TACOMA PERMIT DASHBOARD

Mike Murnane | City of Tacoma | WAURISA May 17, 2017

BACKGROUND

- Accela vs CivicData
- Real-time Cloud Data
- Simple Beta Site - Public & Staff
- Built with Google Maps, jQuery, D3, C3
- http://tacomapermits.org/dashboard

CHARTS

- Manipulate Data with D3 (https://d3js.org/)
- Chart Data with C3 (http://c3js.org/)

DASHBOARD

All Permits (Last 30 days)

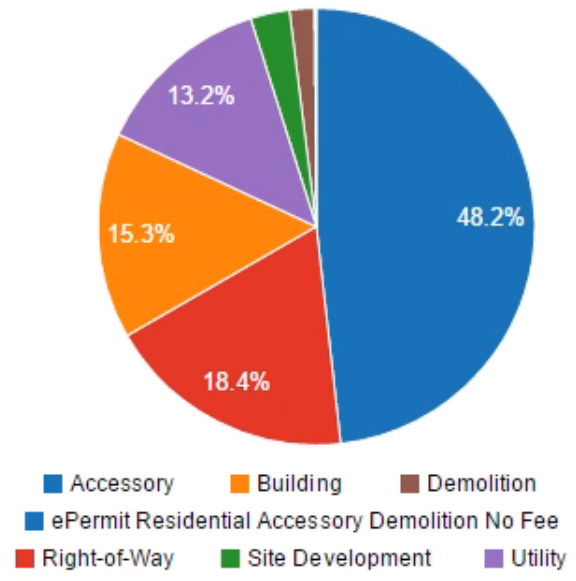
486
New Applications
Download CSV

759
Issued Permits
Download CSV

$ 5.77 m
Total Construction Cost
Download CSV

New Applications by Day (Last 30 days)

Issued Permits by Type (Last 30 days)



HEATMAP

Activity Heat Map (Last 30 days)

MAP FOCUS

- Maximize Map
- Responsive (screen size, mobile first)
- Sliding Panels
- jQuery Mobile (https://jquerymobile.com)

WHY GOOGLE MAPS?

- Latest Imagery, Obliques
- Street View
- Search Abilities
- Vector Tiles
- JavaScript API

JAVASCRIPT CODE

- Make Map

```
map = new google.maps.Map(….)
```

- Get CivicData Permits Table

```
table_URL = http://www.civicdata.com/…/Table_ID/…
```

- Add each permit to Map (*loop through table records*)

```
marker = new google.maps.Marker({
                position: 'latitude & longitude of permit',
                map: map
              });
```

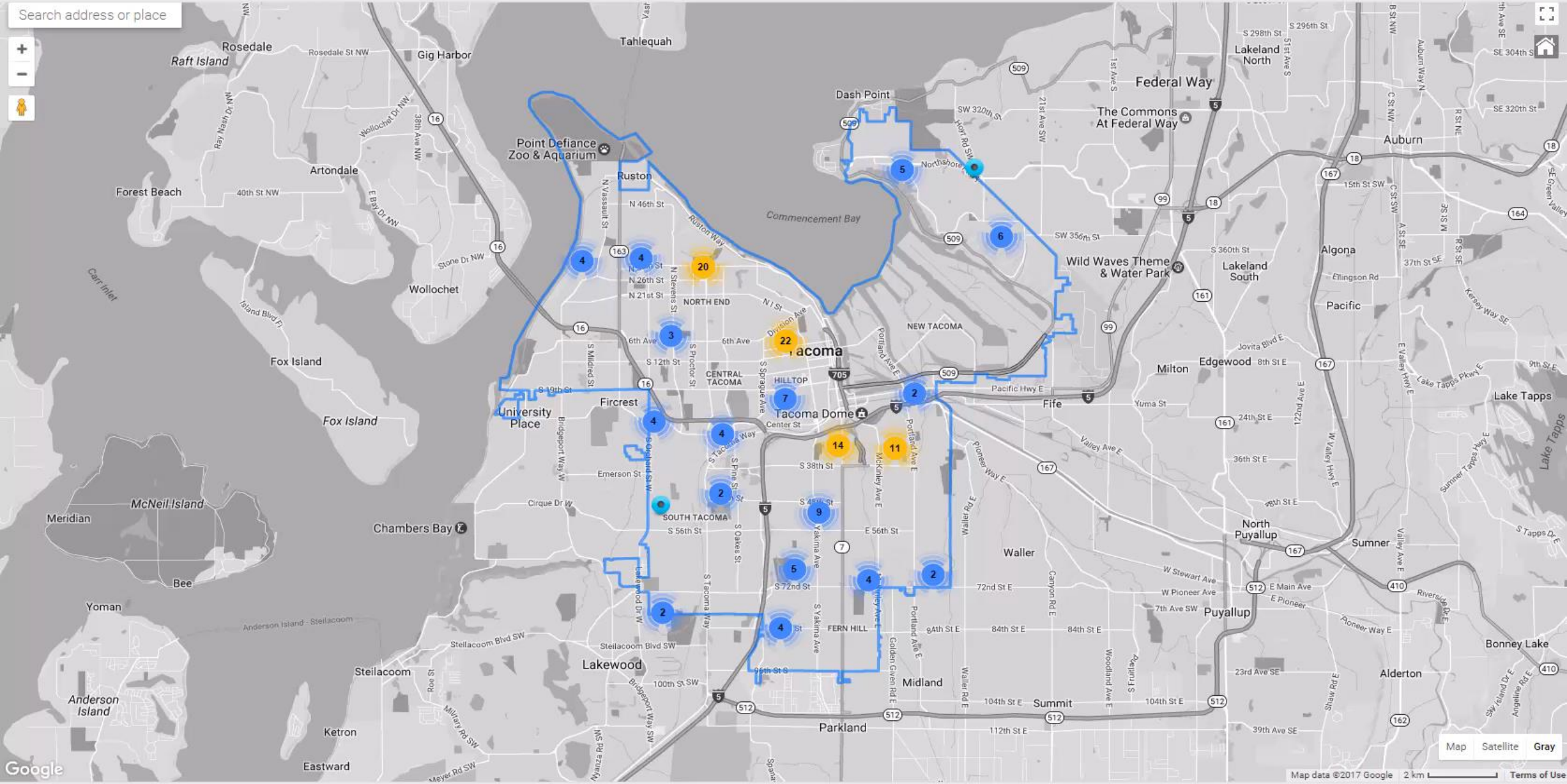
MAP

Menu

Tacoma Permits (BETA)

Filter

Search address or place



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TO DO

- Improve Map search
- Add search capacity to Dashboard
- Public (intuitive) vs Staff (details)

QUESTIONS?

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Maps & Data: www.CityOfTacoma.org/maps