

11

*and Empire 511:
Bernardino and Riverside Counties,
California*

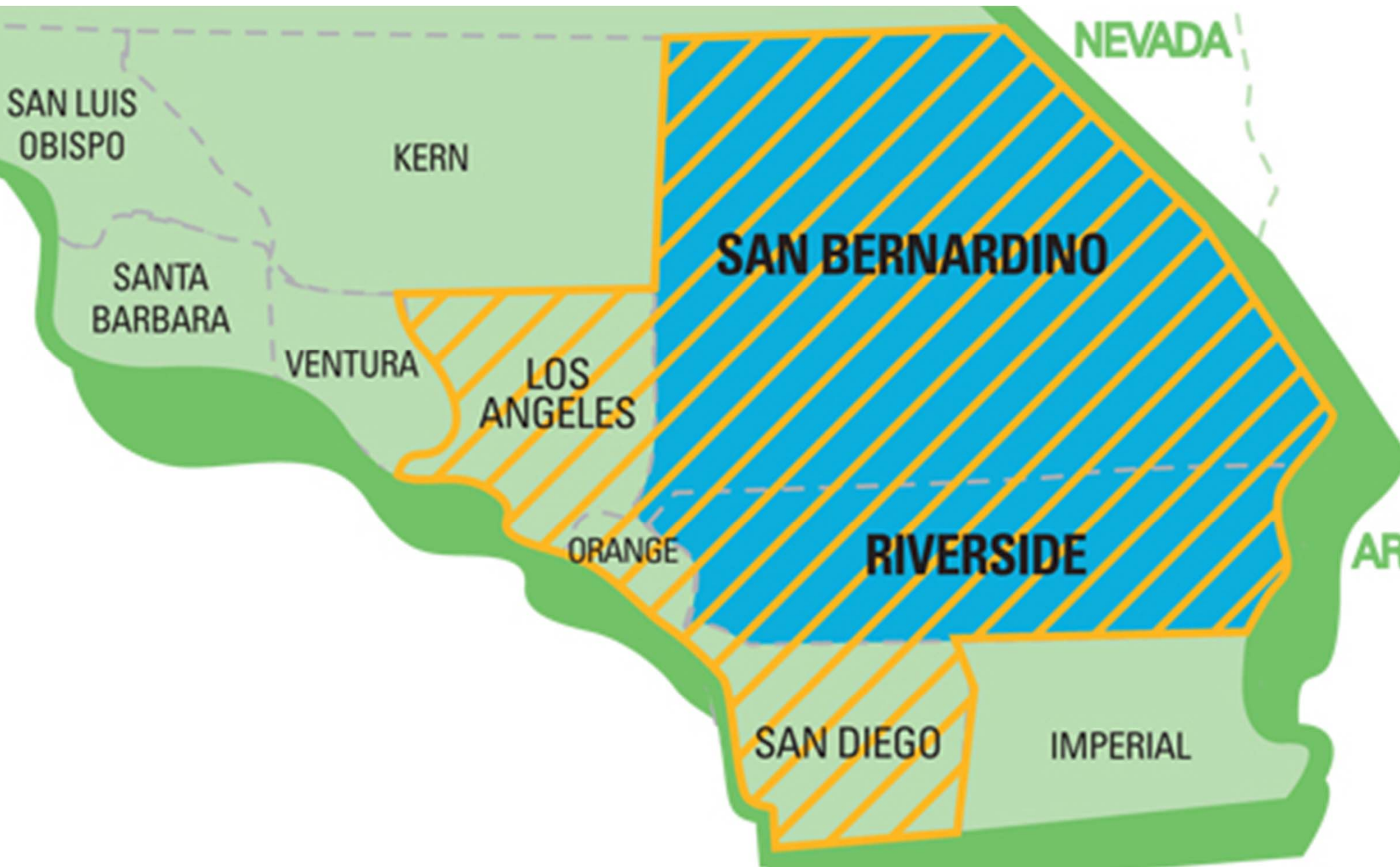


Indiana Empire SRT project overview

GOALS:

- Provide information to help motorists plan and avoid congestion: either by adjusting travel route, or by putting off an unnecessary trip
- Reduce congestion: Shift drive alone travel to transit and

Geographic context



Services Included in Google Maps

- [Corona](#) Cruiser
- [Palo Verde Valley Transit Authority](#)
- [SunLine Transit Agency](#) (do not participate)
- Riverside Transit Agency
- **San Bernardino County**
 - Omnitrans
 - [Barstow](#) Area Transit
 - [Mountain Area Regional Transit Authority](#)
 - [Morongo Basin Transit Authority](#)
 - [Needles](#) Area Transit
 - [Victor Valley Transit Authority](#)

matrix

	Website (ie511.org)	Phone (511)
Transit trip planner	Google Transit	Calls are forwarded to individual operators.
Real-time traffic information (San Diego, Orange, L.A., Riverside, San Bernardino counties)	Yes	Yes: Personal response using interactive voice response
Rideshare	Yes	Calls are fielded

Usage stats

- 50,000-70,000 calls per month
- 25,000 visitors to ie511.org per month
- Approximately 5,000 visitors are using mobile devices. They are presented with a mobile version of the website.

-----promoted?-----

Online banner adverts: Yahoo and Google

Search engine optimization

Radio

Print

Billboards (previously, but have been phased out)

All cities and transit agencies link to 511.org

6 freeway signs installed with Caltrans. inc

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ogle Transit
GTFS

Get Directions [My Maps](#)

Add Destination - [Hide options](#)
☒ Depart at ☐ Arrive by
 at

Also available: ☒ By car

Transit directions to Portland International Airport, Portland, OR 97218

Suggested routes

9:16am - 3:29pm
6 hours 13 mins

[9:18am - 3:29pm](#)
6 hours 11 mins

[Oct 24, 2009 9:16am - 3:29pm](#)
6 hours 13 mins

☒ Astoria, OR

\$17.80 (vs. \$56.52 driving!)

