## SPUR MESPUR

Ideas + Action for a Better City

learn more at SPUR.org

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 @SPUR\_Urbanist
#SmartCityParking

## Reforming Parking Policies Overview and Regional Perspective

**Valerie Knepper** 

July 26, 2016





### Why are parking policies important?

- 1. Land Use Impacts
- 2. Transportation Impacts
- 3. Equity, environment and efficiency



### **Land Use Impacts:**

## Parking is an expensive use of land, crowds out other uses

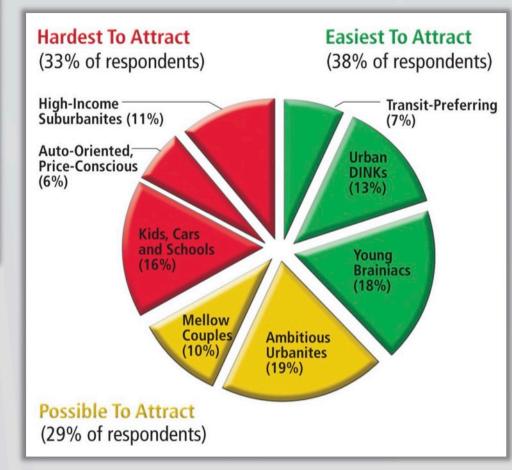
- Excess parking requirements:
  - Increase housing costs, reduce feasibility of infill/TOD
  - Favor development where land is cheaper
  - Do not allow market to address current housing preferences







# Growing market for housing with little or no parking



### **Parking: Transportation Impacts**

 More parking at home —> higher auto ownership and more driving

Free parking at work —> more driving, increasing

congestion

 Excess driving hurts the viability of quality transit, negatively impacts walking and bicycling.



## Parking: Regional Impacts

- Equity Low income residents own fewer cars, but most still pay for parking bundled into housing costs, even if they don't own a car. Employees receive parking benefits at work, even if they can't afford a car. Customers pay even if not using it.
- Economics The region is investing billions into transit system

   efficient transit is important to regional prosperity. Excess
   free parking undermines effective transit systems
- Environment Reduce environmental impacts through reduced driving



### What has MTC done to support parking reform?

## Station Area Plans, technical assistance, model ordinances, case studies, workshops

- Support to cities for station area plans
- "Smart Parking Toolbox"
- Model to re-estimate parking demand w/ transit, pricing
- Technical analyses
- Workshops & Videos



## Steps to reduce excess parking

- Eliminate requirements within half mile "high quality transit" for housing (~ 80 locations in Bay Area)
- Reduce requirements for employee and customer parking, require shared parking, allow reuse of land, and support alternative modes
- Support pricing based on performance. Reward lower use instead of more use.
- Require affordable housing be built with lower parking levels



## Are cities reducing their parking requirements?

- National trend of cities reducing requirements, especially residential around transit & downtowns
- Cities making changes to improve local economies and support local residents



## Parking is being reformed ... slowly, but progressively

- Politically difficult for cities to change requirements. Outreach and pilots
- Many cities don't think they have \$\$\$s
   to implement changes . . . But parking
   fees can be used to support changes
- If parking requirements are high this is a missed opportunity to provide more lower-cost market-based housing, and support for small businesses

Bay Area cities are leaders in field – including SF, Oakland, and Berkeley





### For more Information contact:

Valerie Knepper vknepper57@gmail.com





## GreenTRIP Connect

Ann Cheng GreenTRIP Program Director

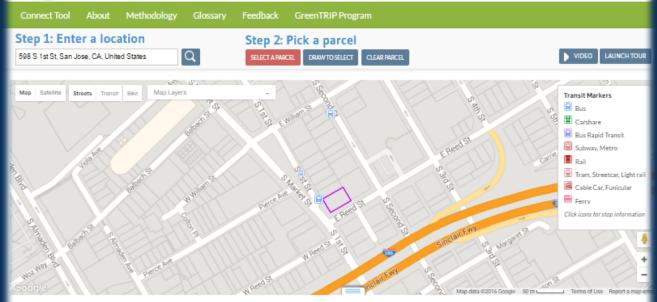
## Balancing Cities and Their Parking SPUR Oakland

Darin Ranelletti / City of Oakland Department of Planning Valerie Knepper / Metropolitan Transportation Commission, formerly

July 26, 2016







#### Step 3: Tell us about the project

Enter details on your proposed project, or create a hypothetical one, to explore how a variety of project characteristics change the amount of driving, greenhouse gas emissions and parking.

Start by selecting one or more parcels on the map above.

