

# McCormick Road Corridor Pedestrian Safety

Concerns over congestion and conflict along McCormick Road go back to at least 2007, when a study was commissioned to address problems in Central Grounds

Another study was completed in 2014 to address similar problems in West Grounds

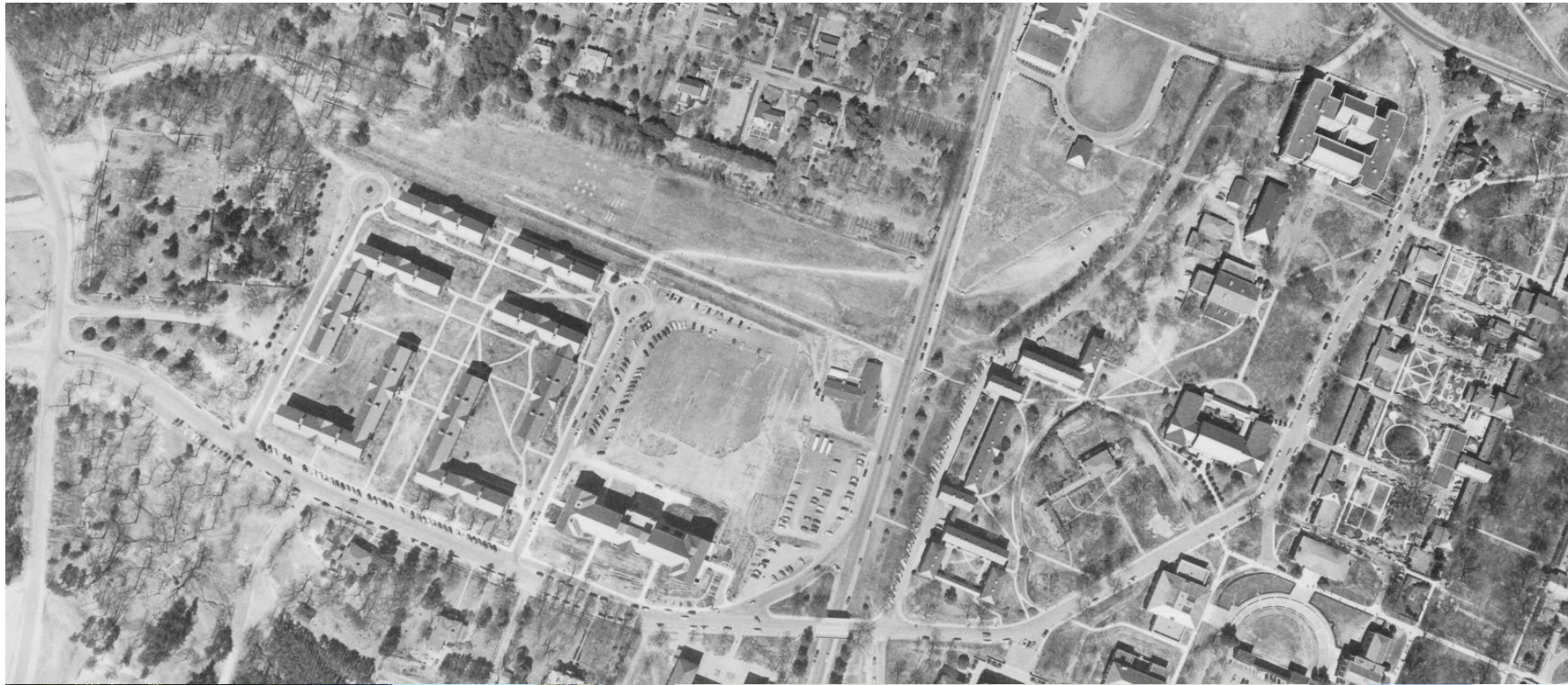
More recently, an analysis was completed for the entire corridor with mode counts taken:

- *Within a 15 minute period (class change), over 1,000 pedestrians negotiated a single station in West Grounds and another 640 at a station in Central Grounds*
- *At the same time, dozens of bikes/scooters and vehicles negotiated the same stations*
- *Vehicle control gates have been non functioning for 3 years*
- *Alarmed at the chaos, UPD dispatched crossing guards*





