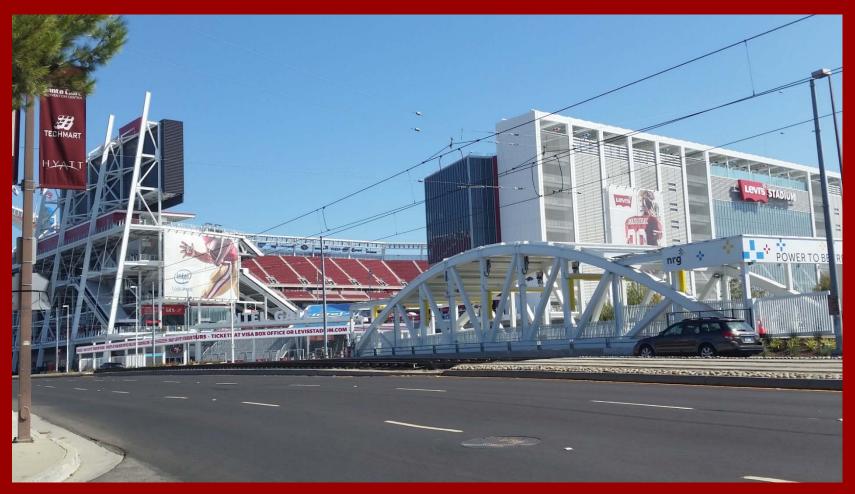
Levi's Stadium Traffic Operations

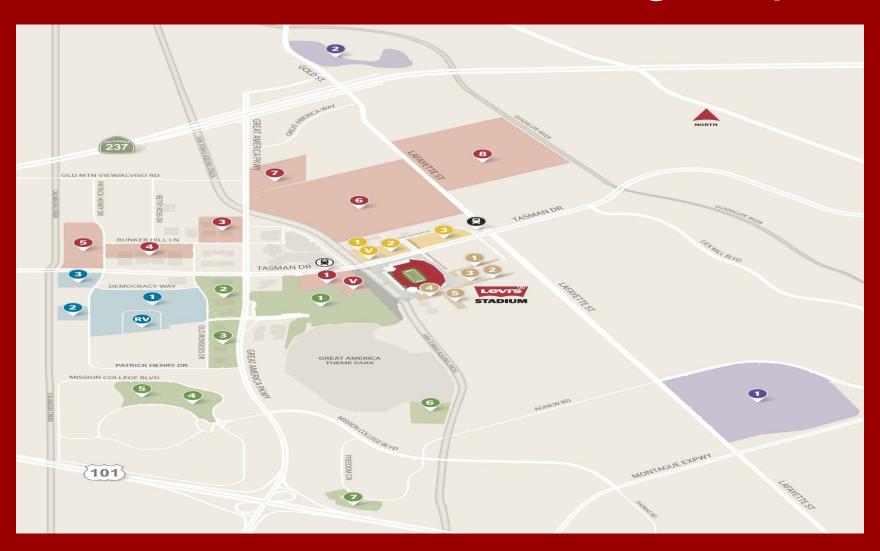


Prepared By: Dennis Ng, City of Santa Clara Brian Sowers, Kimley-Horn

Area Map



Levi's Stadium Parking Map



Traffic Signals



Traffic Operations Goals

- Pre-event: No performance goal, minimize delay for vehicles into the stadium
- Post-event goal: Last vehicle out under 2 hours with ultimate goal of 1 hour 30 minutes after event ends (down from approx. 3 hours at Candlestick)

Game Day Operations

Stadium Command Post

Coordination

- Law Enforcement
- Fire Department
 - Fire Station 10
- Parking Management
- Off-site Security
- Transit

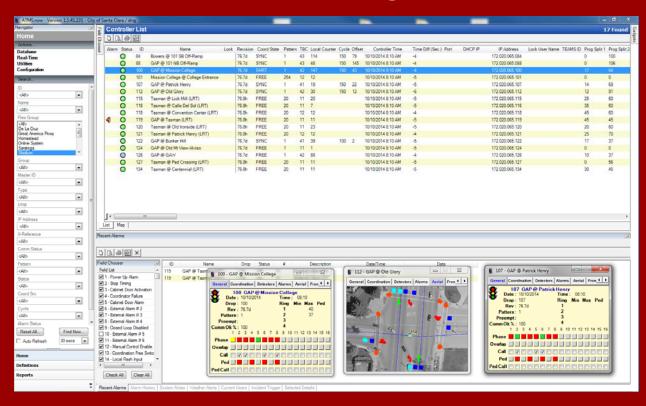
Game Day Operations

- Traffic control limit ingress and egress routes and movements
- Manually deploy signal timing plans
 - Coordination in some groups
 - Alternate free timings
 - Provide extended pedestrian times
 - Restrict pedestrian movements
 - Omit specific signal phases with lane closures
- Wayfinding Portable CMS sign messaging
- Monitor and adjust operations
- Pre-paid parking route information