Building How many hou	ising units will th	nere be?	
Total Units	200	CUSTOMIZE UNITS	RESTORE DEFAULTS
Municipal Parking Requirement: 5 spaces/unit			
Low Impact	Parking Esti	mate: 50 spaces @	
Total Space		RESTORE DEFAULTS	l
The default p		veristics on characteristics below are b f you know them.	based on Edit the

Project Characteristics Building: 200 units Parking Proposed: 50 spaces	Value of GreenTRIP Strategies \$2,069 per year/household		
Comparison Snapshot per unit building totals	Parking Spaces predicted use	Avg. Daily Driving miles/day	Avg. Daily Greenhouse Gass pounds/day
If built in an Average Location San Jose-Sunnyvale-Santa Clara, CA Metro Area	149	34.23	38.11
if built on Selected Parcel	0.59	20.73	23.08
with Affordable Housing			
with GreenTRIP Strategies 🔗 🕙 🕟 🔕	0.37	10.22	11.38
Your Project	0.37	10.22	11.38
Total Impact of Project % Compared to Average Location	-75.2%	-70.1%	-701%
Parking Impacts of Project Compared to Municipal parking requirement of .5 spaces/unit, or 100 spaces total.	P 15,000 Sq Space Gained fror Parking		\$2,500,000 Saved on Parking Construction
Share Dashl	oard View F	ull Report	
	nspiring examples		

## GreenTRIP Connect

v. Beta

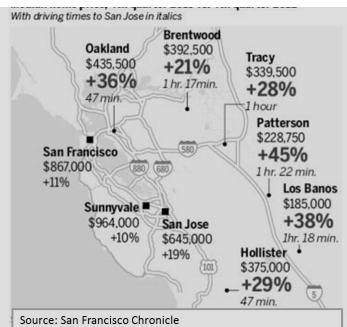






#### Home prices up in outer Bay Area

+28 to +45%





#### STANDARD CERTIFICATION REQUIREMENTS

#### **CERTIFICATION REQUIREMENTS**



**Place Type** (and examples)



**MAXIMUM PARKING SPACES PER** UNIT









-Free Transit Passes

-Free Carsharing **Memberships** 

-Unbundled Parking\*



**MAXIMUM PROJECTED DAILY MILES PER UNIT** 





#### STANDARD CERTIFICATION REQUIREMENTS

#### **CERTIFICATION REQUIREMENTS**



Place Type (and examples)



**MAXIMUM PARKING SPACES PER** UNIT







**TRAFFIC** REDUCTION **STRATEGIES** 

-Free Transit Passes

-Free Carsharing **Memberships** 

-Unbundled Parking\*



**MAXIMUM PROJECTED DAILY MILES PER UNIT** 

**40 YEARS** 









#### STANDARD CERTIFICATION REQUIREMENTS

#### **CERTIFICATION REQUIREMENTS**



**Place Type** (and examples)



**MAXIMUM PARKING SPACES PER** UNIT







**TRAFFIC** REDUCTION **STRATEGIES** 

- -Free Transit Passes
- -Free Carsharing **Memberships**
- -Unbundled Parking\*



**MAXIMUM PROJECTED DAILY MILES PER UNIT** 



## Transit Passes



## Car Share





4,370

GreenTRIP Certified Homes, of which



1,575

are Affordable Units



19

GreenTRIP Developers committed to housing with great transportation choices



GreenTRIP Certified Projects approved



## 8 Years of GreenTRIP:

## Successes since 2008

Axis Development Barry Swenson Builders Bridge Housing Building.

Community Housing and Development
Corporation/YHLA Architects
City Centric
The Core Companies

Dean Hanson/Kurt Anderson Architects

Eden Housing

Essex Property Trust/EBL&S First Community Housing

Green Republic

Greenheart Land Company Holliday Development

Nautilus Group, Inc.

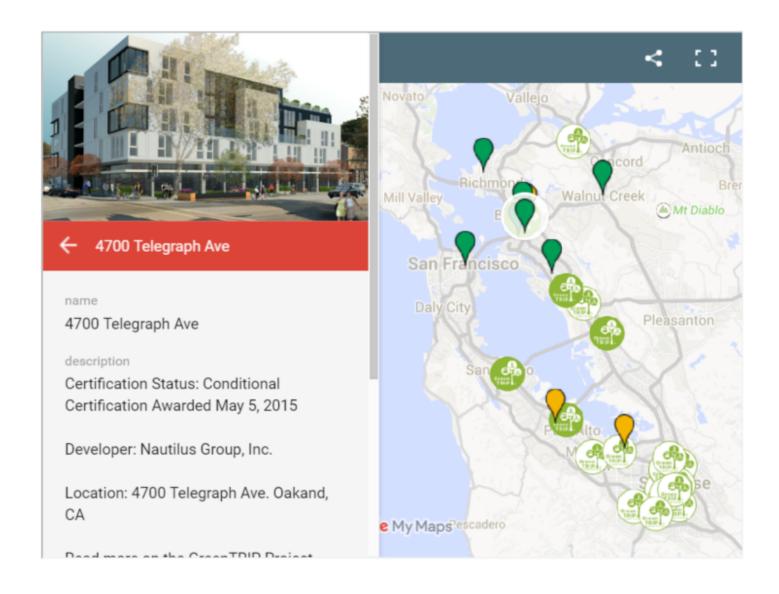
**Panoramic Interests** 

**Resources for Community Development** 

Rhoades Planning Group

Thompson | Dorfman

#### **CERTIFIED PROJECTS**





#### GreenTRIP

www.GreenTRIP.org **PROJECT EVALUATION REPORT** 

#### **4700 TELEGRAPH**

4700 TELEGRAPH AVE, OAKLAND, CA 94609 DEVELOPER: NAUTILUS GROUP, INC. WWW.NAUTILUSGRP.COM



PROJECTED DAILY DRIVING BY RESIDENTS

GREENTRIP PLATINUM STANDARDS

☑ 15 MILES/DAY

PER HOUSEHOLD, BASED ON URBEMIS PROJECTION URBEMIS 2007 v9.2.4



APPROPRIATE AMOUNT OF PARKING

GREENTRIP PLATINUM STANDARDS

MAXIMUM 0.5 SPACES/UNIT

LESS THAN 25 MILES/DAY

✓ 0.5 SPACES/UNIT

Average spaces per home (including guest parking), excluding spaces shared with non-residential uses.