# McCormick Road Corridor Pedestrian Safety



1950's Aerial



1950's: Elizabeth Taylor & John Warner



Today



1950's

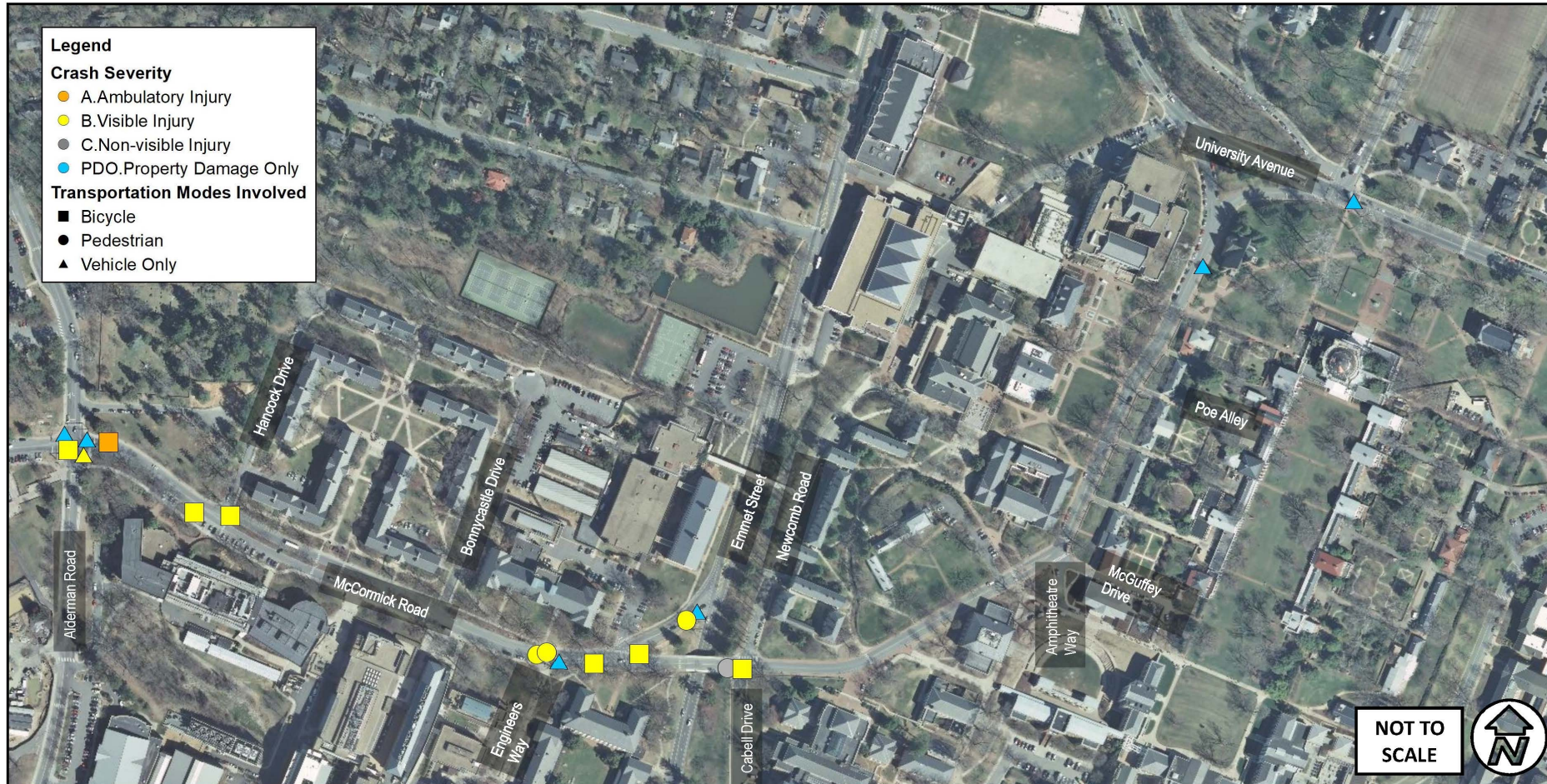


Today



# McCormick Road Corridor Pedestrian Safety

## Accident locations 2013-2018



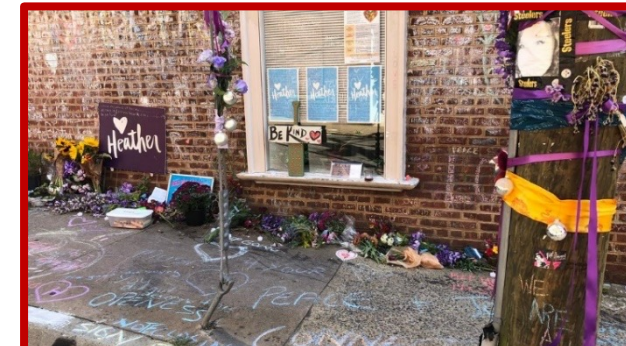
Kimley»Horn

McCormick Road Pedestrian Operations Review  
University of Virginia

Crash History  
(2013-2018)