Showing Trip 1 Travel time: about 6 hours 13 mins

☒ [Walk](#) to Senior Center
About 1 min

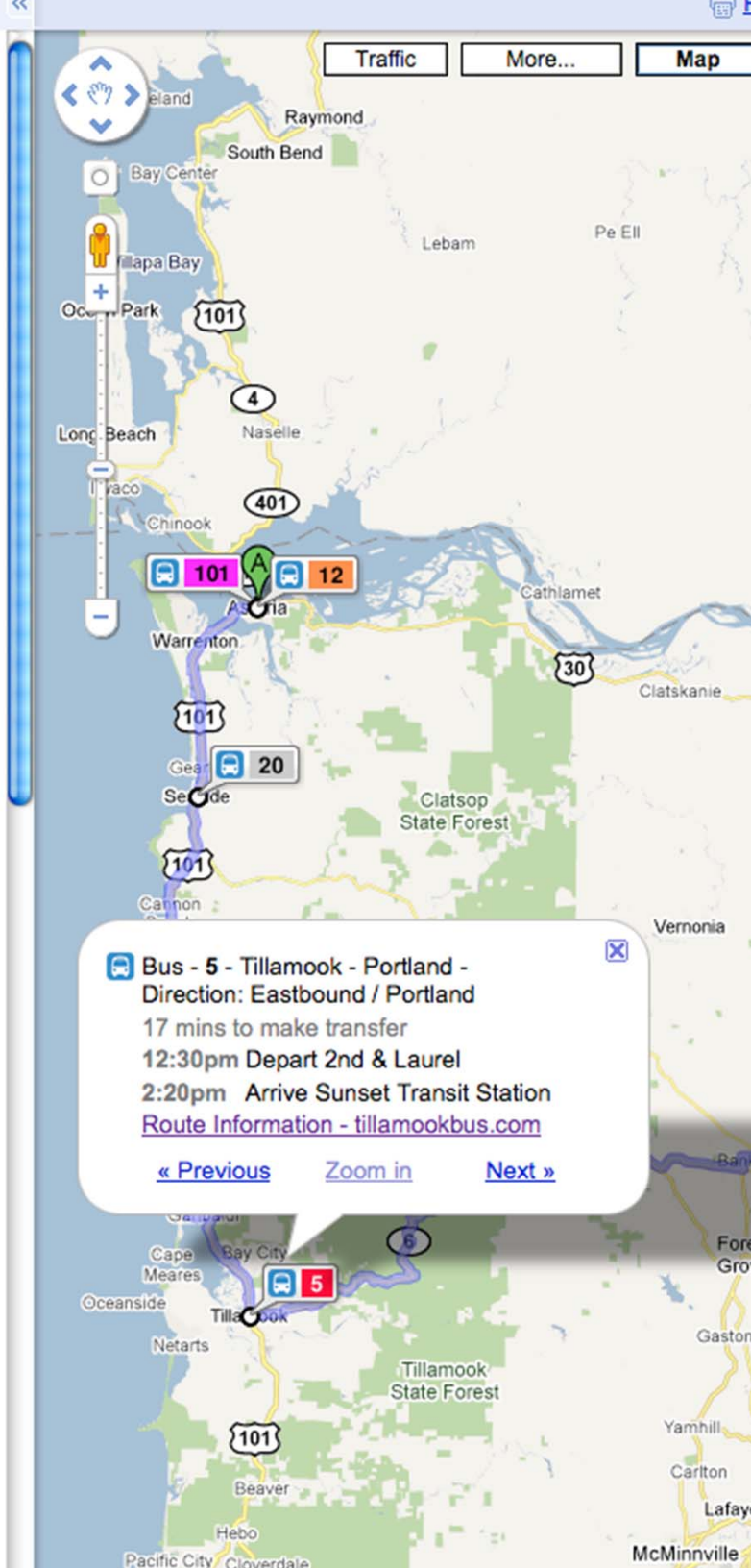
☒ [Show details](#)

☒ [Bus](#) - 12 - Orange Crab Route - Direction: Astoria Transit Center
Service run by Sunset Empire Transportation District - (800)776-6406

9:17am Depart Senior Center
2 mins

9:19am Arrive Astoria Transit Center

☒ [Bus](#) - 101 - Pink Salmon Route - Direction: Astoria Transit Center



Why Google Transit?

- Offered excellent value: trip planning functions at a fraction of the cost of alternatives
- Major providers already participated: Omnitrans, Riverside Transit Agency, Metrolink, L.A. Metro
- Coordinated travel information and itineraries without laborious integration

My places



Add Des

Arriv

Any transit mode

Train

Tram / Light rail

Prefe ✓ Bus

Subway

7:30pm

Get Directions

(Mon-Fri)
Lancaster
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Station

etrolink Station
trains.com

Next »