24 PARKING SPACES

48 Units



TRAFFIC REDUCTION STRATEGIES

#### GREENTRIP PLATINUM STANDARDS UNBUNDLED PARKING DISCOUNT TRANSIT PASSES

ALL 3 STANDARD TRAFFIC REDUCTION STRATEGIES

DEVELOPER-PROVIDED CARSHARE VEHICLE The project must have all three

traffic reduction strategies plus additional strategies with a value of \$3,001 - \$5,000 per unit over 40 years, beyond the cost of standard strategies:

- UNBLINDLED PARKING
- DISCOUNT TRANSIT PASSES FREE CARSHARE MEMBERSHIP
- \$6,400 VALUE PER UNIT OVER 40 YEARS IN ADDITIONAL STRATEGIES
- \$100 OF DRIVING CREDIT EACH FOR 2 RESIDENTS PER UNIT FOR ON-SITE CARSHARE
- 1 BAY AREA BIKE SHARE MEMBEDSHIP DED LINIT

#### PLACE TYPE URBAN NEIGHBORHOOD

GreenTRIP standards are customized for different types of neighborhoods, or "Place Types, " as defined by the Metropolitan Transportation Commis sion's Station Area Planning Manual.

4700 Telegraph meets GreenTRIP Platinum Certification standards for the Urban Neighborhood Place Type. Above is an evaluation of how 4700 Telegraph satisfies each category.



CONDITIONAL PLATINUM CERTIFICATION **AS OF MAY 5, 2015** 

4700 Telegraph has qualified for **Conditional Platinum Certification.** Full Certification is contingent on inclusion of key project characteristics in final city entitlements.





**COMPARED TO THE TYPICAL BAY AREA HOUSEHOLD** 4700 TELEGRAPH IS PROJECTED\* TO RESULT IN:

#### 70% LESS DRIVING

Per Household Bay Area Average is 50 Miles Driven per Day,

#### 62% LESS GHGS

Per Household Each household of 4700 Telegraph is expected to emit 14 pounds of GHGs per day.

\*URBEMIS Model 2007 v9.2.4

GreenTRIP evaluates how well a proposed residential project design achieves Traffic Reduction and Innovative Parking strategies. GreenTRIP conducts an evaulation based on information provided by the developer. Nautilus Group, Inc., and gathered from publicly available sources.

#### 4700 TELEGRAPH

#### TRIP REDUCTION CREDITS

The following is an inventory of URBEMIS model inputs. The projected driving is affected by the following trip reduction

DENSITY	
120 UNITS/ACRE Source: Nautilus Group, Inc.	20% REDUCTION
MIX OF USES	<b>U</b>
WITHIN A HALF-MILE 5,248 JOBS 4,569 HOMES  LOCAL RETAIL PRESENT SOURCE: 2010 CENSUS	7% REDUCTION 2% REDUCTION
TRANSIT SERVICE	<u> </u>
617 BUSES WITHIN 1/4 MILE 450 DAILY STOPS AT MACARTHUR BART STATION SOURCE: 511.086	13% REDUCTION
PEDESTRIAN/BICYCLE FRIENDLINESS	<b>U</b>
490 INTERSECTIONS PER SQ. MILE 100% STREETS W/ SIDEWALKS 97% ARTERIAL STREETS W/ BIKE LANES OR WHERE SUITABLE, DIRECT PARALLEL ROUTES SOURCE: GOOGLE MAPS	7% REDUCTION
AFFORDABLE HOUSING	<u>U</u>

#### 0% OF UNITS ARE DEED RESTRICTED BELOW MARKET RATE Housing

Source: NAUTILUS GROUP, INC.

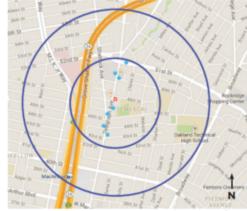
Residents living and working within a 1/2 mile or 10 minute walk to transit are 10 times more likely to take transit.

Residents living within a 1/2 mile of transit drive 50% less than those living further away. 2

0%

REDUCTION

#### PROJECT CONTEXT MAP



RED SHADING REPRESENTS THE PROJECT POOTPRINT. = Bus Stop within 1/4 HILE CONCENTRIC CIRCLES REPRESENT THE AREA WITHIN 1/4 AND 1/2-MILE FROM THE PROJECT. Source: Google Mars



#### **KEY PROJECT DETAILS:**

- . 0.4 ACRES, 48 UNITS, 5 STORIES
- 2 AC TRANSIT EASYPASSES PER UNIT FOR 40 YEARS
- DEVELOPER-PURCHASED CARSHARE VEHICLE ON-SITE
- \$100 ANNUAL DRIVING CREDIT EACH FOR UP TO 2 RESIDENTS PER UNIT FOR 40 YEARS
- 100% UNBUNDLED PARKING SPACES
- 48 SECURED BIKE PARKING SPACES
- 10 SHORT-TERM BIKE PARKING SPACES
- . 1 BAY AREA BIKE SHARE MEMBERSHIP PER UNIT OVER 40 YEARS