Figure  
3

## Risk of intentional harm.....





# McCormick Road Corridor Pedestrian Safety

## BACKGROUND/TIMELINE

**2007 – Concept plan for McCormick Rd through Central Grounds completed by Kimley Horn**

**2011 – Sidewalks widened along West Range**

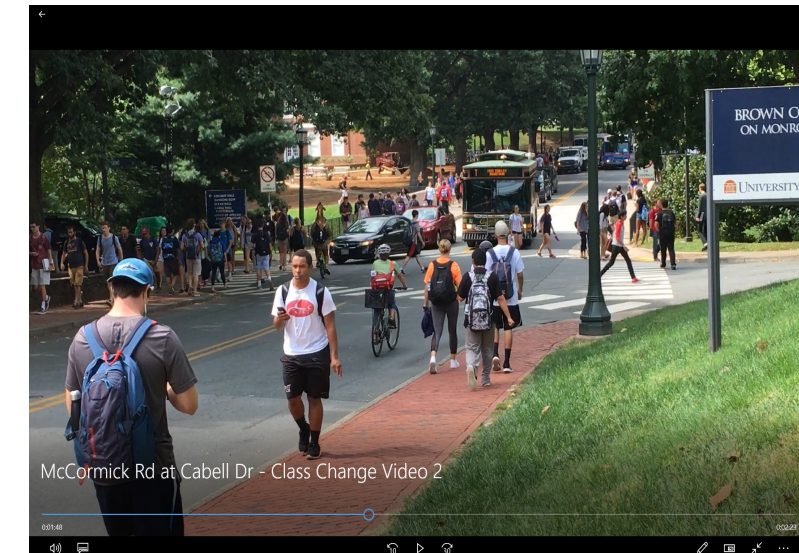
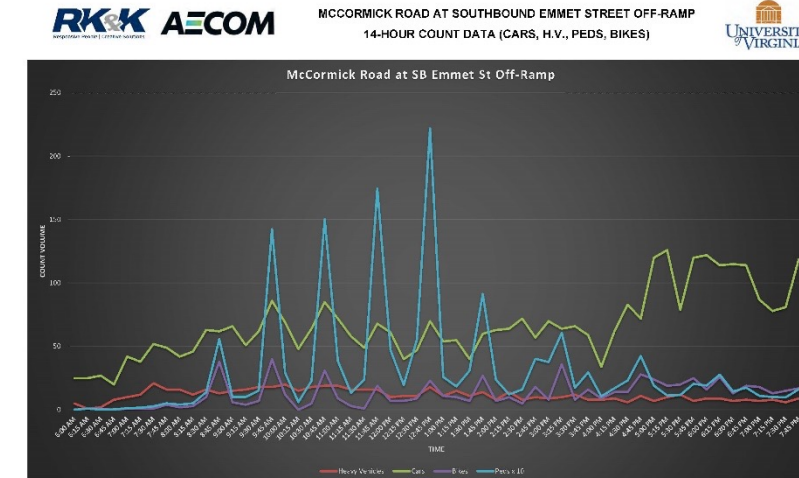
**2014 – Concept plan for McCormick Road through West Grounds completed by AECOM/RK&K**