Prefer Any transit mode

✓ Best route

Fewer transfers

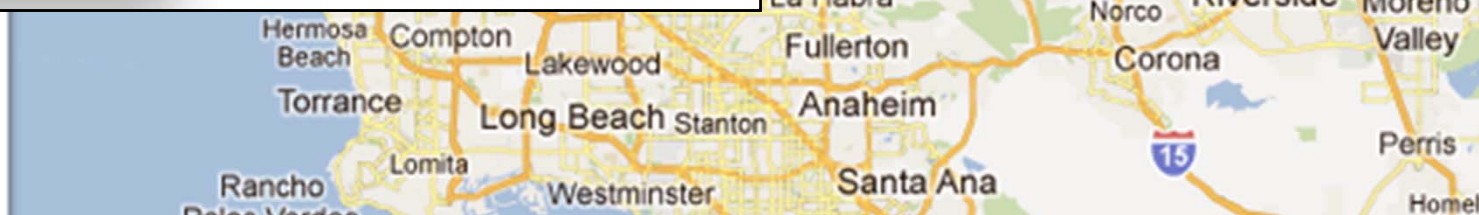
Less walking

Get Directions

Directions to Palmdale, CA

A

Victorville Victor Valley Transit Center



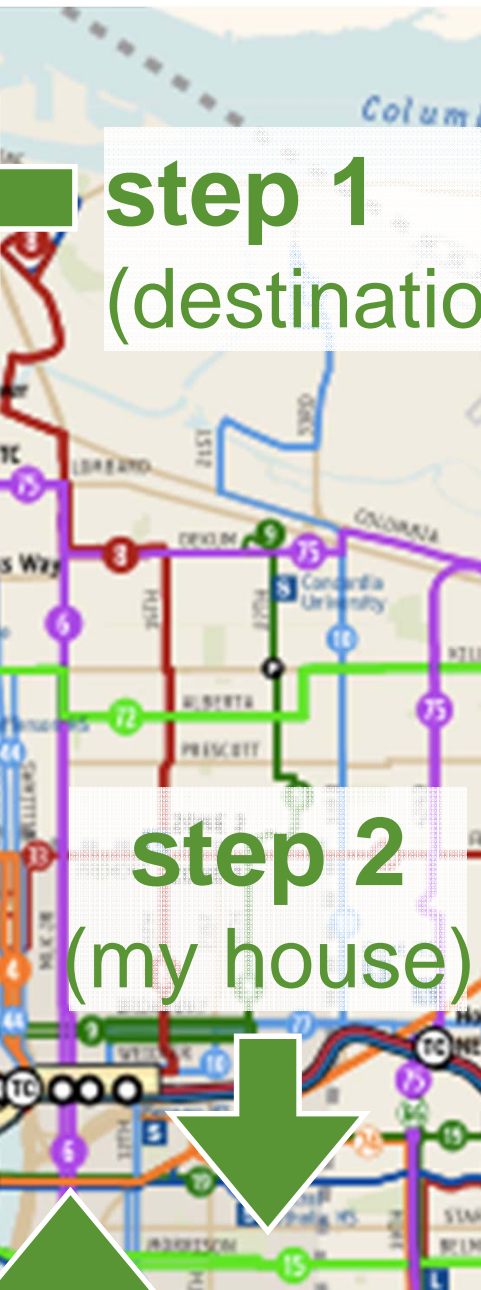
Google Transit?

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sit

and maps are unfamiliar/hard
to-use

- Google Transit is a familiar
format for public transportation
information
- Most Americans on the web
- Plans inter-agency itineraries
- Shows transit as an alternative
to driving Interface in 12 different
languages Available on mobile
devices like iPhones and



step 1
(destination)

step 2
(my house)

step 3

TRIMET
See where it takes you.

6-Martin Luther King Jr Blvd

Weekday To Jantzen Beach

SW 12th & Columbia Stop ID 1114	SW Columbia between 5th & 4th Stop ID 12794	NE Grand & Pacific Stop ID 2175	NE M.L. King & Alberta Stop ID 5690	N Lombard & Interstate Stop ID 3607	Jantzen Beach Main Stop In Stop ID 3029
5:12	5:16	5:25	5:33	5:41	5:50
5:32	5:36	5:45	5:53	6:01	6:11
5:52	5:56	6:05	6:13	6:21	6:31
6:06	6:10	6:20	6:28	6:36	6:46
6:21	6:25	6:35	6:43	6:52	7:02
6:36	6:40	6:50	6:58	7:07	7:17
6:51	6:55	7:05	7:14	7:24	7:34
7:06	7:09	7:20	7:30	7:40	7:50
7:19	7:24	7:35	7:45	7:55	8:06
7:34	7:39	7:50	8:00	8:10	8:20
7:48	7:53	8:05	8:15	8:25	8:36
8:03	8:07	8:20	8:30	8:40	8:50
8:18	8:23	8:35	8:45	8:55	9:06
8:33	8:37	8:50	9:00	9:10	9:20
8:48	8:53	9:05	9:15	9:25	9:36
9:03	9:07	9:20	9:30	9:40	9:50
9:18	9:24	9:35	9:45	9:55	10:06
9:33	9:37	9:50	10:00	10:10	10:20
9:48	9:53	10:05	10:15	10:25	10:36
10:03	10:07	10:20	10:30	10:40	10:50
10:18	10:24	10:35	10:45	10:55	11:06
10:33	10:37	10:50	11:00	11:10	11:20
10:48	10:53	11:05	11:15	11:25	11:36
11:03	11:07	11:20	11:30	11:40	11:50
11:18	11:24	11:35	11:45	11:55	12:06
11:33	11:37	11:50	12:00	12:10	12:20
11:48	11:53	12:05	12:15	12:25	12:36
12:03	12:08	12:20	12:31	12:43	12:55
12:18	12:23	12:35	12:46	12:58	1:11
12:33	12:38	12:50	1:02	1:14	1:27
12:48	12:53	1:05	1:17	1:29	1:42
1:04	1:09	1:21	1:33	1:45	1:58

step 5
(transfer timing point)

step 4
(destination timing point)

TRIMET
See where it takes you.