#### QUESTIONS?

Contact: Jean Long, GreenTRIP Planner Jean@TransFormCA.org

(510) 740-3150 x340 www.GreenTRIP.org

a project of

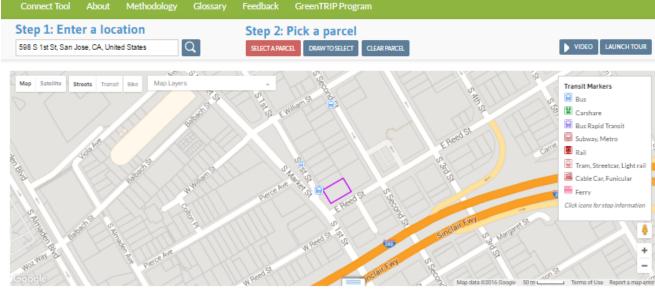


<sup>&</sup>lt;sup>1</sup> ABAG New Places, New Choices, 2007

<sup>&</sup>lt;sup>2</sup> Cervero, Arrington, TCRP Report 128, 2008



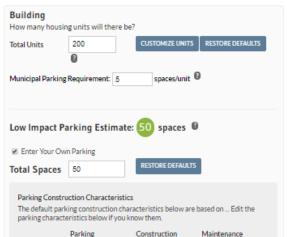




#### Step 3: Tell us about the project

Enter details on your proposed project, or create a hypothetical one, to explore how a variety of project characteristics change the amount of driving, greenhouse gas emissions and parking.

Start by selecting one or more parcels on the map above.



GreenTRIP Dashboard for Your Project			
Project Characteristics Building: 200 units Parking Proposed: 50 spaces	Valu	ue of GreenTR \$2,06 per year/hou	i9
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Share Dashboard View Full Report  See inspiring examples of			
GreenTRIP Certified Projects			

## GreenTRIP Connect

v. Beta

## H(

## JAPANTOWN SENIOR APARTMENTS

685 NORTH SIXTH ST., SAN JOSE, CA DEVELOPER: FIRST COMMUNITY HOUSING WWW.FIRSTHOUSING.COM



#### PROJECTED DAILY DRIVING BY RESIDENTS

(Vehicle Miles Traveled per Household per Day)

#### GREENTRIP STANDARDS

LESS THAN 35 MILES/DAY	✓ 22 MILES/DAY
	PER HOUSEHOLD, BASED ON URBEMIS PROJECTION
(	URBEMIS 2007 v9.2.4



#### APPROPRIATE AMOUNT OF PARKING

#### GREENTRIP STANDARDS

MAXIMUM 1.5 SPACES/UNIT	✓ 0.55 Spaces/Unit
Average spaces per home (including guest parking),	41 RESIDENTIAL PARKING SPACES
excluding spaces shared with	<b>75</b> HOMES



#### TRAFFIC REDUCTION STRATEGIES

#### GREENTRIP STANDARDS

#### AT LEAST 1 OF 3 TRAFFIC REDUCTION STRATEGIES

The project must have at least one of these three traffic reduction strategies:

- Unbundle Parking
- DISCOUNT TRANSIT PASSES
- FREE CARSHARE MEMBERSHIP

#### ✓ FREE VTA EcoPasses

 PROVIDING FREE VTA ECO-PASSES FOR ALL RESIDENTS TO ACCESS LIGHTRAIL AND BUS FOR THE LIFE OF THE PROJECT

#### FULL CERTIFICATION AS OF APRIL 4, 2013

Japantown Senior Apartments has achieved GreenTRIP Certification.

This project was approved in 2013.





COMPARED TO THE TYPICAL
BAY AREA HOUSEHOLD
JAPANTOWN SENIOR
APARTMENTS IS PROJECTED\*
TO RESULT IN:

#### 56% LESS DRIVING

#### Per Household

Bay Area Average is 50 Miles Driven per Day, per Household

#### 45% Less GHGs

#### Per Household

Each household of Japantown Senior Apts. is expected to emit 21 pounds of GHGs per day.

\*URBEMIS Model 2007 v9.2.4









### **GreenTRIP Connect's Purpose:**

Connect instantly calculates reductions in driving and greenhouse gas emissions from residential developments built in smart locations with affordable homes and traffic reduction strategies.

