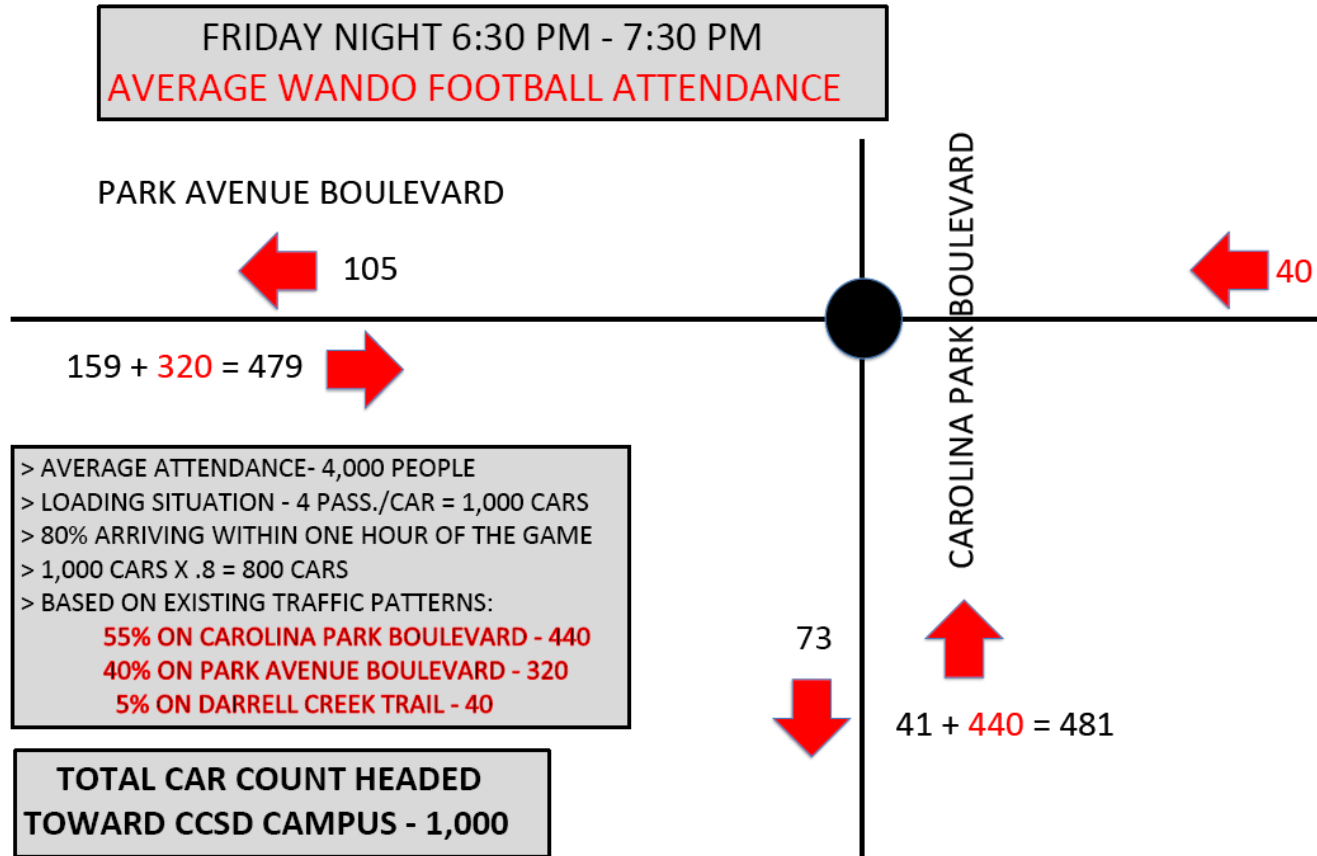
# TRAFFIC

- Analysis completed by Ridgeway Traffic Consultant
- Hourly count for three days at three locations
  - Carolina Park Blvd before reaching Wando
  - Carolina Park Blvd between traffic circle and housing
  - Park Ave Blvd before traffic circle
- Projected stadium traffic on Carolina Park Blvd before reaching Wando as worst case

