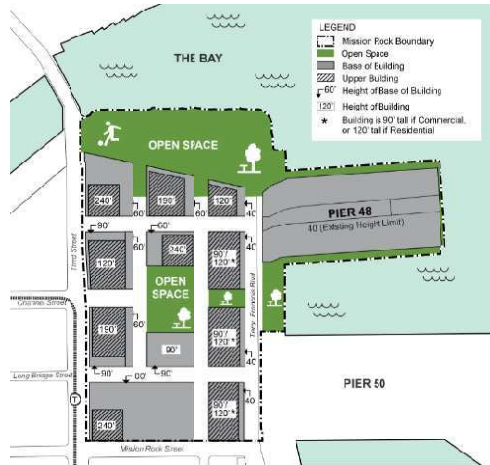


Case Study: Effect of Rideshare and Autonomous Vehicles On Parking Requirements in the Bay Area

San Francisco: Mission Rock

Abstract

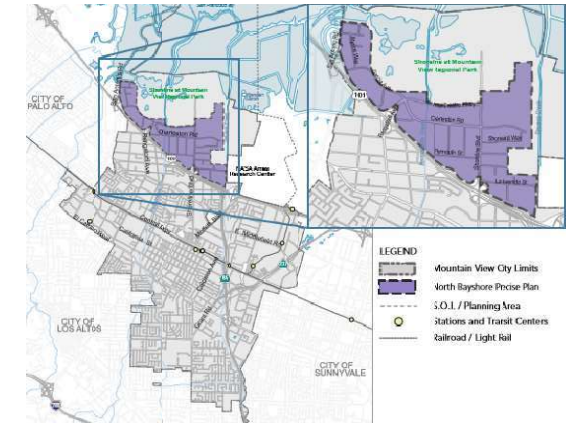
Mountain View: Mission Rock



Parking has become a major issue for people that own cars and it is not because of increased car sales. This has frustrated citizens and developers alike because there never seems to be enough parking when its needed and finding the space and resources necessary to provide sufficient amounts is becoming increasingly difficult. The objective of this report is to create more awareness of how rideshare and autonomous vehicles are affecting parking requirements imposed by cities. The world we live in can change very fast and in order to accommodate for these changes, we need to be planning our cities proactively. This paper will specifically reference two instances where cities accommodated for such inventions. This will provide more information on how rideshare and autonomous vehicles have affected the transportation market and the repercussions of these changes.

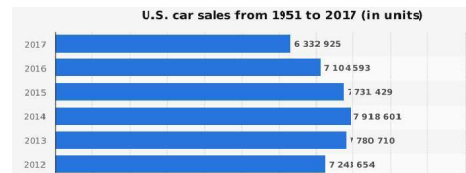
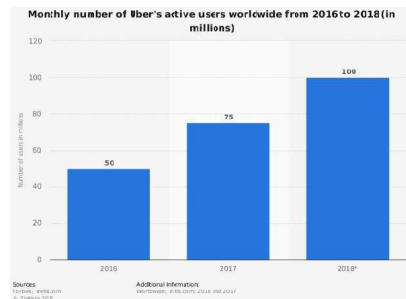
Key Words:

Rideshare, Autonomous Vehicle, Parking, Transportation, Requirements



Project Description:

- 1,500 new homes
- 8 acres of parks and open space
- Rehabilitation of Pier 48
- Zero Parking requirements for developers (only master developer)
- Parking maximums put in place
- 40% affordable housing



Project Description:

- Update to Specific Plan
- Setting a district wide single occupancy vehicle mode share target of 45%
- Eliminating minimum parking requirements and setting parking maximums
- Identification of key transportation infrastructure improvements to support SOV target and mode shift

Ryan MacIntosh
California Polytechnic State University
San Luis Obispo, CA