You CAN Get There from Here:
GreenTRIP Parking Database

Silicon Valley Summit
March 7, 2015

Jennifer West
GreenTRIP Policy Analyst
jwest@transformca.org
TransForm’s GreenTRIP

- Research
- Certification
- GreenTRIP Connect Dynamic Model
How much parking does that apartment building need?

It depends…

- On Location
- On Traffic Reduction Strategies
- On Affordability
- On Population
- On Transit Access
- On Parking Management
$139,000,000
20 acres
31% of spaces
GreenTRIP Parking Database

- Equity and Climate Change
- Powerful data for multiple audiences
- Foundation for GreenTRIP Connect
  - Dynamic model for parking and trip generation
FREE CARSHARE MEMBERSHIP

DISCOUNT TRANSIT PASSES

UNBUNDLE PARKING

Pay for parking separately from cost of renting or purchase of home.

Parking Optional
What audiences are we trying to reach?
## GreenTRIP Parking Database

### Comparison Report

- **$139,352,200** Construction Cost of Unused Spaces
- **31%** Average % of Unused Spaces
- **867,900** Square Feet of Unused Parking

<table>
<thead>
<tr>
<th>Building</th>
<th>Place Type</th>
<th>Resident Type</th>
<th>Units</th>
<th>Parking Spaces</th>
<th>Total Used Spaces</th>
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</thead>
<tbody>
<tr>
<td>Irene Cooper Terrace</td>
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<td>Senior</td>
<td>40</td>
<td>16</td>
<td>10</td>
<td>37%</td>
<td>0.40</td>
<td>0.25</td>
<td>$300,000</td>
<td>Bike Parking, Local Shuttle</td>
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<td>101 San Fernando</td>
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<td></td>
<td>323</td>
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<td>286</td>
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<td>801 Alma</td>
<td>Local Neighborhood</td>
<td>Family</td>
<td>50</td>
<td>60</td>
<td>51</td>
<td>15%</td>
<td>1.20</td>
<td>1.02</td>
<td>$720,000</td>
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<td></td>
<td>175</td>
<td>359</td>
<td>240</td>
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<td>Diverse Abilities, Senior</td>
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<td>28</td>
<td>3%</td>
<td>0.25</td>
<td>0.24</td>
<td>$50,000</td>
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# GreenTRIP Parking Database

## Comparison Report

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- **Average % of Unused Spaces:** 31%
- **Square Feet of Unused Parking:** 867,900

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For More Information

Please Visit:

- [www.TransFormCA.org](http://www.TransFormCA.org)
- [www.Facebook.com/TransFormCA](http://www.Facebook.com/TransFormCA)

Carli Paine  
Transportation Program Director  
carli@TransFormCA.org  
510-740-3150
# GreenTRIP Parking Database

The GreenTRIP Parking Database is a tool for analyzing parking data in various cities and regions. It allows users to filter and sort parking data based on various criteria such as building, parking, location, and transportation.

### Filters
- **Number of Units**: Any, 20-49, 50-99, 100-199, 200+
- **Unit Type**: Any, Family, Senior, Single Room, Occupancy, Student, Multiple, Diverse Abilities, Condo
- **Unit Size**: Any, Studio, 1 BR, 2 BR, 3 BR +
- **% of Units Below Market Rate**: Any, None: 100% Market Rate, 0-14% BMR, 15-29% BMR, 30-39% BMR, 40-100% BMR
- **Development Type**: Any, Mixed Use, All Residential
- **Developer**: Choose a Developer
- **Project**: Choose a Project

### Displayed Buildings
- **Showing 68 buildings that meet your criteria.**

### Displayed Buildings (Filtered)
- **Showing 25 buildings that meet your criteria.**
  - Development Type: Mixed Use
  - Project: [Choose a Project]

For more information, please visit: [www.TransFormCA.org](http://www.TransFormCA.org)
[www.Facebook.com/TransFormCA](http://www.Facebook.com/TransFormCA)

Contact Carli Paine, Transportation Program Director at carli@TransFormCA.org or 510-740-3150.
### Gish Apartments

35 E Gish Road  
San Jose, CA 95112

- **Total Units:** 35  
- **Total Bedrooms:** 73  
- **Total Parking:** 39  
- **Year Built:**  
- **Place Type:** Regional Center  
- **Developer/Owner:** First Community Housing  
- **Property Management Company:** The John Stewart Company  
- **Property Website:** [www.gishapartments.org](http://www.gishapartments.org)

#### Resident Profile

<table>
<thead>
<tr>
<th>100%</th>
<th>35 Total Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Occupancy</td>
<td>13 Diverse Abilities</td>
</tr>
</tbody>
</table>

#### Residential Parking Profile

<table>
<thead>
<tr>
<th>49%</th>
<th>39 Total Spaces</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unused Spaces</td>
<td>20 Used 19 Unused</td>
</tr>
</tbody>
</table>

### Mixed Use Project Elements

- **Non-residential Use:** 34,310 sq. ft.  
- **Uses:**  
  - Parking Spaces for Commercial: 15  
  - Commercial Parking Shared with Residential: 0

### Neighborhood Street Parking

- **Surrounding Streets:** Free, Time Restricted
GreenTRIP  Parking Database

Mixed Use Project Elements
Non-residential Use: 34,310 sq. ft.
Uses:
Parking Spaces for Commercial: 15
Commercial Parking Shared with Residential: 0

Neighborhood Street Parking
Surrounding Streets: Free, Time Restricted

100% Resident Occupancy
35 Total Units
13 Diverse Abilities

Residential Parking Profile
count date: 08/13/2014
49% Unused Spaces
39 Total Spaces
20 Used 19 Unused

