



# Planning & Transportation Commission

## Staff Report (ID # 12278)

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<b>Report Type:</b>	Study Session	<b>Meeting Date:</b> 5/12/2021
<b>Summary Title:</b>	Student Presentation and Discussion of Parking Data Mapping and Analysis Project	
<b>Title:</b>	Staff recommends the Planning and Transportation Commission (PTC) host a study session to discuss possible implications of parking data analysis provided by students at California State Polytechnic University, Pomona and to provide related feedback to the Office of Transportation about City of Palo Alto parking planning efforts.	
<b>From:</b>	Philip Kamhi	

### Recommendation

Staff recommends the Planning and Transportation Commission (PTC) host a study session to discuss possible implications of parking data analysis provided by students at California State Polytechnic University, Pomona and to provide related feedback to the Office of Transportation about City of Palo Alto parking planning efforts.

### Background & Project Description

Collaborating with the Office of Transportation, a group of Urban and Regional Planning students at California State Polytechnic University, Pomona have built spatial databases of the City's parking facilities using Geographic Information Systems (GIS) technology. The class features a mix of graduate and undergraduate students. The purpose of the class is to apply Geographic Information Systems (GIS) technology to study a real-world planning problem and address it with policy recommendations. The students must utilize geospatial analysis and data processing skills in the process.

The class has explored contributing factors to the utilization of City parking facilities by linking parking occupancy rate data (previously collected by the City and provided to the class) with a wide range of resident, employee, and business characteristics (data gathered and assembled by the students). The students will provide a 30-minute presentation. Students will be available

afterward for a question and answer session. Following the presentation, staff will lead PTC members in a discussion of the students' parking ideas and recommendations.