## WHY CREATING AND PRESERVING AFFORDABLE HOMES NEAR TRANSIT IS A HIGHLY EFFECTIVE CLIMATE PROTECTION STRATEGY





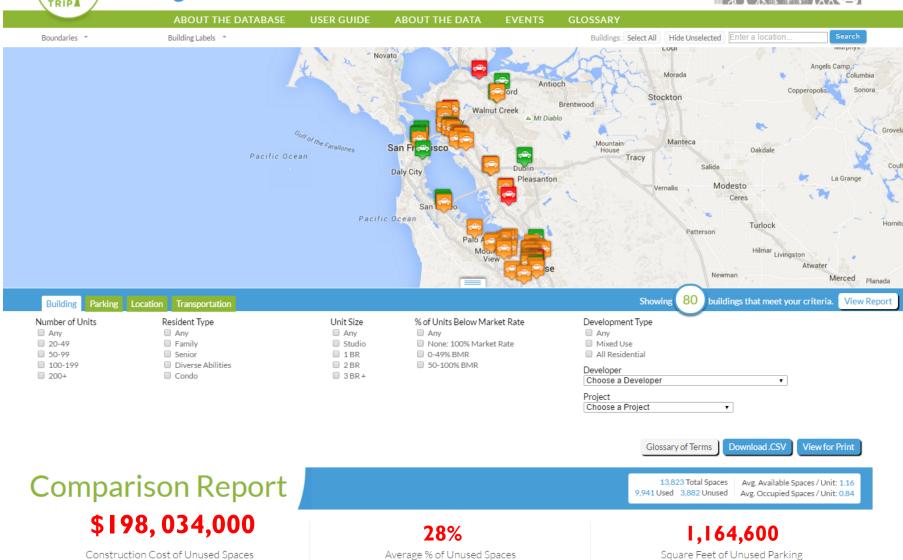


### Database.greentrip.org





Square Feet of Unused Parking



Average % of Unused Spaces

#### Thank You to our 2015 GreenTRIP Connect Founding Sponsors!







#### Paradigm Shifter

**Visionary** 







#### Connector







#### **Partner**

















#### Supporter

Slides that follow are in lieu of Online Connect tool.





**Connect Tool** 

About

Methodology

Glossary

FAQ Feedback

**GreenTRIP Program** 

#### **Step 1: Enter a location**

Enter address, city, zip, transit station, etc...



#### **Step 2: Pick a parcel**

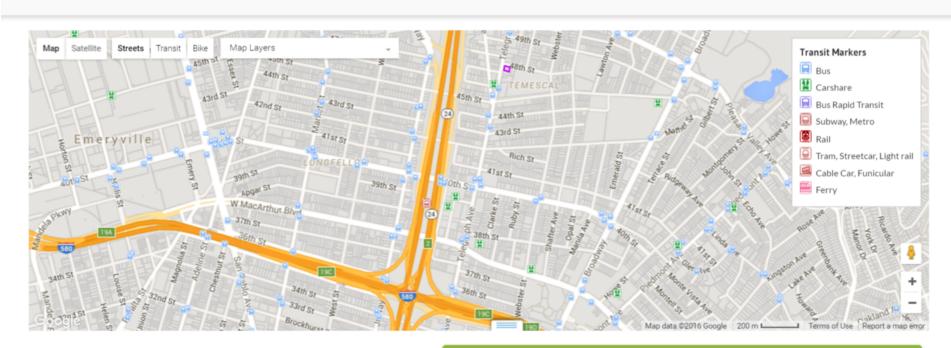
SELECT A PARCE

DRAW TO SELECT

CLEAR PARCEL

VIDEO

LAUNCH TOUR



#### Step 3: Tell us about the project

Enter details on your proposed project, or create a hypothetical one, to

#### GreenTRIP Dashboard for Your Project

**Project Characteristics** 

Value of GreenTRIP Strategies



**Connect Tool** 

About

Methodology

Glossary

FAQ

Feedback

**GreenTRIP Program** 

### Step 1: Enter a location

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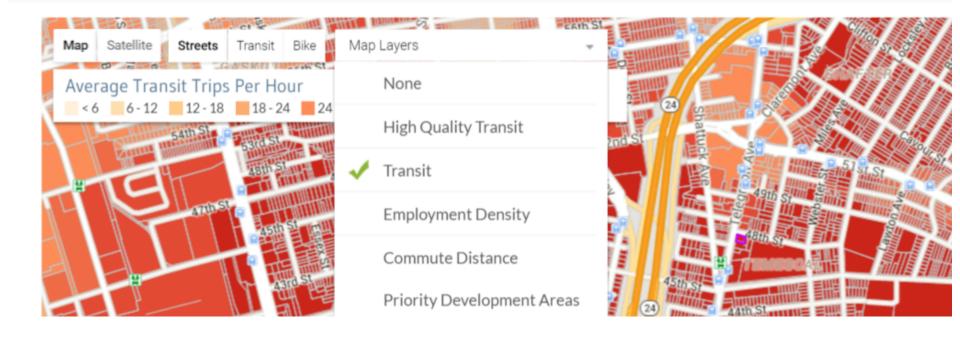


### Step 2: Pick a parcel

SELECT A PARCEL

DRAW TO SELECT

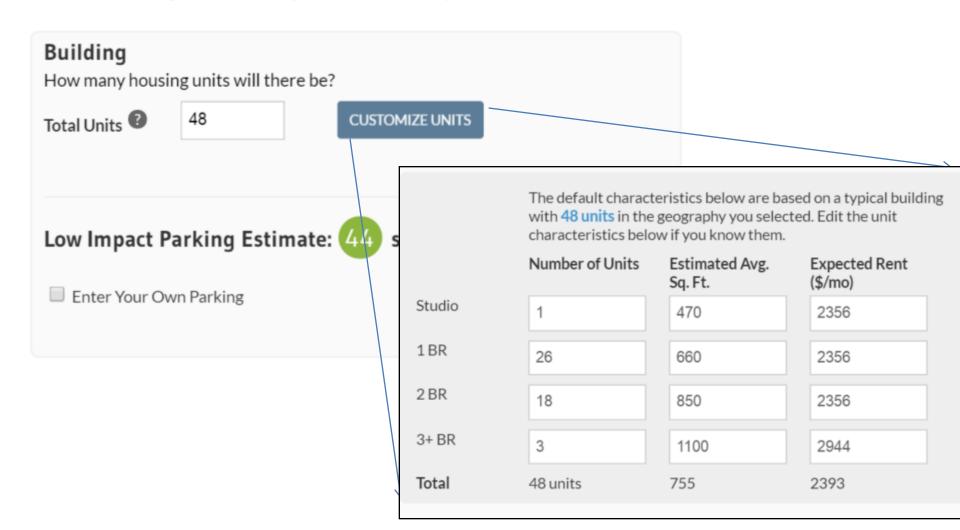
CLEAR PARCEL



#### Step 3: Tell us about the project

Enter details on your proposed project, or create a hypothetical one, to explore how a variety of project characteristics change the amount of driving, greenhouse gas emissions and parking.