15-Belmont

Weekday To Portland C

NE Sandy & Parkrose Transit Center Stop ID 5050	SE 102nd & Washington Stop ID 5629	SE Stark & 82nd Stop ID 5499	SE Belmont & 60th Stop ID 451	SE Belmont & 38th Stop ID 426	SE Morrison & 12th Stop ID 12th
4:41	4:52	5:01	5:07	5:11	5:14
5:07	5:18	5:27	5:33	5:37	5:41
5:21	5:32	5:41	5:47	5:51	5:55
5:35	5:46	5:55	6:02	6:06	6:11
5:50	6:01	6:11	6:17	6:21	6:25
6:02	6:13	6:23	6:29	6:34	6:38
—	—	Y6:30	6:35	6:41	6:45
6:13	6:24	6:34	6:40	6:45	6:49
—	—	Y6:40	6:45	6:51	6:55
6:25	6:36	6:46	6:52	6:57	7:01
—	—	Y6:51	6:57	7:03	7:07
6:35	6:46	6:56	7:02	7:07	7:11
—	—	Y7:00	7:07	7:13	7:17
—	—	Y7:04	7:11	7:17	7:21
6:45	6:56	7:06	7:12	7:18	7:22
—	—	Y7:13	7:20	7:26	7:30
6:57	7:09	7:19	7:25	7:31	7:35
—	—	Y7:25	7:32	7:38	7:42
7:08	7:20	7:30	7:37	7:43	7:47
—	—	Y7:36	7:43	7:49	7:53
7:19	7:31	7:41	7:48	7:54	7:58
—	—	Y7:47	7:54	8:00	8:04
7:31	7:43	7:53	8:00	8:06	8:10
—	—	Y7:59	8:06	8:12	8:16
7:41	7:53	8:03	8:10	8:16	8:20
—	—	Y8:10	8:17	8:22	8:26
—	—	Y8:15	8:22	8:27	8:31
7:57	8:09	8:19	8:26	8:31	8:35
—	—	Y8:26	8:33	8:39	8:43
8:11	8:23	8:33	8:40	8:46	8:50
—	—	Y8:41	8:48	8:53	8:57
8:25	8:38	8:48	8:55	9:01	9:05
—	—	Y8:55	9:02	9:08	9:12
8:47	8:59	9:09	9:16	9:22	9:26

step 6
(transfer timing point)

step 7



Result of Florida stud

Almost **half of participants** were unable to correctly identify bus times using the tabular schedules.

Design Elements of Effective Transit Information Materials,

National Center for Transit Research at the University of South Florida

(<http://www.nctr.usf.edu/pdf/527-12.pdf>)

What is the most common internet activity for Americans is to “search for a map or driving directions,” (87%) behind only email and using search engines.

What is the most common internet activity for Americans is to “search for a map or driving directions,” (87%) behind only email and using search engines.



Source: Pew Internet & American Life Project,
(http://www.pewinternet.org/pdfs/PIP_Internet_and_Life.pdf)

sit? Most
Americans use
Internet

the web

- **73% of all Americans are internet users**
- 63% of people in rural areas
- 53% of < \$30k/year income households
- 71% of 50-64 year olds
- 88% of 18-29 year olds

Source: Pew Internet & American Life Project,
(http://www.pewinternet.org/pdfs/PIP_Internet_and_Digital_Life.pdf)

agency trip ing

Directions to Crescent City, CA
CA

\$23.90 (vs. \$49.74 driving!)
Travel time: about 3 hours 51 mins

details

Simple Route - Direction: H & 3rd
by Eureka Transit Service - (707) 443-0826

Depart H & Huntoon
12 mins
Arrive 6th & O

Online - Direction: Northbound: Valley West
make transfer
by Redwood Transit System - (707) 443-0826

Depart 5th & O Streets, Eureka
14 mins
Arrive Arcata Transit Center

Smith River / Arcata -
Northbound: Smith River
make transfer
by Redwood Coast Transit - 707-464-6400

Depart Arcata Transit Center
2 hours 8 mins
Arrive Ray's Food Place
[information - redwoodcoasttransit.org](http://redwoodcoasttransit.org)

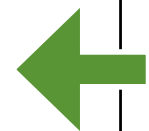
Crescent City, CA

details

Portland
(city)



Eureka (city)



Humboldt
County



Tillamook
County



Del Norte
County

Showing Trip 1 Travel time: about 3 hours

Walk to N Tomahawk & Jantzen Dr
About 3 mins
Show details

Bus - 6 - Martin Luther King Jr Blvd -
Direction: Jantzen Beach
Service run by TriMet - 503-238-7433

1:56pm Depart N Tomahawk & Jantzen Dr (11819)
2 mins
1:58pm Arrive Jantzen Beach Main Stop/ Ir (ID: 3029)
[Route Information - trimet.org](http://trimet.org)

Continues as 6 - Martin Luther King Jr Blvd (stop board) - Direction: Portland

1:58pm Depart Jantzen Beach Main Stop/ Ir (ID: 3029)
51 mins
2:49pm Arrive NE M L King & Wasco (Stop ID: 12801)
[Route Information - trimet.org](http://trimet.org)

Bus - 77 - Broadway/Halsey - Direction: Montgo Park
13 mins to make transfer

3:02pm Depart NE Multnomah & Grand (Stop ID: 4043)
7 mins
3:09pm Arrive NW Station Way & Union Sta (Stop ID: 12801)
[Route Information - trimet.org](http://trimet.org)