**2017 – Pedestrian/bike safety study of McCormick Rd-Emmet St ramp completed by VHB**

**2018 – Safety & Security Committee alarmed by video of McCormick-Cabell Drive intersection at class change**

**2019 – Kimley Horn conducts Pedestrian Operations Review and makes recommendations for near-term**

**2020 – Planning for pedestrian safety improvements underway in Central Grounds with VDOT paving project**

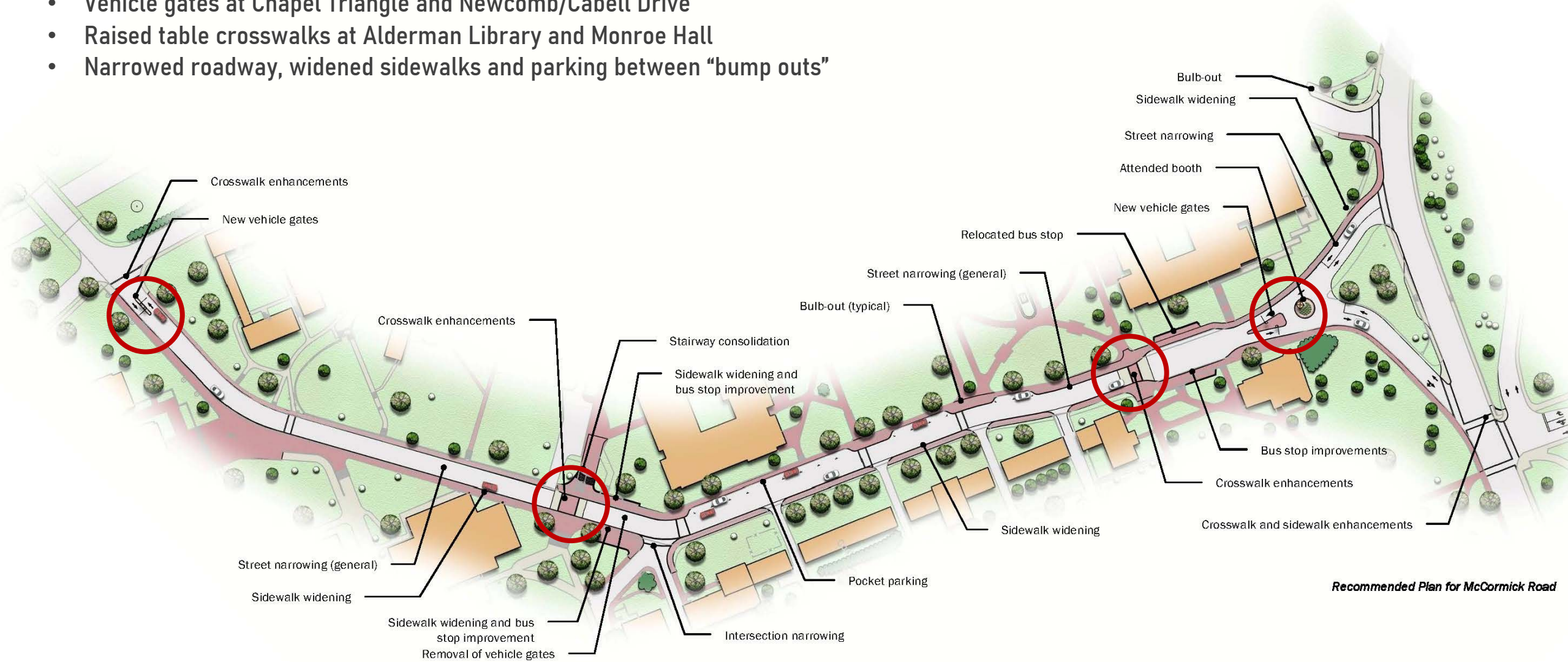




# McCormick Road Corridor Pedestrian Safety

## Kimley Horn 2007 Plan for McCormick Road through Central Grounds:

- Vehicle gates at Chapel Triangle and Newcomb/Cabell Drive
- Raised table crosswalks at Alderman Library and Monroe Hall
- Narrowed roadway, widened sidewalks and parking between “bump outs”



