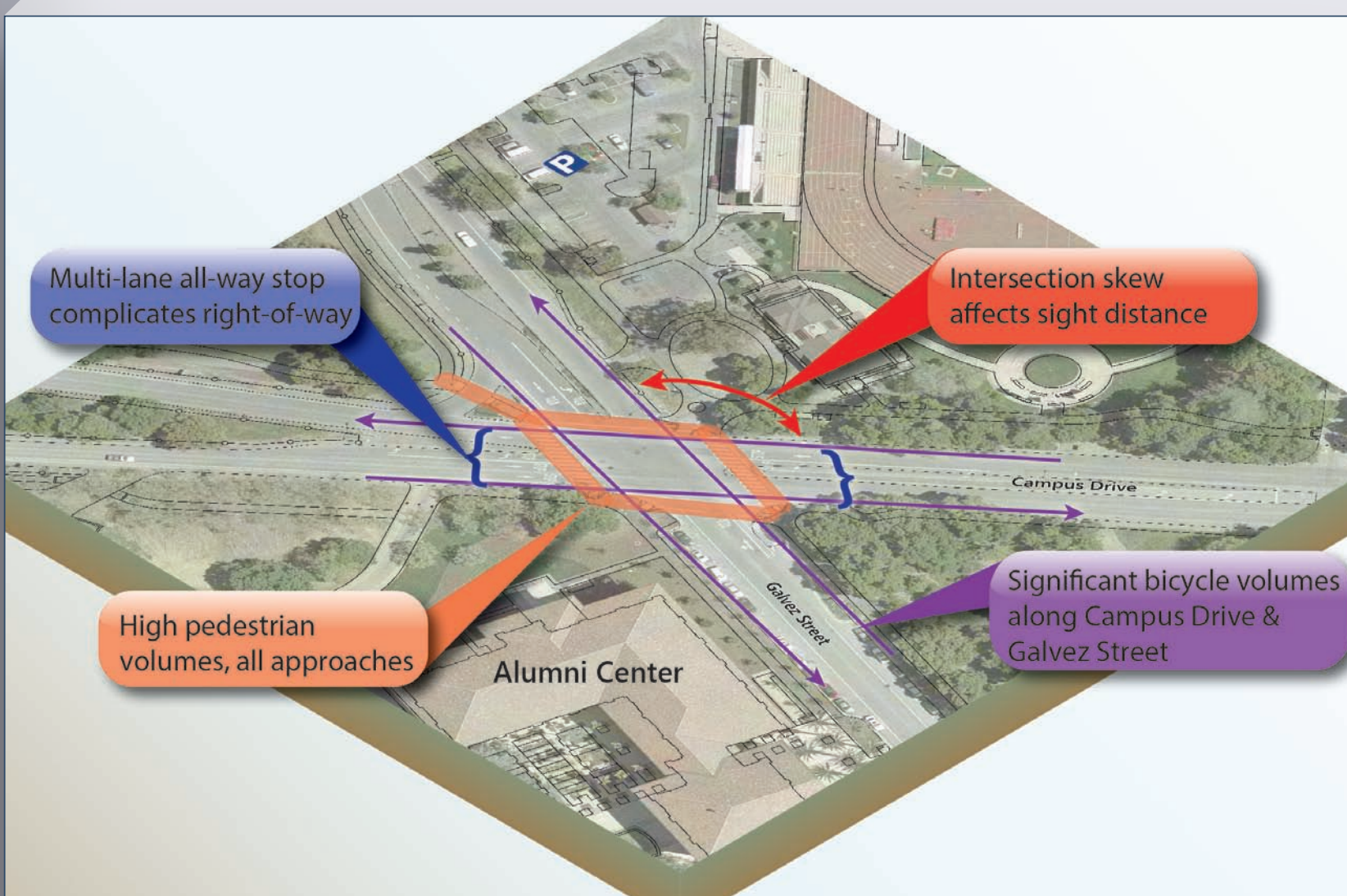
