

The parking sensors used to determine real-time on-street parking occupancy in the SF*park* pilot areas will be deactivated on December 30, 2013. The SFMTA will continue to provide real-time parking availability information for SF*park* garages as well as pricing information for on-street spaces in SF*park* areas. The SFMTA will also revise the SF*park* website and mobile apps to incorporate this change.

The format of the availability feed will not change; on-street availability data will simply no longer be sent.

This document summarizes the changes to values in the availability feed and the design changes to the SF*park* website and mobile apps.

## Changes to SF*park* availability feed

### On-street availability values will be reflected as null or zero

On-street availability information is currently handled through the OCC and OPER values in the responses to queries via the SF*park* availability API. All other information (e.g., off-street availability, on-street rates) will continue to be provided.

The following examples show how on-street availability data is currently communicated and what can be expected after that information is discontinued.

#### EXAMPLE 1 – CURRENT RESPONSE FOR ON-STREET AVAILABILITY INFORMATION.

OCC and OPER values are interpreted to mean that there are 5 spaces occupied, and 8 total spaces.

```
</AVL>
<AVL>
  <TYPE>ON</TYPE>
  <BFID>650011</BFID>
  <NAME>Sacramento St (101-199)</NAME>
  <OCC>5</OCC>
  <OPER>8</OPER>
  <PTS>2</PTS>
  <LOC>-122.3967848, 37.7945224, -122.397573, 37.7944219</LOC>
</AVL>
```

### EXAMPLE 2 – 0 OPERATIONAL

This has been used to indicate “Restricted” and has been achieved by sending 0 for both OPER and OCC counts. This will continue to indicate that all parking spaces on a blockface are restricted.

```
</AVL>
<AVL>
<TYPE>ON</TYPE>
<BFID>650011</BFID>
<NAME>Sacramento St (101-199)</NAME>
<OCC>0</OCC>
<OPER>0</OPER>
<PTS>2</PTS>
<LOC>-122.3967848, 37.7945224, -122.397573, 37.7944219</LOC>
</AVL>
```

### EXAMPLE 3 – NULL RESPONSE

This has been used to indicate “Data Not Available” and has been achieved by not sending the OCC or OPER elements (they are essentially discarded in the response). This will continue to indicate that no data is available.

```
</AVL>
<AVL>
<TYPE>ON</TYPE>
<BFID>650011</BFID>
<NAME>Sacramento St (101-199)</NAME>
<PTS>2</PTS>
<LOC>-122.3967848, 37.7945224, -122.397573, 37.7944219</LOC>
</AVL>
```

Once on-street availability data is discontinued, the responses will always follow the format of “Example 3 – Null response,” except in cases when parking is restricted (such as for commercial loading), when the responses will follow the format of “Example 2 – 0 operational.” For most blockfaces, the OCC and OPER elements will be null most of the time.

### Price data will be expanded to include all metered blockfaces in SFpark areas

The SFpark availability feed currently provides data only for blockfaces with parking sensors. Once on-street availability data is discontinued, the SFMTA will expand the scope of the feed to include price information for all metered blockfaces in SFpark areas. This will also include restriction information such as peak period tow away times and street cleaning schedules.

This will add information for about 300 additional blockfaces for a total of about 900 blockfaces. The information will be provided in the same format specified in the SFpark availability API reference document.

## Changes to the SFpark website and mobile apps

In January 2014, the SFMTA will update the webmap on SFpark.org and release new versions of the SFpark iOS and Android apps. These updated apps will:

- Change the focus to the pricing display
- No longer display on-street blockfaces on the availability display
- Show price information for all metered blockfaces in SFpark areas

Older versions of the iOS and Android apps will continue to function in the following way:

- On the availability display, on-street blockfaces will be displayed as either grey or red (if the blockface is restricted).
- On the rate display, price information will be shown for all metered blockfaces in SFpark areas.
- On the iOS app version 1.4, the Cal-Steiner parking lot in Fillmore will display as blue with the message “no availability data.” This is a known issue – there is no availability information available. The Android app version 2.0.1 will display the Cal-Steiner lot as grey.