*Recommended Plan for McCormick Road*



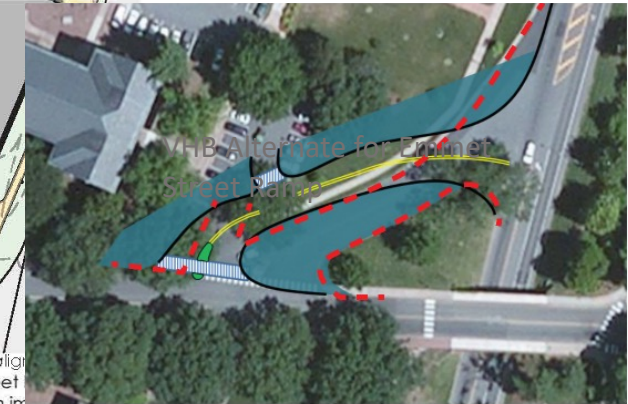
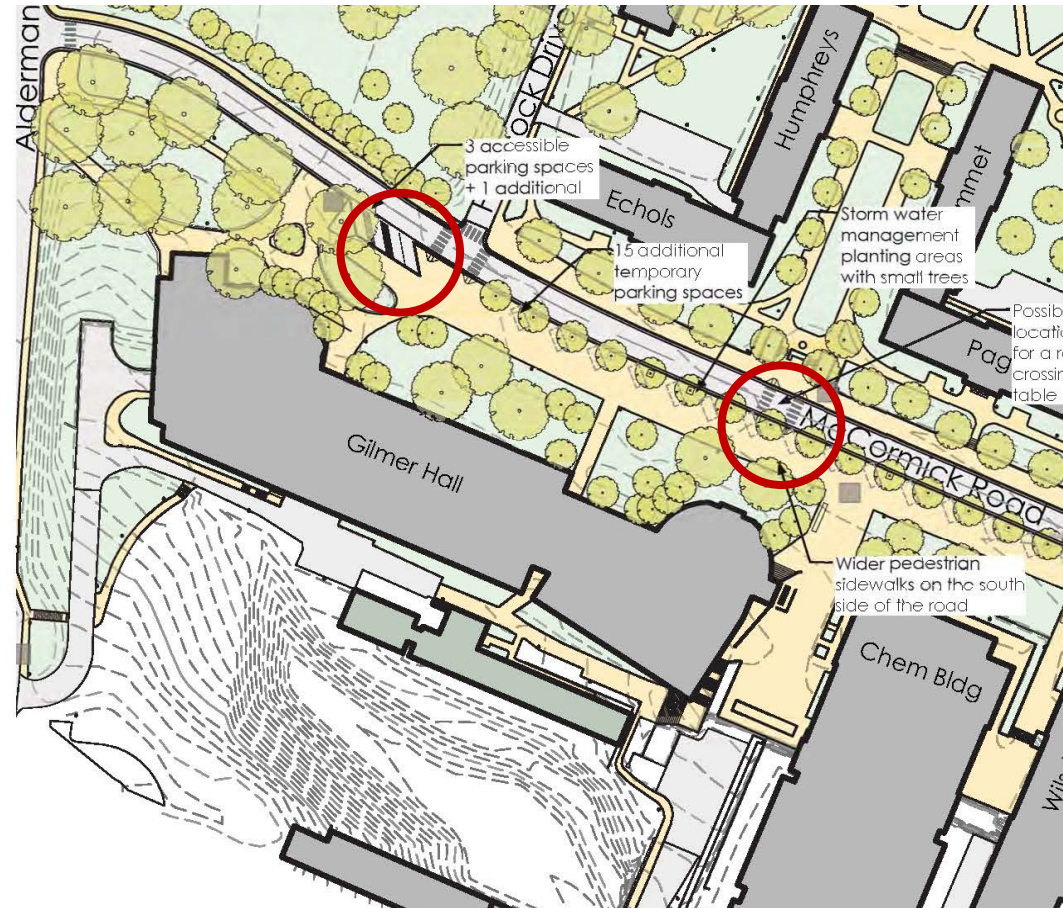
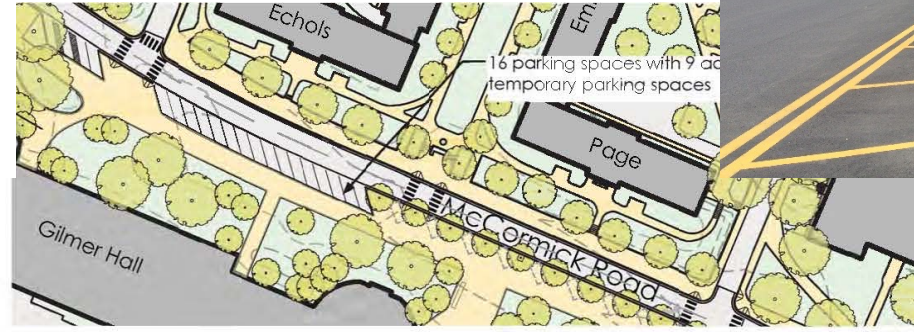
# McCormick Road Corridor Pedestrian Safety

## AECOM/RKK 2014 Plan for McCormick Road through West Grounds:

- Narrow roadway; widen sidewalks, especially on south side
- Modify intersection at Emmet ramp
- Relocate vehicular gate to Bonnycastle
- Raised table crossing at Gilmer
- Reduce on street parking



