

MEMORANDUM

Date: March 13, 2020

Project #: 24703

To: Oregon State University

From: Phill Worth, Grace Carsky

Project: OSU Neighborhood On-Street Parking Utilization

Subject: Neighborhood Parking Utilization – February 2020 Update

OVERVIEW

The City of Corvallis (City) requested that Oregon State University (OSU) conduct an on-street parking utilization study within three areas controlled by the City's residential parking permit program. This memorandum summarizes the agreed upon data collection and resulting supply and measured demand.

DATA COLLECTION METHODS AND PERIOD

City staff directed OSU to collect one hour of on-street parking utilization data during a typical weekday while OSU was in normal session. The method of collection used video recording of all block-faces within each residential parking permit area, of which there are three. On-street parking occupancy was manually reduced from the video and entered into a Microsoft Excel spreadsheet. On-street parking supply data was obtained for each study area block-face from the Corvallis On-Street Parking Utilization Study that was completed in May 2016.

The City specified the hour of collection to occur between 11:00 AM and 12:00 PM. This hour was chosen, based on findings from the Corvallis On-Street Parking Utilization Study. This hour was found to represent the peak measured demand between the hours from 7:00 AM to 7:00 PM across the more than 7,200 parking spaces in the study area.

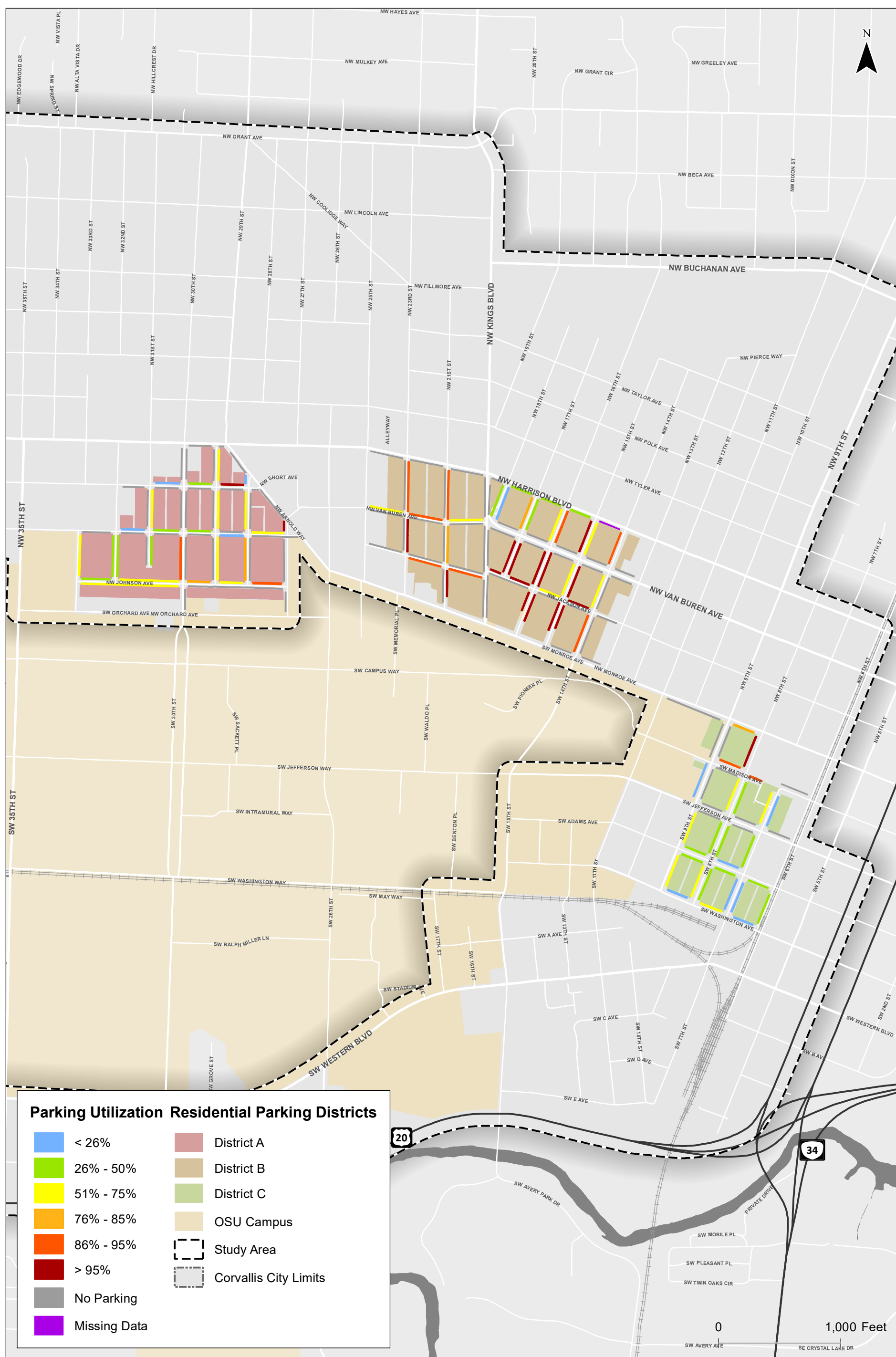
On-street parking utilization data was collected on Tuesday, February 4, 2020. This corresponded with the fifth week of Winter Term classes at OSU.

OCCUPANCY RESULTS

Estimates of supply from the 2016 Corvallis On-Street Parking Utilization Study indicate that there are approximately 890 non-metered on-street parking spaces within the three residential parking permit areas (designated as Areas A, B, and C in Figure 1). This number may fluctuate, as most spaces are not striped. Capacity therefore depends on the efficiency of parking achieved by individual motorists. Supply in Area A is estimated to be approximately 293, approximately 329 in Area B, and approximately 268 in Area C.

During the Tuesday study hour between 11:00 AM and 12:00 PM, 556 vehicles were observed to be parked along the block-faces within the three permit areas. This equates to an overall utilization of approximately 62 percent. Utilization in Area A was approximately 58 percent, in Area B it was approximately 79 percent, and in Area C it was 47 percent. According to data from the 2016 Corvallis On-Street Parking Utilization Study, utilization during this same peak hour was approximately 61 percent in Area A, 80 percent in Area B, and 49 percent in Area C.

The measured level of occupancy means that approximately 334 parking spaces (38 percent) were vacant during the study period (123 in Area A, 70 in Area B, and 141 in Area C).



**Peak Hour Occupancy
Tuesday 11 A.M. - 12 P.M.
Corvallis, Oregon**

**Figure
1**

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