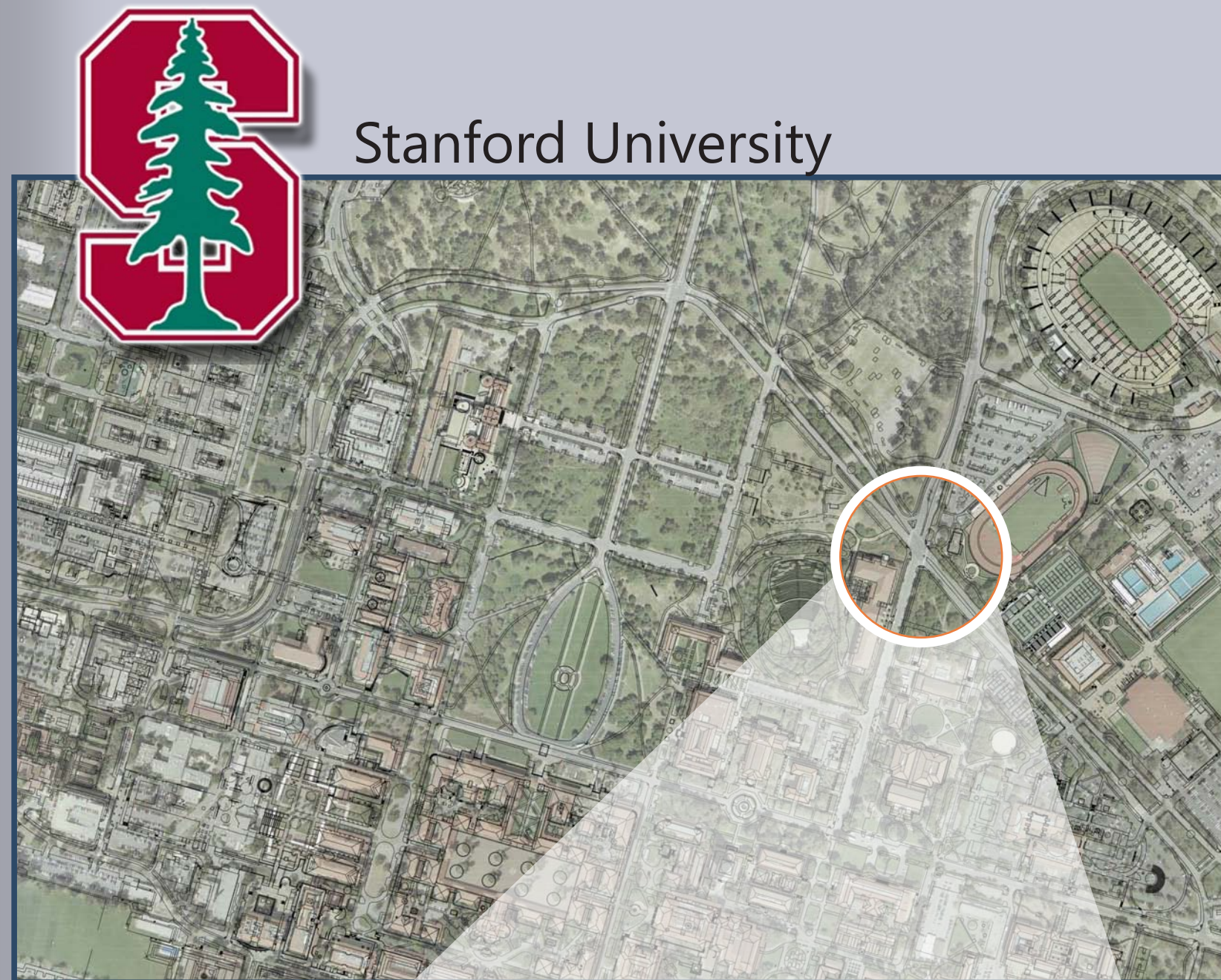