# TRAFFIC

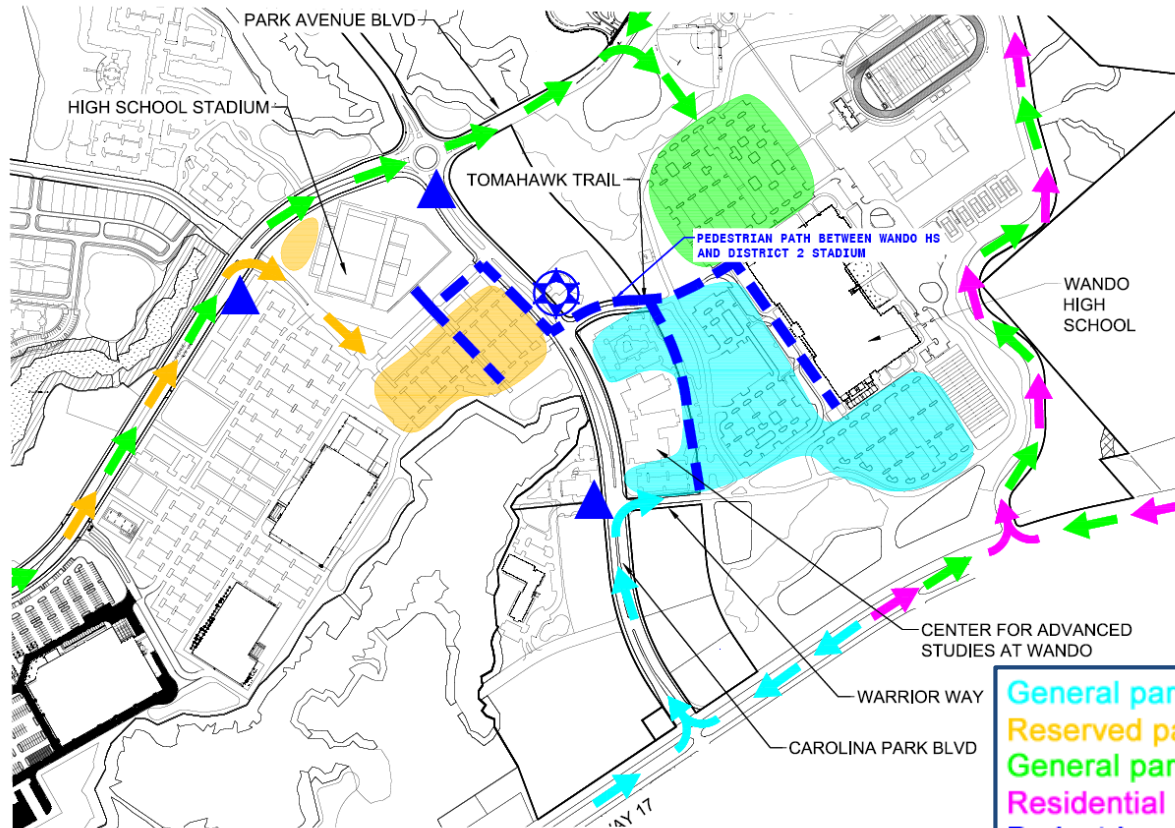


# TRAFFIC



# PEDESTRIAN SAFETY

- Vehicular game traffic will be diverted from Carolina Park Blvd before crosswalk
- Security will coordinate crossing before and after game



With existing traffic count, only 41 cars pass the crosswalk during the peak hour

General parking from US17 to Blue Lot  
Reserved parking from HWY 41 to Orange lot  
General parking from US17 or HWY 41 to Green lot  
Residential alternate route  
Pedestrian path

# LIGHTS

- Lights designed to minimize “spill over” similar to Old Wando



# NOISE

- Home bleachers not facing toward housing
- Evaluating different system layouts to minimize off-stadium sound
- Example shown with scoreboard mounted speakers in north end zone

40dB - 50dB Ambient level residential areas  
50dB - 60dB Ambient level commercial areas  
60dB - 70dB Conversation voice level  
70dB - 80dB Speak-up voice level  
80dB - 90dB Cheering crowd noise, loud music  
90dB - 100dB Very loud crowds, very loud music  
Each increase of 10dB sounds twice as loud



# OPERATIONS

- No alcohol or smoking on school grounds
- No increase in crime expected
- Night games are typically over by 9:30 pm (Mt Pleasant curfew is 12:00 am)
- Clean-up will be done immediately after the game
- Routine use
  - Aug-Nov: varsity and jv football games
  - Mar-May: boys/girls varsity and jv soccer