$1,783,200 Cost of Unused Spaces
5,700 Sq. Ft. Unused Spaces

Unit Profile

<table>
<thead>
<tr>
<th>Units</th>
<th>Studio</th>
<th>1 Bedroom</th>
<th>2 Bedroom</th>
<th>3+ Bedroom</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Units</td>
<td>35</td>
<td>9</td>
<td>0</td>
<td>14</td>
</tr>
<tr>
<td>Average Monthly Rent</td>
<td>$488</td>
<td>-</td>
<td>$820</td>
<td>$942</td>
</tr>
<tr>
<td>Percent Affordable: 100%</td>
<td>BMR 81-120% AMI</td>
<td>-</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>BMR 61-80% AMI</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>BMR 51-60% AMI</td>
<td>6</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>BMR 31-50% AMI</td>
<td>15</td>
<td>6</td>
<td>7</td>
</tr>
<tr>
<td></td>
<td>BMR below 30% AMI</td>
<td>13</td>
<td>3</td>
<td>5</td>
</tr>
</tbody>
</table>
GreenTRIP Parking Database

Parking & Transportation

Gish Apartments
35 E Gish Road
San Jose, CA 95112

Parking Management
Parking Assigned: (%)

Cost of Parking
Total Cost: $3,660,000

Utilization

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>35 / 39</td>
<td>1.11</td>
</tr>
<tr>
<td>Total Units / Parking Spaces</td>
<td>Spaces Provided per Unit</td>
</tr>
<tr>
<td>0.57</td>
<td>0.27</td>
</tr>
<tr>
<td>Spaces Used per Unit</td>
<td>Spaces Used per Bedroom</td>
</tr>
</tbody>
</table>

TransForm
GreenTRIP  Parking Database

Traffic Reduction Strategies

Car Sharing
- Within 1/4 Mile: -
- Cars On Site: -
- Membership: No

Transit
- Transit Passes: Free
- Rail within 1/2 mile: VTA 901, 902
- Other Transit Service within 1/4 mile: None

Unbundled Parking
- % Unbundled: 0
- Annual Charge for Parking: n/a

Other Traffic Reduction Strategies
- Free Resident Shuttle: No
- Transit Screen: No
- Shared Bikes: No
- BikeShare: No
- Other Strategies: Keep well-stocked VTA schedule rack.

Type of Parking Spaces Available

<table>
<thead>
<tr>
<th>Spaces</th>
<th>Type</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Surface</td>
<td>n/a</td>
</tr>
<tr>
<td>22</td>
<td>Structure</td>
<td>$1,100,000</td>
</tr>
<tr>
<td>32</td>
<td>Underground</td>
<td>$2,560,000</td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td></td>
<td><strong>$3,660,000</strong></td>
</tr>
<tr>
<td>0</td>
<td>Lifts/Stackers</td>
<td>n/a</td>
</tr>
<tr>
<td>15</td>
<td>Tandem</td>
<td>n/a</td>
</tr>
<tr>
<td>12</td>
<td>Bike Parking</td>
<td>n/a</td>
</tr>
</tbody>
</table>
Use the Parking Database:

- Search for residential projects nearby
- Download data on peak parking
- Print reports
- Share information with decision makers
- Start a conversation on how much parking is really needed
GreenTRIP  Parking Database

Ask for projects to include:
• Transit Passes
• Car share
• Unbundled parking
• Bike amenities
• Parking management
• Travel support (property manager, online tool)
GreenTRIP  Parking Database

• Equity and Climate Change
• Powerful data for multiple audiences
• Foundation for GreenTRIP Connect
  – Dynamic model for parking and trip generation
GreenTRIP Connect Web Tool
Step 1: Select a parcel

Enter project parameters

# Units: 100

Parking type: podium
### GreenTRIP Connect

<table>
<thead>
<tr>
<th>OUTPUTS</th>
<th>BUSINESS AS USUAL</th>
<th>SMART GROWTH LOCATION</th>
<th>WITH TRAFFIC REDUCTION STRATEGIES</th>
<th>WITH 20% AFFORDABLE HOUSING</th>
</tr>
</thead>
<tbody>
<tr>
<td>PARKING SPACES (PER HH)</td>
<td>2.2</td>
<td>1.2</td>
<td>0.8</td>
<td>0.7</td>
</tr>
<tr>
<td>DAILY DRIVING (PER HH)</td>
<td>50 miles</td>
<td>27 miles</td>
<td>19 miles</td>
<td>17 miles</td>
</tr>
<tr>
<td>COST OF PARKING</td>
<td>$11 M</td>
<td>$6 M</td>
<td>$4 M</td>
<td>$3.5 M</td>
</tr>
<tr>
<td>COST OF TRAFFIC REDUCTION</td>
<td>None</td>
<td>None</td>
<td>$1.5 M</td>
<td>$1.5 M</td>
</tr>
<tr>
<td>TOTAL SAVINGS</td>
<td>None</td>
<td>$5 M</td>
<td>$5.5 M</td>
<td>$6 M*</td>
</tr>
</tbody>
</table>

**ADD TRAFFIC REDUCTION STRATEGIES BELOW:**

- **Transit Passes** 1-5
- **Carshare Membership** (PER UNIT) 1-5
- **Affordable**
- **Unbundle Parking**?
- **Bikeshare Membership** (PER UNIT) 1-5

*This Project Qualifies* Classic Platinum
GreenTRIP Connect Web Tool

Call for Founding Sponsors
Thanks to the Knight Foundation’s Match Challenge

GOAL
$75,000 by May 1st
For More Information
Please Visit: database.greentrip.org
Jennifer West
jwest@transformca.org