The Problem



Campus Drive/Galvez Street

Multi-lane all-way stop complicates right-of-way

Intersection skew affects sight distance

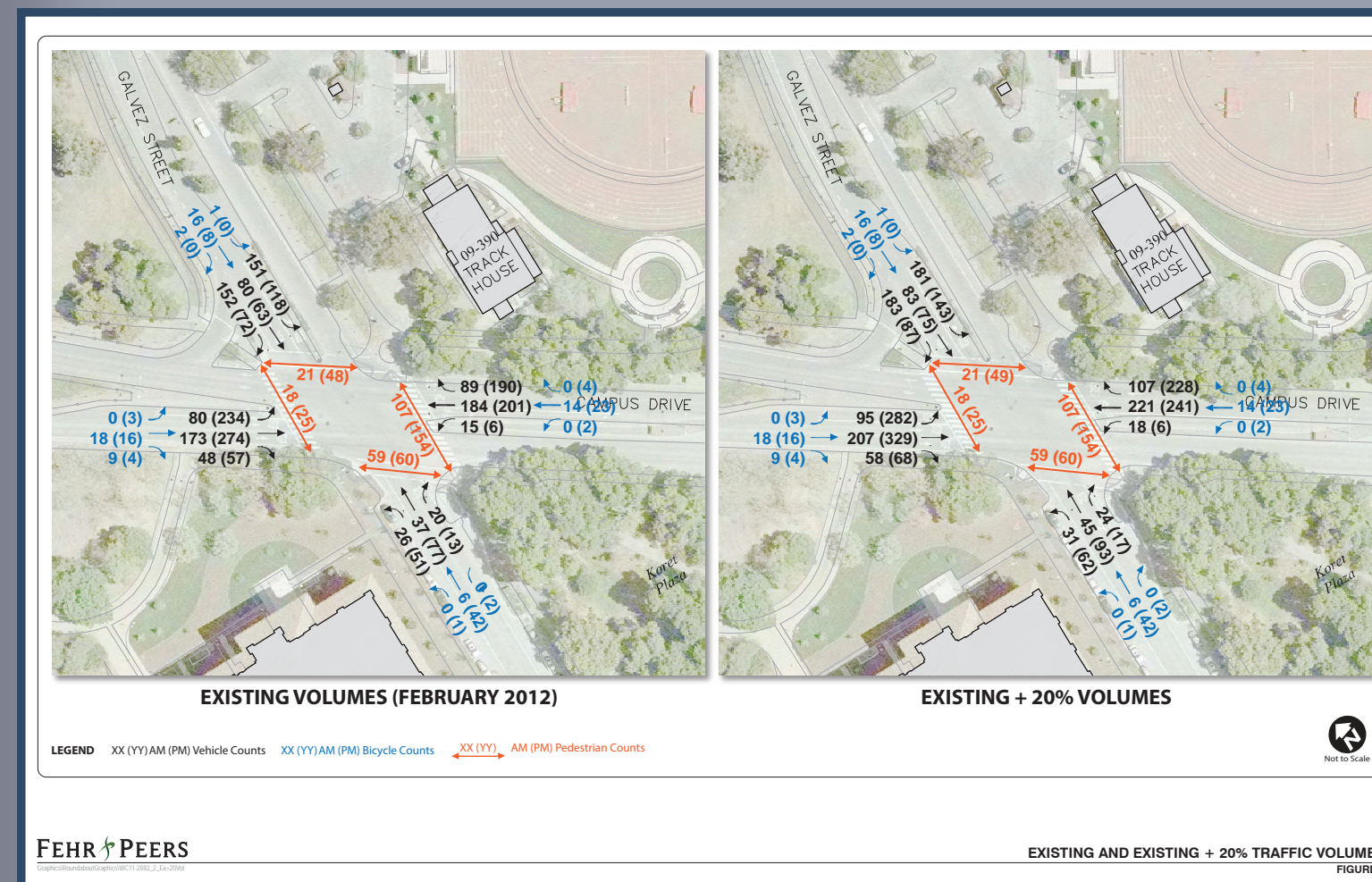