Bus - 5 - Tillamook - Portland - Direction: 2nd & 6 mins to make transfer
Service run by Tillamook County Transportation District 815-TCTD (8283)

3:15pm Depart Union Station, Portland
1 hour 45 mins
5:00pm Arrive 2nd & Laurel

Walk to Tillamook, OR
About 4 mins

Inter-agency trip planning

Travel time: about 6 hours 13 mins

Transit Center
Details
Change Crab Route - Direction: Astoria
by Sunset Empire Transportation District - 6
Depart Senior Center
mins
Arrive Astoria Transit Center
Link Salmon Route - Direction: Astoria
Make transfer
Depart Astoria Transit Center
mins
Arrive Avenue A(Northbound)
by Sea Gull Route - Direction: Seaside
Make transfer
Depart Avenue A(Southbound)
hour 4 mins
Arrive Manzanita
Tillamook - Manzanita/Cannon Beach - Southbound / Tillamook
Make transfer
by Tillamook County Transportation District TD (8283)
Depart Manzanita
5 mins
Arrive 2nd & Laurel
ation - tillamookbus.com
Tillamook - Portland - Direction: Eastbound /
Make transfer
Depart 2nd & Laurel

walking
directions
Sunset


Empire
Transportation
District

transfer
duration

TriMet


route timetable link


Tillamook
County
Transportation
District


 [Light rail](#) - MAX Red Line - Direction: Astoria
8 mins to make transfer
Service run by TriMet - 503-238-7433

2:28pm	Depart Sunset Transit Center (Stop ID: 9969)
:	58 mins
3:26pm	Arrive Portland Int'l Airport (Stop ID: 10579)

[Route Information - trimet.org](#)

 [Walk](#) to Portland International Airport
About 3 mins

 **Show details**

 Portland International Airport
Portland, OR 97218

Sponsored Links

[Portland Airport Hotels](#)
Portland Airport Hotel Reservations
Low Price Guarantee 800-916-8592
www.Hotels-For-Everyone.com
Oregon

Local agency information:
Contains more information on fares, schedules, and advisories

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Find businesses, addresses and places of interest. [Learn more.](#)

[Search Maps](#) [Show se](#)

[Get Directions](#) [My Maps](#)

A 3005 SE Morrison St, Portland, OR 97214
B 909 N Hayden Island Dr, Portland, OR 97217 (Red Lion Hotel)

[Add Destination](#) - [Show options](#)

By car

[Get Directions](#)

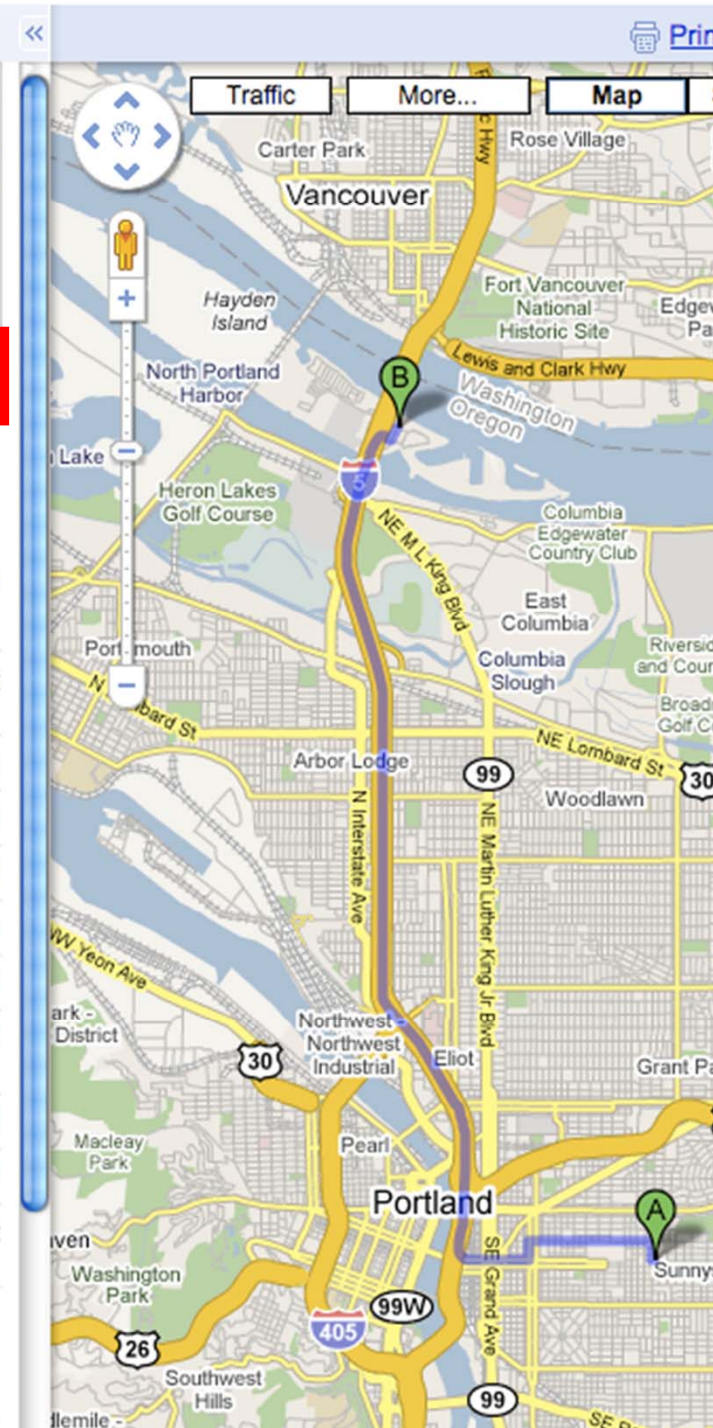
Also available: [Public Transit](#)