Uncontrolled vehicular movements







VHB concept for ramp intersection

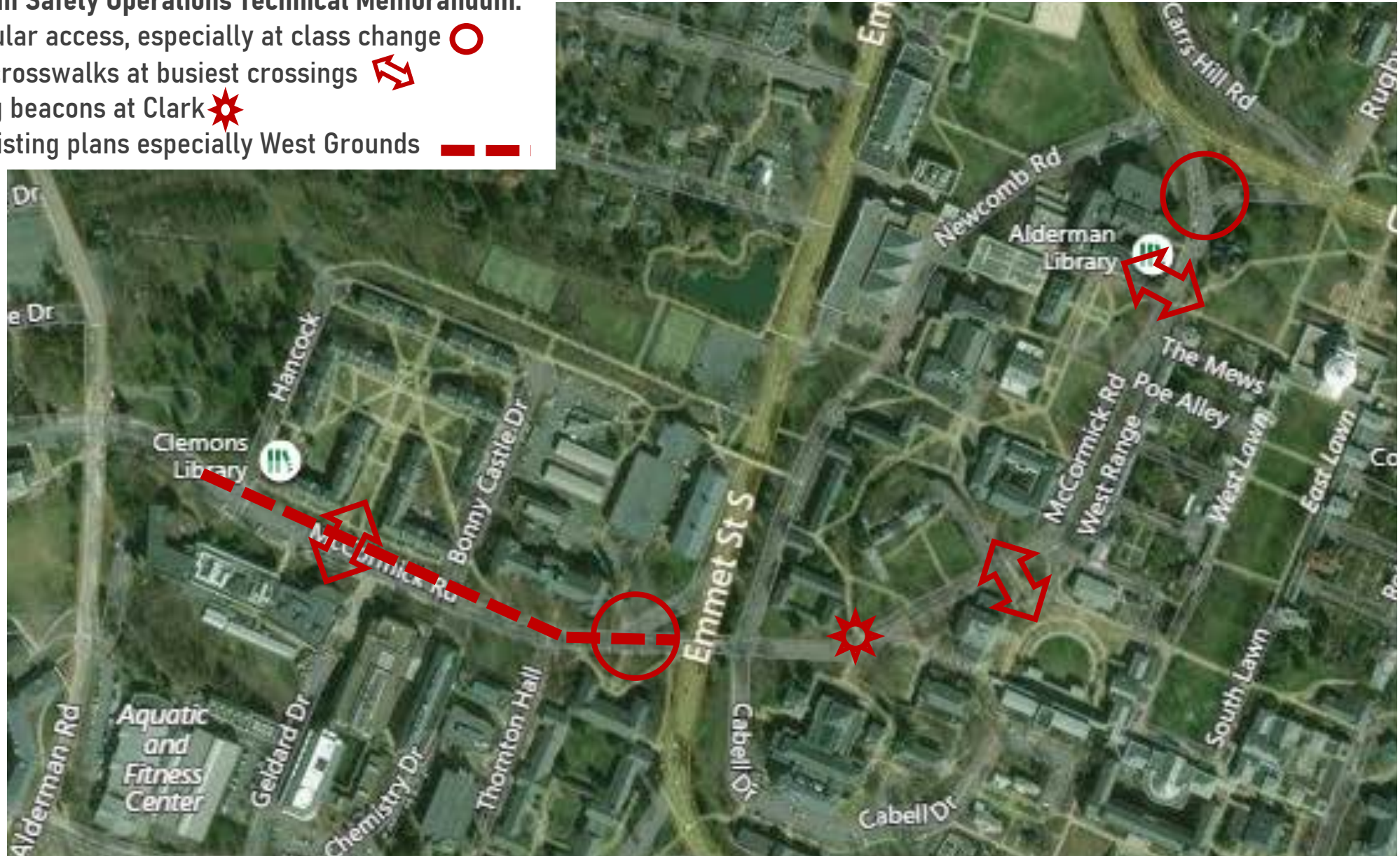
AECOM concept plan: insert for required clinic parking



# McCormick Road Corridor Pedestrian Safety

## KH 2019 Pedestrian Safety Operations Technical Memorandum:






- Control vehicular access, especially at class change 
- Raised table crosswalks at busiest crossings 
- Rapid flashing beacons at Clark 
- Implement existing plans especially West Grounds 