Game Day Operations Traffic Control



Game Day Operations Traffic Signals

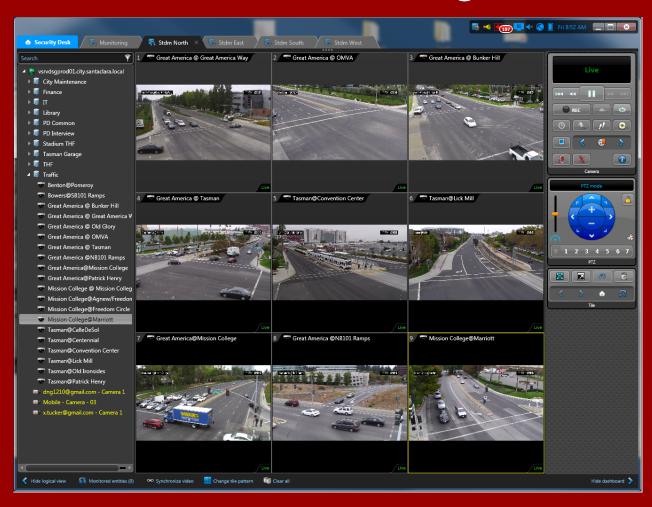


 Event timing plans deployed as early as 3-4 hours before event and until parking lots clear – started with 3 pre-event and 2 post-event plans

Game Day Operations Portable CMS



Game Day Operations PTZ Camera Management



Competing Needs & Challenges

- Pedestrians
- Light Rail
- Buses
- Cars
- Non-event traffic
- Traffic control

- Parking loading
- Opening of stadium
- Police control
- Lack of capacity in some areas



Experiences & Lessons Learned

- Event Days are Fluid and Fast Paced
- Event Patron Characteristics
 - Arrival/Departure
 - Patterns and Rates vary
- Infrastructure
 - Freeways
 - Pedestrians





More Lessons Learned

- Informational Signs
 - Permanent CMS
 - Wayfinding
 - Pedestrian
 - Trailblazer
- Signal Operations
- Expectations



Season Summary

- Traffic control and routing changed over 10 times
- Traffic projections revised several times
- Implemented 11 timing plans:
 - 6 ingress plans (3 weekend plans and 3 weeknight plans)
 - 5 egress plans (high cycle length nearly 7 minutes long 410 seconds)
- Primary Goal Achieved!!

Egress empty time:

- Started around 2 ½ hrs at first event
- Down to just over 1 hr to below 1 ½ hrs for most events

Recommendations for Event Attendees and Public

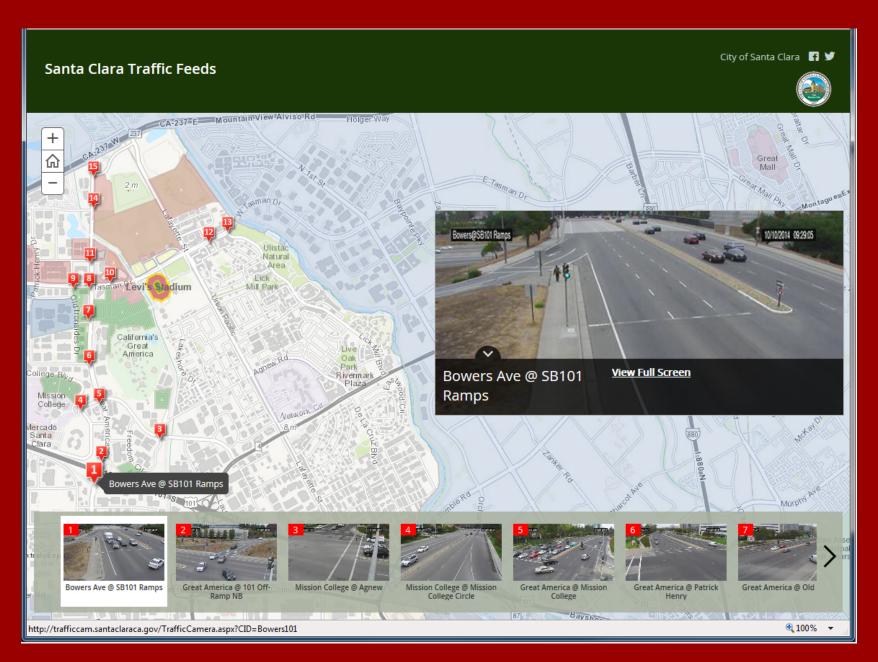
- 1. Plan Your Day /Arrive Early
- 2. Follow Directions on Parking Pass
- 3. When in the Stadium area, follow PCMS messages
- 4. Be Patient at Egress



Additional Recommendations for Attendees and Public

- Sign up with Nixle messaging for notifications at: http://scpd.org/index.aspx?page=2619
- 2. Event Day comments or concerns: neighbors@levisstadium.com
- 3. Use Public View of Santa Clara Traffic Camera Feeds:

http://santaclaraca.gov/TrafficCam



Questions?