Start by selecting one or more parcels on the map above.



## Low Impact Parking Estimate: 44 spaces





Enter Your Own Parking

**Total Spaces** 

44

### **Parking Construction Characteristics**

The default parking construction characteristics below are based on ... Edit the parking characteristics below if you know them.

	Parking Spaces	Construction Cost per Space (\$)	Maintenance Cost per Space (\$/Month)
Surface	0	20000	120
Garage / Structure	44	50000	175
Underground Garage	0	80000	200
Lifts	0	55000	250
Tandem	0	0	120
Bike	0	20	0.25

### Affordable Housing



Will there be affordable units?

### GreenTRIP Strategies



Will there be a charge for parking?



Will (are) the following transportation benefits be offered to future (current) project residents?



Resident Transit Passes



Car Sharing Memberships



Bike Sharing Memberships

### GreenTRIP Dashboard for Your Project

### **Project Characteristics**

Building: 48 units (default)

Parking Proposed: 44 spaces (default)

### Value of GreenTRIP Strategies

### **Comparison Snapshot**

per unit

building totals

li	arkir	ng	
S	pace	!S	
р	redic	ted	use

38.71

27.44

- -

Avg. Daily Driving

Avg. Daily Greenhouse Gases

#### if built in an Average Location

Alameda County if built on Selected Parcel

with Affordable Housing













1.19

0.92

44.55

31.57

Your Project

0.92

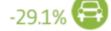
27.44

31.57

### **Total Impact of Project**

% Compared to Average Location







-29.1% GHG



### Parking Impacts of Project

Compared to Municipal parking requirement of 2.2 spaces/unit, or 106 spaces total.



18,480 Sq. Ft.

Space Gained from Smart Parking



\$3,080,000

Saved on Parking Construction

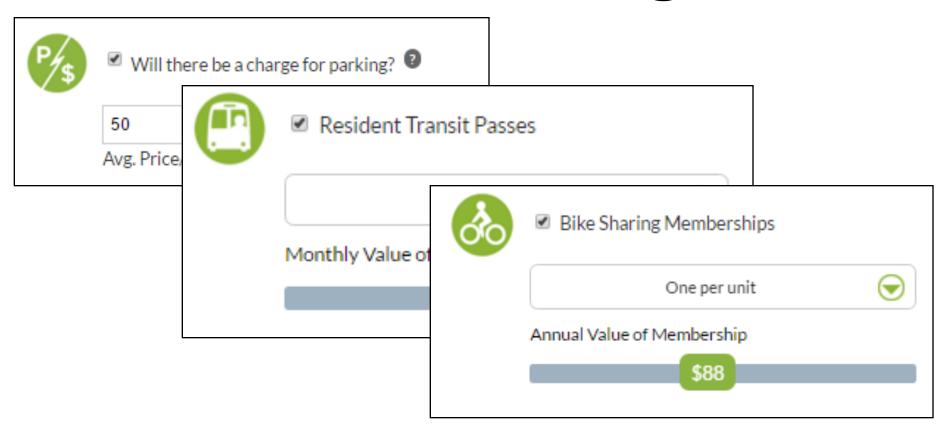
Share Dashboard

View Full Report

See inspiring examples of



# **GreenTRIP Strategies**



## GreenTRIP Dashboard for Your Project

### **Project Characteristics**

Building: 48 units (default)

Parking Proposed: 44 spaces (default)

#### Value of GreenTRIP Strategies

\$3,688 per year/household

### **Comparison Snapshot**

per unit

Alameda County

building totals

Parking	Avg. Daily
paces	Driving
redicted use	miles/day

38.71

27.44

Avg. Daily Greenhouse Gases

### if built in an Average Location

if built on Selected Parcel

with Affordable Housing

**Total Impact of Project** 









0.71

0.71

1.19

0.92

21.28

21.28

24.49

24.49

. .

44.55

31.57

Your Project









-45% GHG



### **Parking Impacts of Project**

% Compared to Average Location

Compared to Municipal parking requirement of 2.2 spaces/unit, or 106 spaces total.



18,480 Sq. Ft.

Space Gained from Smart Parking



\$3,080,000

Saved on Parking Construction

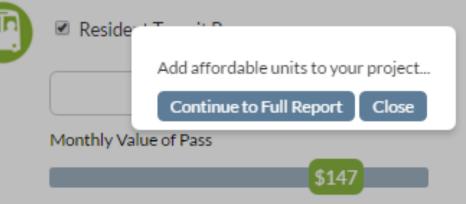
**Share Dashboard** 

View Full Report

See inspiring examples of



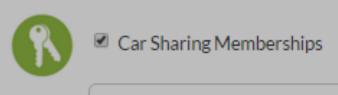
# Will (are) the following transportation benefits be offered to future (current) project residents?