Driving directions to Red Lion Hotel on the River - Jantzen Beach

8.8 mi – about 15 mins

- A** 3005 SE Morrison St
Portland, OR 97214
1. Head west on SE Morrison St toward SE 30th Ave 92 ft
 2. Turn right at SE 30th Ave 0.1 mi
 3. Turn left at SE Stark St 1.0 mi
 4. Turn left at SE 11th Ave 0.1 mi
 5. Turn right at SE Morrison St 0.5 mi
 6. Merge onto I-5 N via the ramp to Seattle 6.6 mi
 7. Take exit 308 toward N Tomahawk Island Dr 0.2 mi
 8. Slight right at N Tomahawk Island Dr 0.1 mi
 9. Turn left at N Jantzen Dr 0.1 mi
 10. Turn left at N Hayden Island Dr 20 ft
Destination will be on the right

B Red Lion Hotel on the River - Jantzen Beach
909 N Hayden Island Dr
Portland, OR 97217



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ages



from: 3005 SE Morrison St, Portland, OR 97214 to: 909 N Hayden Is

Busca empresas, direcciones y lugares de interés. [Más información](#)

Buscar en mapa

Cómo llegar [Mis mapas](#)

A 3005 SE Morrison St, Portland, OR 97214

B 909 N Hayden Island Dr, Portland, OR 97217 (Red Lic

Añadir destino - [Mostrar opciones](#)

En transporte público

Cómo llegar

También disponibles: [En coche](#)

Rutas alternativas ▲

Rutas sugeridas con las próximas salidas:

1: 15:05 - 16:20 (1h 15 min)



2: 15:20 - 16:35 (1h 15 min)



3: 15:17 - 16:35 (1h 19 min)



Indicaciones de ruta en transporte público para Red Lion Hotel on the River - Jantzen Beach

A 3005 SE Morrison St
Portland, OR 97214

US\$ 2,00 ([frente a \\$5.13 de conducción](#))

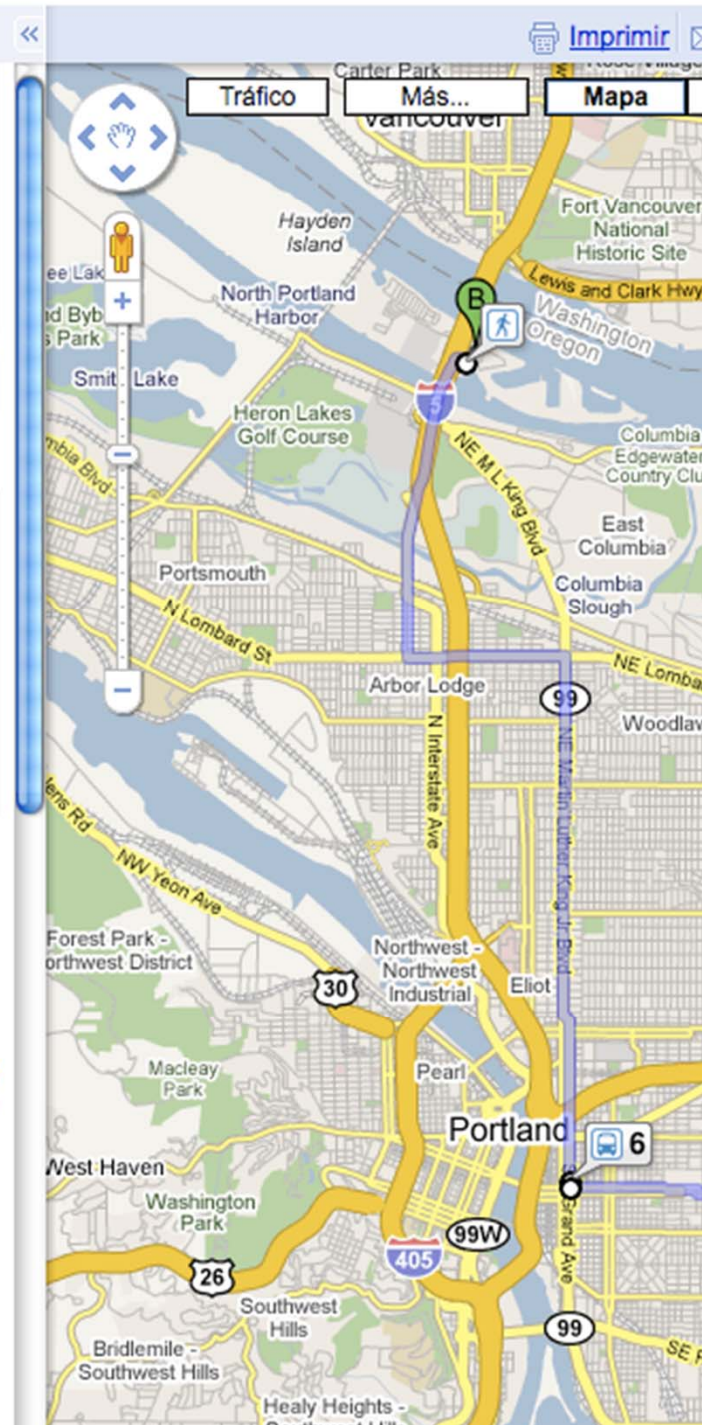
Se muestra el Duración del viaje: alrededor de 1h 15 min
Viaje 1