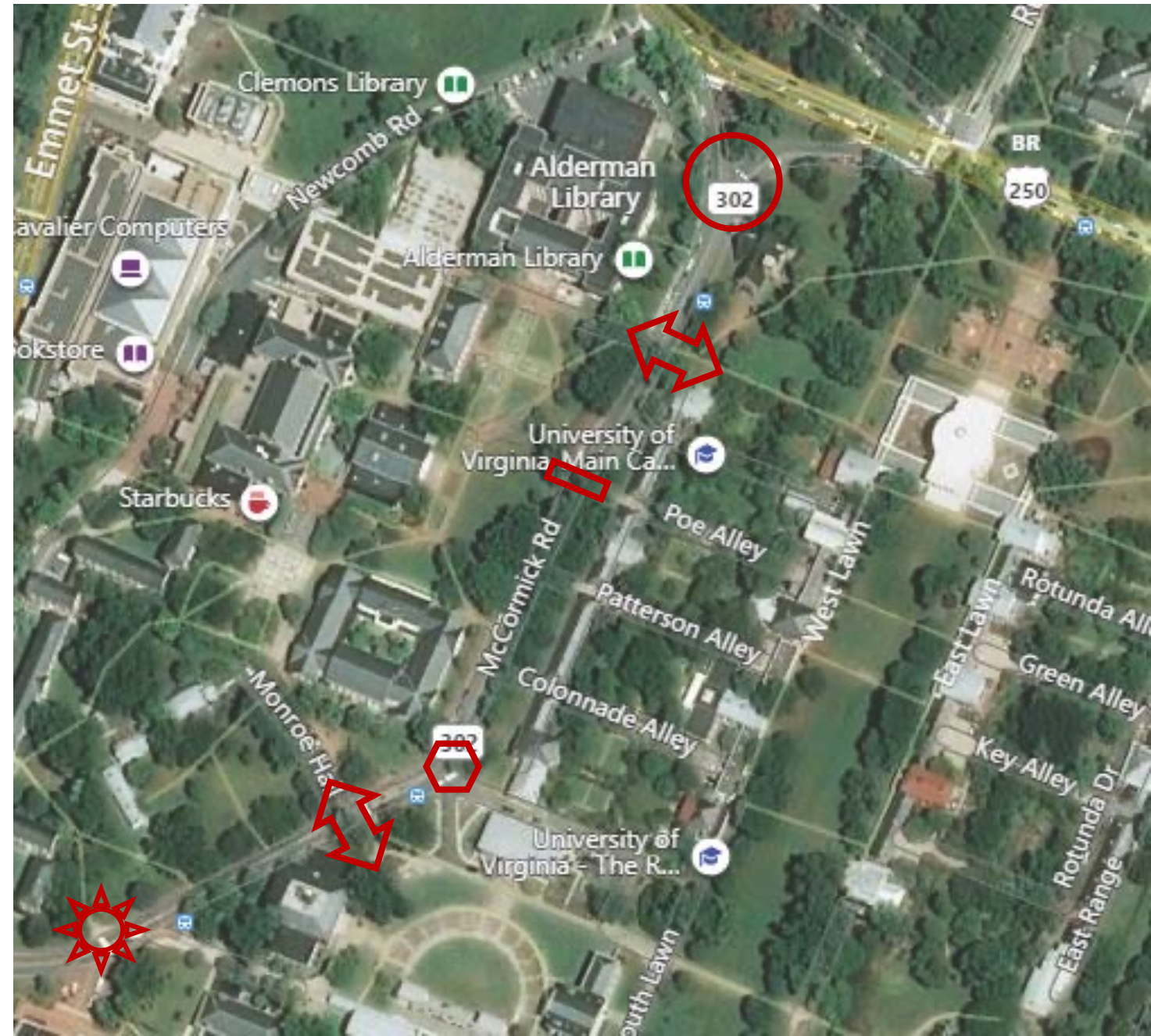


# McCormick Road Corridor Pedestrian Safety

## 2020 Pedestrian Safety Improvements w/ VDOT paving project:

- Code compliant curb cuts, typical of all
- Raised tables crosswalks 
- Additional at-grade crosswalk 
- 3-way stop at Garrett Alley 
- Rapid flashing beacon at Clark crosswalk 
- Pursue "smart gate" technology at Chapel Triangle 

