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Stadium Lighting, Sound & Use

Lighting

- Lighting design for the stadium field will be at three levels of intensity:
 - Game day: 125 foot-candles
 - Practices: 60 foot-candles
 - Security and maintenance: 20 foot-candles
- On the west side of the stadium, light fixtures illuminating the playing field would be mounted at the new press box in a horizontal array. On the east rim four poles are proposed with fixtures in a vertical array, approximately 120–130 feet above the playing field, comparable to the height of the temporary lighting system now used for televised games.
- Path lighting for the plaza atop the Student Athlete High Performance Center would be from multiple sources. These may include lighting integrated into new stairs, walls, and benches, and lights at each building entry.
- Maxwell Family Field lighting would be taller than it is now, due to the changed elevation of the field. The number of poles and the height of the lighting arrays above field level are expected to remain unchanged.

Sound

- Event noise at the stadium comes from several sources, including the sound system, the crowd, bands, and traffic.
- The current sound system uses single-direction speakers on poles that encircle the field and broadcast up and across spectator seating.
- The proposed new system would project sound into the stadium, rather than outward, with one speaker or group of speakers per seating section and level. Where no structure exists to house new speakers at the top of seating sections, speakers would be mounted on poles.
- An alternative, but not currently the preferred option, is to broadcast sound to the entire stadium from a single cluster of speakers in one location (typically in one end zone or atop the press box).

continued



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Use

- California Memorial Stadium today is in use from 6 a.m. to 10 p.m. seven days a week for instruction and practice, scheduled athletic programs, scheduled intramural athletic and recreational events, official university ceremonies, educational and cultural activities, and other public-service events.
- Capacity uses of the stadium typically occur only at home football games, which are played up to eight times a year during the football season.
- The renovated and retrofitted stadium may be attractive for other capacity uses that serve the university or community (in addition to home football games).
- For purposes of analysis in the Environmental Impact Report on the Southeast Campus Integrated Projects, the proposed project assumes (in addition to home football games) an annual maximum of seven events, all scheduled for evenings or weekends, that might fill the stadium to capacity and entail the use of lights and/or the sound system.
- The existing use of the stadium includes 1) lighting at “practice” levels between 6 a.m. and 10 p.m. and 2) use of amplified sound at times between 8 a.m. and 10 p.m. These uses would continue.