[Camine](#) hasta SE Belmont & 30th
Aproximadamente 2 min

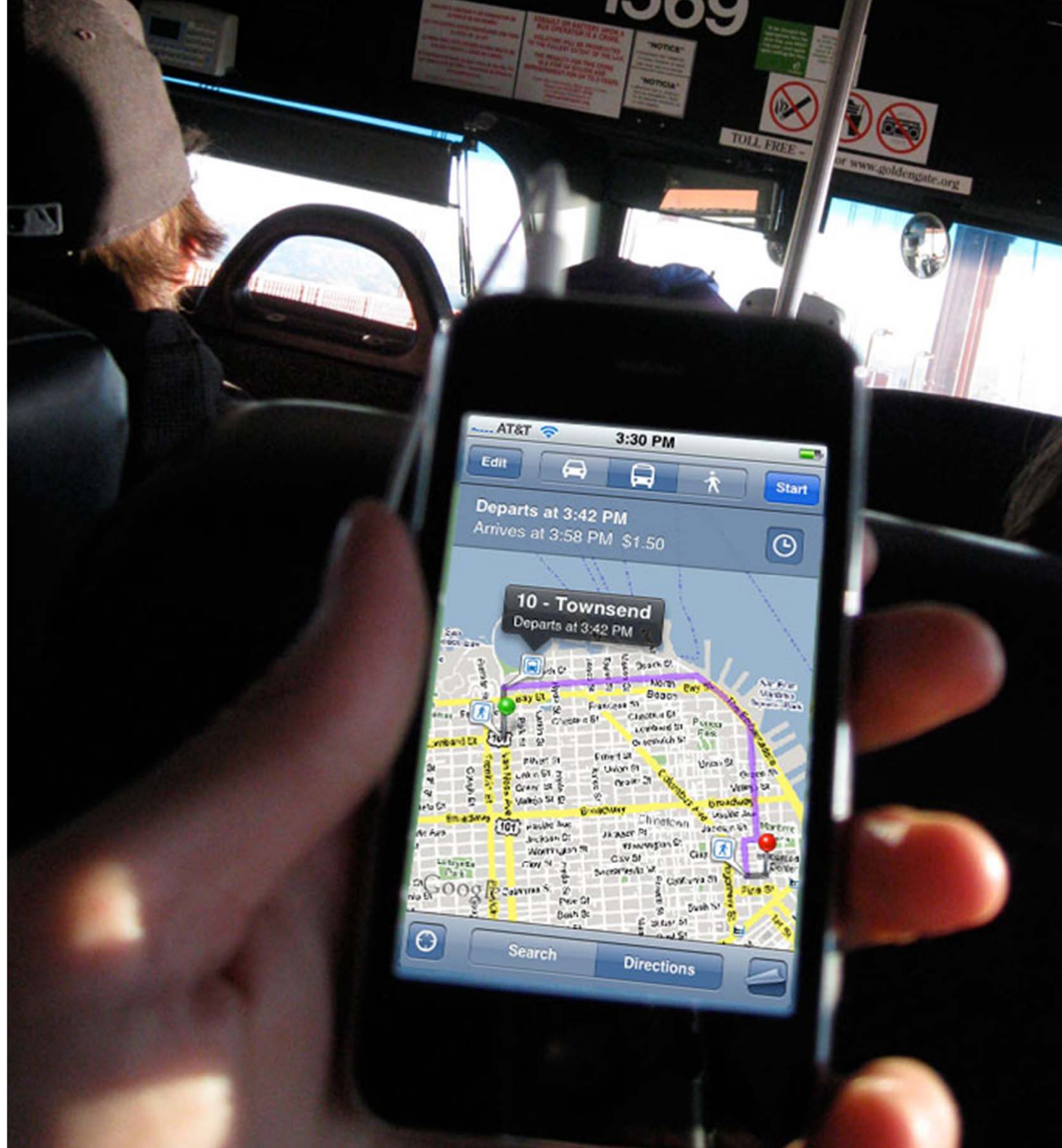
[Mostrar detalles](#)

[Autobus](#) - 15 - Belmont - Dirección: Montgomery Park
Servicio ofrecido por TriMet - 503-238-7433

15:07 Salida de SE Belmont & 30th (ID de parada:



sit? Available
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sit? Transit
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1.1 mi

(Stop S)



Hyde Park Corner (Stop N)



Knightsbridge Station Harrods (S
KC)



Brompton Square (Stop KU)



Victoria and Albert Museum (Sto



South Kensington (Stop S)



Get off and walk to Natural History
Museum, Natural History Museum
Cromwell Road, London SW7 5,
United Kingdom

Arrives at 12:13pm



2 min (0.1 mi)

1. Walking directions (beta): use
caution.

Head northeast on Thurloe

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participation from any
route agency.

Participation is
free.

However, agencies need
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Specification (GTFS).

Agencies must agree to
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Animation decompressor
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Your browser must allow cookies in order to login.

Email Address:

Password:

Login

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- Software is updated to take advantage of changes and additions to the General Transit Feed Specification (GTFS)
- Support technician can see the

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contains little useful informat

Sorry, we don't have transit schedule data for a trip
from **Redding, CA** to **Susanville, CA** at the time
and date you specified.

[Get driving directions](#) from **Redding, CA** to
Susanville, CA.

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thorough approach:

Sorry, we don't have transit schedule data for a trip from Redding, CA to Susanville at the time and date you specified.

The Google Maps trip planner currently includes service schedules for these agencies in this area:

- ☐ Redding Area Bus Authority (website link), (530) 241-2877
- ☐ Sage Stage (website link), 530-233-6411
- ☐ Plumas Transit (website link), 530-283-XXXX

You can also try:

- ☐ Search businesses and organizations for "Transportation" in this area ([redacted])
- ☐ Get driving directions from Redding, CA to Susanville, CA.