High pedestrian volumes, all approaches

Alumni Center

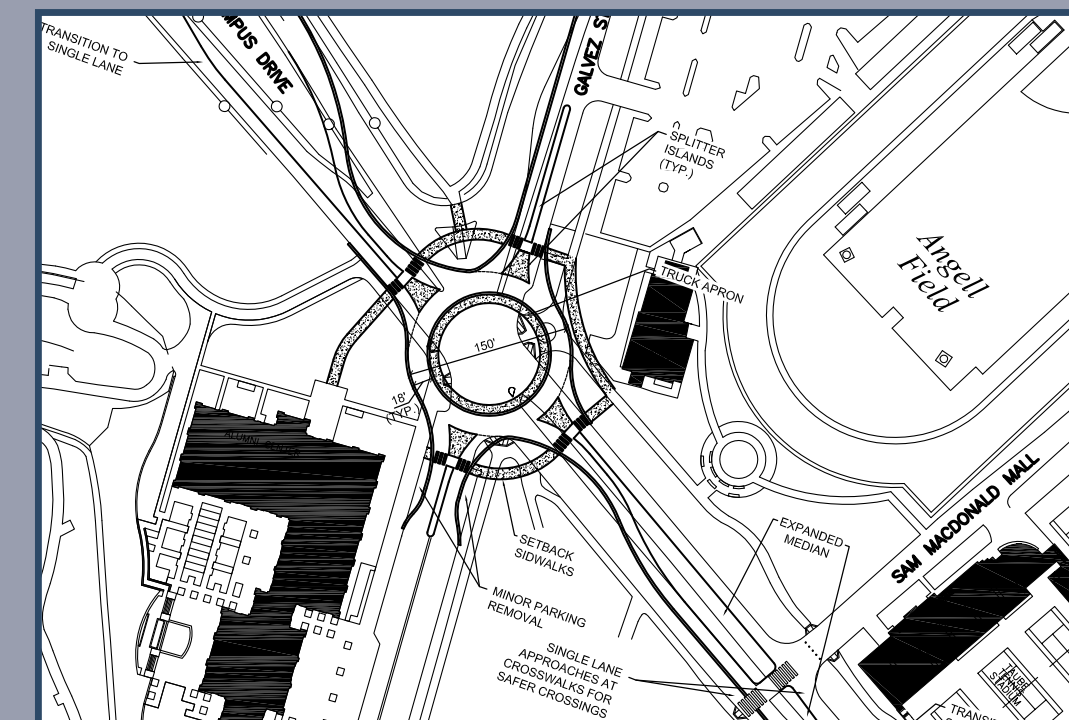
Significant bicycle volumes along Campus Drive & Galvez Street