Learn more <u>here</u> about Transit Pass Programs in the San Francisco Bay Area.

See examples of actual housing developments providing free or discounted Transit Passes residents in the GreenTRIP Parking Database

Two per unit



Annual Value of Membership

Building: 105 units
Parking Proposed: 79 space

## Comparison Snapshot

per unit building totals

if built in an Average Locat
San Jose-Sunnyvale-Santa Cla

if built on Selected Parcel

with Affordable Housing

with GreenTRIP Strategies

### Your Project

Total Impact of Project
% Compared to Average Loc

Parking Impacts of Pro

Compared to Municipal part requirement of 2.2 spaces spaces total.

## Affordable Housing



Will there be affordable units?

Affordable Units

105

Low-Income (BMR 51-80%)



ADD ANOTHER INCOME GROUP

Low-Income (BMR 51-80%)



Extremely Low-Income (BMR Below 30% AMI) Very Low-Income (BMR 31-50% AMI)

Low-Income (BMR 51-80%)

Moderate Income (BMR 80-120% AMI)

## GreenTRIP Dashboard for Your Project

### **Project Characteristics**

Building: 48 units (default)

Parking Proposed: 44 spaces (default)

Value of GreenTRIP Strategies \$3,688 per year/household

### Comparison Snapshot

per unit

Alameda County

building totals

Parking	
Spaces	
predicted	use

Avg. Daily Driving miles/day

38.71

27.44

Avg. Daily Greenhouse Gases pounds/day

### if built in an Average Location

			,		
if l	built	on	Selected	Parcel	

with Affordable Housing











21.28

24.49

44.55

31.57

Your Project



1.19

0.92

21.28

24.49

### **Total Impact of Project**

% Compared to Average Location











### Parking Impacts of Project

Compared to Municipal parking requirement of 2.2 spaces/unit, or 106 spaces total.



18,480 Sq. Ft.

Space Gained from Smart **Parking** 



\$3,080,000

Saved on Parking Construction

Share Dashboard

View Full Report

See inspiring examples of

Below is a custom GreenTRIP Connect project impact report that you can Share, Save, Print and Edit. Add project information to customize the Connect Impact Report.

Project Name / Address	Prepared by	Share/Save Custom Connect Report
Project Status		Edit Location & Inputs
•		Print
Additional Project Info This information will appear below the GreenTRIP Dashboa	rd in your Project Report.	

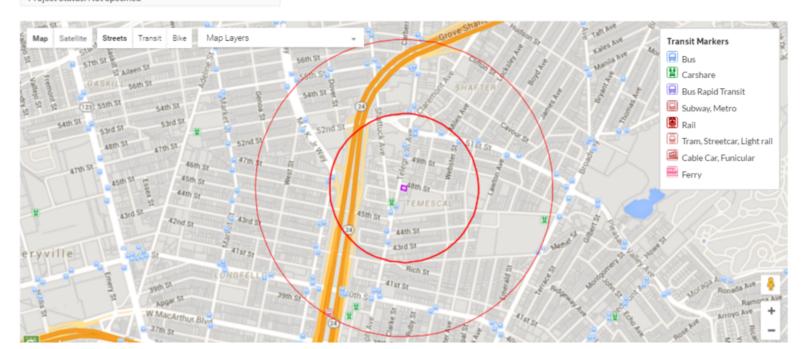


**Custom Project Report** 



### **Untitled Project**

Prepared by: Parcel Pin #: 13-1150-19-2 Project Status: Not Specified





This project has the following predicted parking use (SF Bay Area only), average daily driving and GHG's based on the project's location, unit count, unit mix, rent, parking supply, and traffic reduction strategies.



Additional Project Info:

NOTE: This report was produced using GreenTRIP Connect, an online resource. This report does not imply that this project has received a GreenTRIP Certification. To learn more or provide feedback on GreenTRIP Connect go to: Connect.GreenTRIP.org

#### GreenTRIP Connect Custom Project Report (page 2)

### **Building**

Unit	S	Avg. Sq. Ft.	Avg. Rent (\$/mo)
1	Studio	470	\$2,356
26	1 BR	660	\$2,356
18	2 BR	850	\$2,356
3	3+ BR	1,100	\$2,944
48	Total	755	\$2,393

Total Acres: 0.16

Dwelling Units per Acre: 305.73 Bedrooms per Acre: 458.60

### **Parking**

#### Resident Parking

Stalls Price per Month 44 \$50

Used Spaces per Dwelling Unit: Used Spaces per Bedroom: 0.47

#### **Parking Construction Costs**

Stalls

Surface \$175 Tandem Construction Cost per Stall

Maintenance Cost per

Stall

44 Garage/Structure \$50,000 Underground Garage Lifts

### **Project Location**

#### Transit within a 1/4 mile:

AC Transit 1, 12, 800, 18, 1r

Transit within a 1/2 mile:

#### AC Transit

31, 1, 12, 658, 682, 651, 653, 660, 657, 696, 851, 800, 51a, cb, c, 57, 18, 662, 1r

#### Bay Area Rapid Transit

fremont - richmond, pittsburg/bay point - sfia/millbrae, richmond - daly city/millbrae

#### Carshare within a 1/4 mile:

City CarShare telegraph & 46th

Carshare within a 1/2 mile:

#### City CarShare

45th & broadway (kaiser), macarthur bart Zipcar

macarthur bart



### **GreenTRIP Strategies**

Household Value

Resident Transit Passes

\$150 Two per unit

Car Sharing Memberships

none

Bike Sharing Memberships

\$88 One per unit

Unbundled Parking

\$50 per Month for residents of public

Average cost of owning and operating a vehicle \$8,698/yr according to AAA



### Affordable Housing

none

Transition to Connect online for tour, then exploration and back to slides.

http://Connect.GreenTRIP.org

# **Connect Phase 2**

## 2017 and beyond

What could we add that would enhance or strengthen Connect?