*Should a western gate be implemented?*





# McCormick Road Corridor Pedestrian Safety

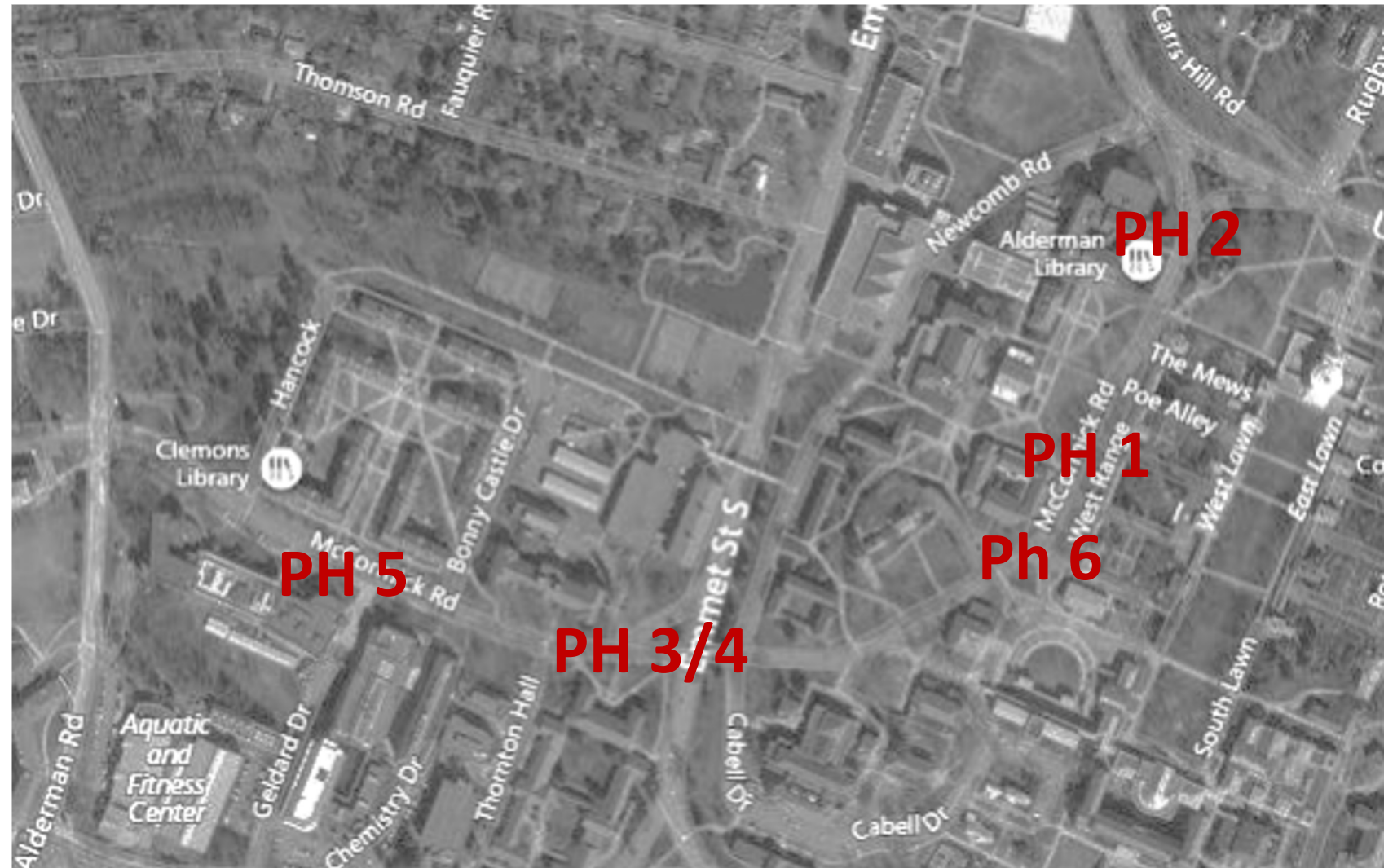
*What is the long-term vision for McCormick Road to best serve the University community?*

## Next steps:

- Establish Working Group to establish goals for corridor
- Group to include representatives from President's Office, EVP-COO Office, Provost, P&T, OAU, FM, Student Council, S&S, UPD
- Promote existing plan proposals to increase safety
- Consider long-term potential for shared street/pedestrian mall, for McCormick Road through Central Grounds

## Potential phasing:

1. McCormick through Central Grounds with VDOT paving project (current project)
2. Gates at Chapel Triangle
3. Gates and dynamic signage at Emmet ramp/Cabell Drive
4. Reconfigure intersection of Emmet ramp/McCormick Dr
5. Implement AECOM plans for McCormick Rd west
6. Transition McCormick Rd through Central Grounds to a pedestrian only corridor





# McCormick Road Corridor Pedestrian Safety

*What is the long-term vision for McCormick Road to best serve the University community?*



University of Texas at Austin Speedway Mall



Purdue University 3rd Street



James Madison University Madison Drive



Virginia Commonwealth University Shafer Court Plaza



# McCormick Road Corridor Pedestrian Safety

*What is the long-term vision for McCormick Road to best serve the University community?*



University of Minnesota Church Street Pedestrian Mall



Stanford University Serra Mall



# McCormick Road Corridor Pedestrian Safety

*What is the long-term vision for McCormick Road to best serve the University community?*



Florida State University Student Life Mall