Key Analysis Steps

Alternatives Evaluation

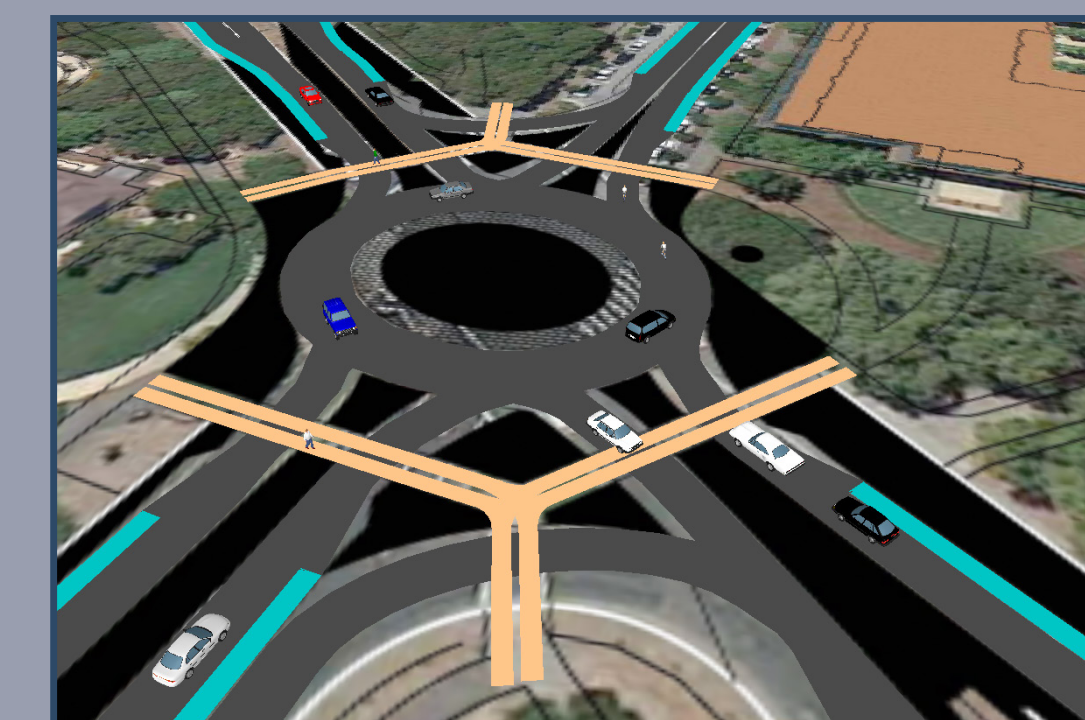


Concept Design



Initial Fehr & Peers layout

Simulation with VISSIM



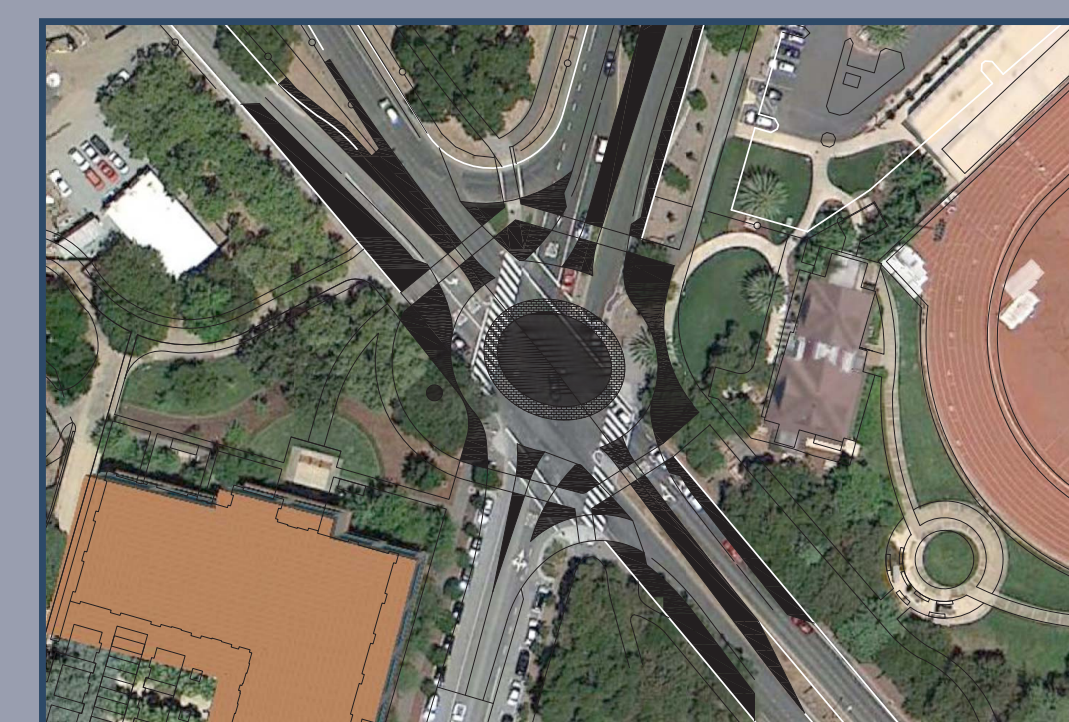
AM Peak Hour



PM Peak Hour

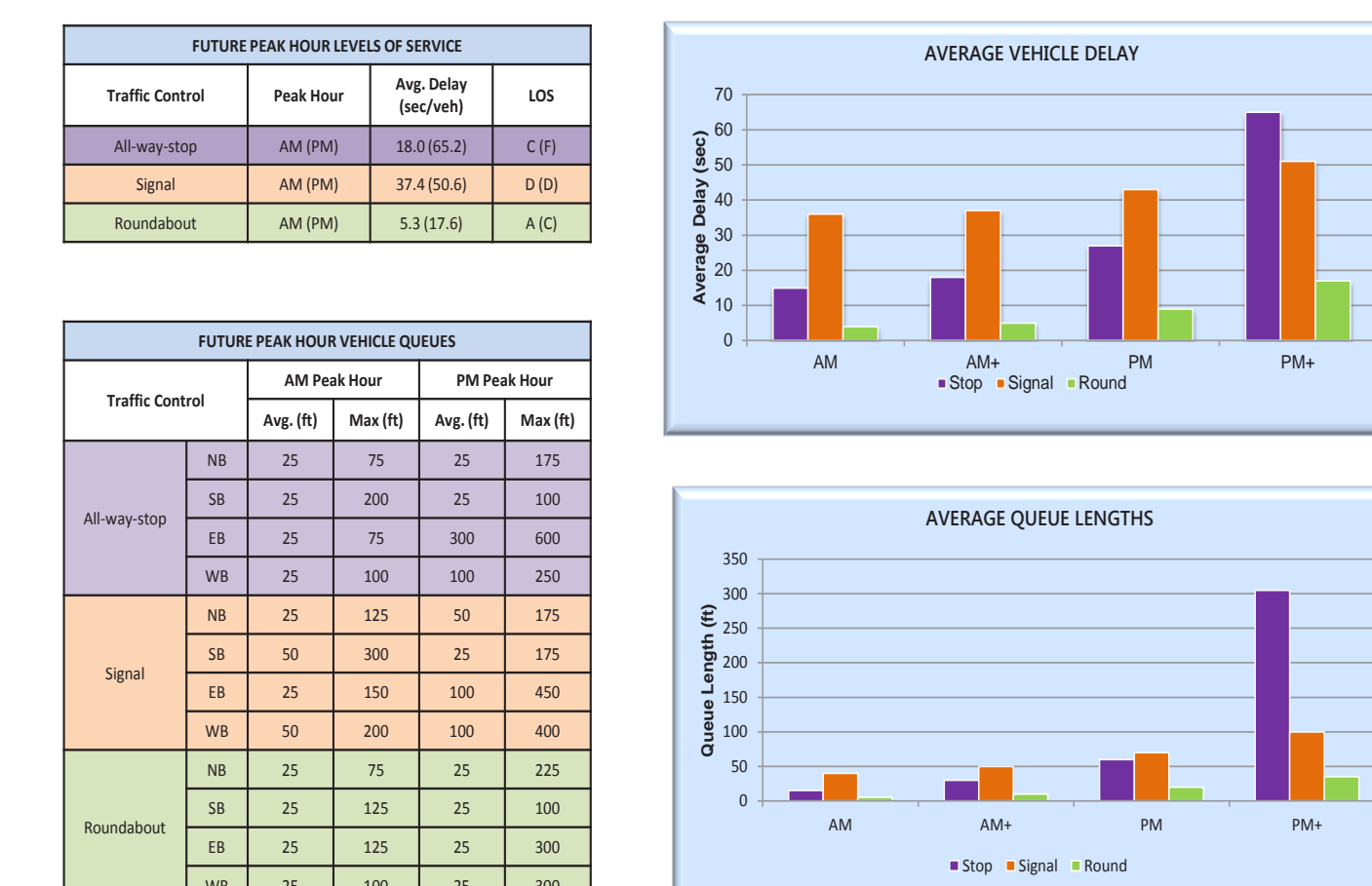


Football Game Days