- Transit Sliders
- Trip Generation Smart Growth Multi-Modal
- Plan Area modeling
- Health and economic metrics
- Your ideas here show demand and support funding for next phase

# How will you use Connect?

- Development project approval
- Advocacy
- Policy change
- Other ideas?

# How can you help us get the word out?

# Connect.GreenTRIP.org





Darin Ranelletti
Deputy Director, Planning

SPUR Lunchtime Forum July 26, 2016

# On-Street Parking

# **Off-Street Parking**







# Why Update Parking Requirements

# Since 1965...

- Policies have changed
- Transit has changed
- Oakland has changed





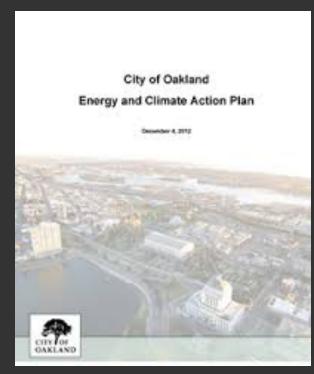


# Why Update Parking Requirements

# Policy Framework

- Oakland Land Use and Transportation Element
- Climate Action Plan
- Housing Equity Roadmap
- Mayor's Housing Cabinet
- "Transit First" Policy
- TOD Plans







# Goals of the Parking Update

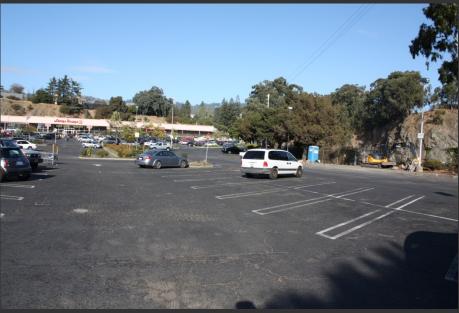
- Achieve "just right" parking for developments
- Increase housing supply and affordability
- Maintain consistency with sustainability goals
- Encourage efficient use of land
- Support the vitality of commercial districts
- Contribute to neighborhood walkability



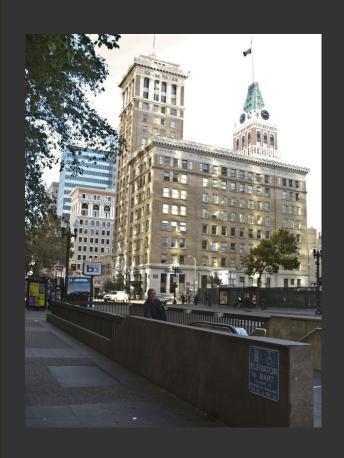
# Goals of the Parking Update

- How much is "not enough"?
- How much is "too much"?









# **DOWNTOWN**

- No minimum parking required
- Parking maximum: 1.25
   spaces per unit
- Unbundled parking required
- Transit passes/information for residents required
- Car share space required



# FORM-BASED COMMERCIAL PARKING REQUIREMENTS



Upper stories: one parking space per 1,000 sf of floor area

Ground Floor:
One parking
space per 600 sf
of floor area



# REDUCTION IN PARKING REQUIREMENTS

Strategy	Reduction
Public/Private car sharing onsite/offsite	20/10 percent
Transit passes	10 percent
Within ½ mile of "major transit stop"	30 percent
> No more than a 50 percent decrease	



## **REDUCTIONS FOR AFFORDABLE HOUSING**

- 0.5 parking space/unit if within one-half mile of a "major transit stop"
- .75 parking space/unit otherwise
- Can incorporate further reductions





UNBUNDLING REQUIRED (10+ UNITS)









# ADDITIONAL PARKING NOT REQUIRED FOR EXPANSIONS TO HISTORIC BUILDINGS



# ADDITIONAL PARKING NOT REQUIRED FOR CHANGE OF USE WITHIN EXISTING BUILDINGS







# **OFF SITE PARKING ALLOWED**





Required

Parking



# NO PARKING REQUIRED ON NARROW LOTS IN COMMERCIAL ZONES





# Key Issues & Challenges

- On-street parking permits
- Parking maximums
- Reduced parking in exchange for benefits
- Ongoing compliance

# Lessons Learned & Tips

- Collect data
- Policy context
- Research other cities
- Public engagement
- Pilot
- Take your time



# **Adoption Status**

**June 2016: Planning Commission** 

Sept – Oct 2016: City Council

More Information

www.oaklandnet.com/planning

Project Manager: Neil Gray, ngray@oaklandnet.com, (510) 238-3878



# SPUR MESPUR

Ideas + Action for a Better City
learn more at SPUR.org

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