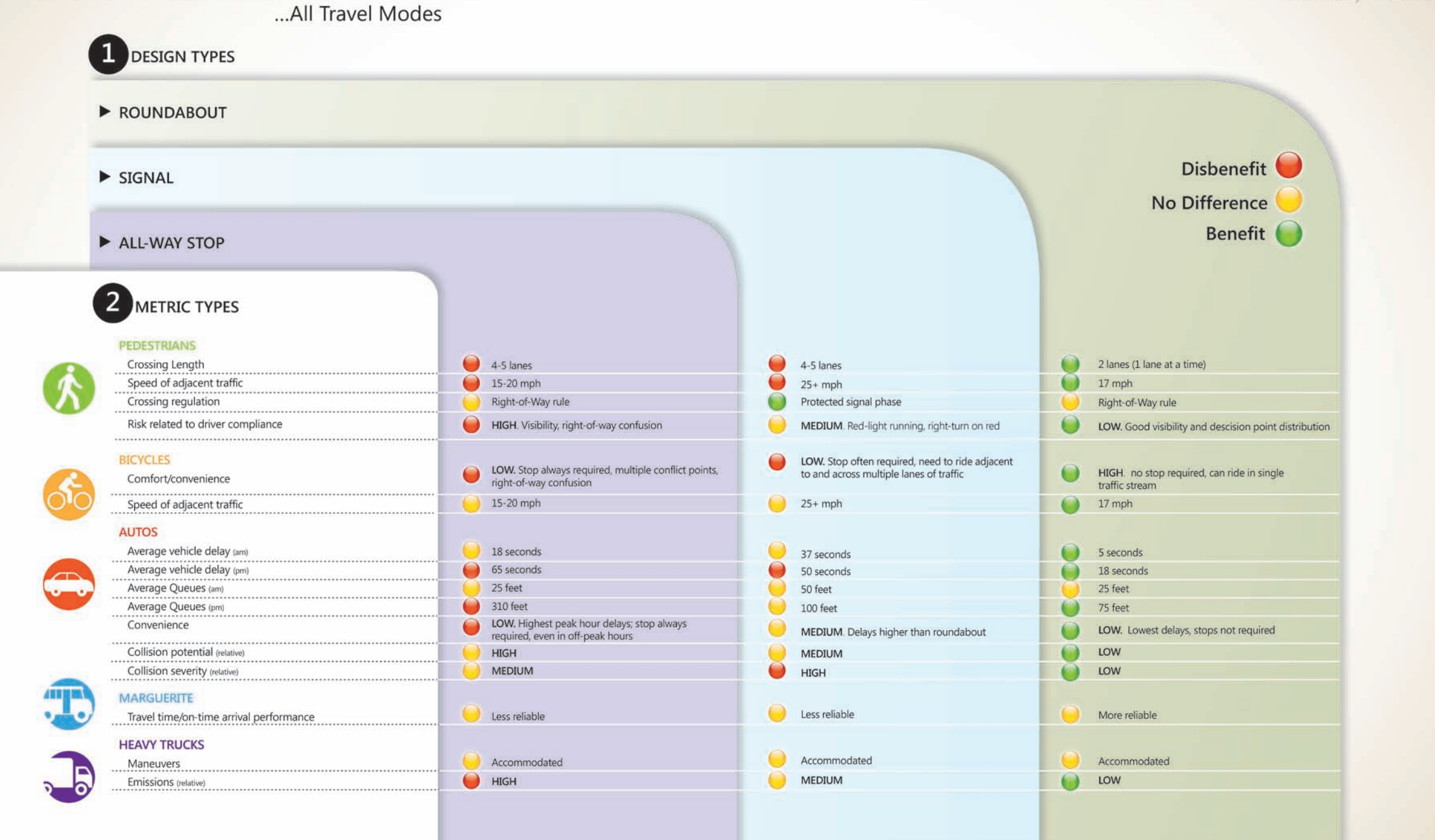


Refined with Michael Wallwork

Campus/Galvez Operations Comparison



A DESIGN COMPARISON...



Outcome Decision Process:

Pros:

- Improve safety
- Reduce vehicle & bike delay
- Improve visitor experience at a key campus

Cons:

- High-profile location to try first campus roundabout
- Higher concentration of visitors here than at some other potential roundabout locations
- Risk breakdown on football game days

University Conclusion:

The first campus roundabout should be installed at a lower-volume location that is not as critical to serving peak event traffic flows.