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routes are not possible to include in Google Transit

- Google Transit does not show flags such as “must phone agency” or “must coordinate with driver” in the planner for demand-response style service.

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4 miles is the maximum
walking distance for the
Google Transit trip planner
rural areas, **travelers walk**
drive farther than 4 miles
access transit.



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community through Google Transit Support Group and GTFS changes group

Welcome to the [Google Transit Partner](#) Support Discussion Group!

A private community where public transportation agencies, operators, and other data providers working with Google can ask questions and exchange knowledge about how to best structure their data. If you'd like to find out just what Google Help groups are and how they work, please check out our [group charter](#) and the [quick start guide](#).

Google employees, known as "Google Transit Guides," will be popping in from time to time to post announcements, share tips, and answer questions.

Search b

When reporting a problem with a feed please provide the URL of your feed so that other people can take a look and help you. If you don't have a [file upload site](#). It is helpful to include your agency id (often city-region-countrycode, ie portland-or-us) too.

» Before getting started, have you checked:

[Google Transit Partner FAQs?](#) | [Google Transit Feed Specifications?](#) | [Google Transit Best Practices](#) ?



[Tips and Tricks](#)

Useful hints and recipes for implementing some features on Google Transit. Please check our [FAQs](#) before posting.



[Troubleshooting](#)

For help resolving technical or feed issues on Google Transit. Note: the best way to report a problem is by [filling out this form](#). Please also check our [Issues page](#) before posting.



[Announcements](#)

For the latest news or tips on using Google Transit, straight from the Google Transit team. Please also check our [Google Earth and Maps Team Blog](#).



[Feature Requests and Suggestions](#)

For discussion on new features and ideas for Google Transit.

2. Alternatives exist and are being developed: an open-source

of Google sit

cy website
nclude trip
er form

California Trip Planner

0 Lemon St, Riverside, CA

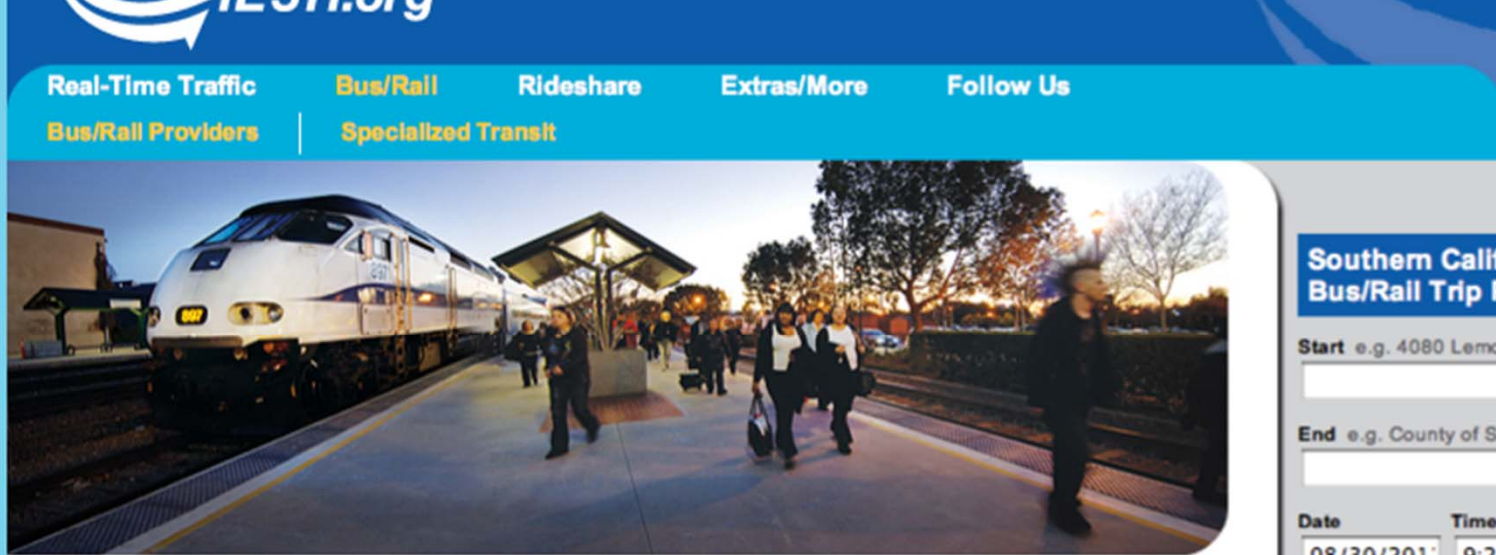
nty of San Bernardino

Time AM/PM

9:23


AM

Time



Real-Time Traffic | **Bus/Rail** | Rideshare | Extras/More | Follow Us

Bus/Rail Providers | Specialized Transit



Inland Empire Bus/Rail Providers

Make the choice to beat congestion, contribute to cleaner air, and reduce your carbon footprint, all at the same time. Try the bus or [Metrolink](#). Use the time to relax, read, go online, work or sleep and arrive at your destination relaxed.

Get door-to-door routing and travel times using our Bus/Rail Trip Planner powered by Google Transit.

The Inland Empire has two major transit agencies: [Riverside Transit Agency](#) in Riverside County and [Omnitrans](#) in San Bernardino County. In addition, there are a number of sub-regional bus services. These include:

Riverside County

- [Banning](#)
- [Beaumont](#)
- [Corona](#)
- [Palo Verde Valley Transit Authority](#)
- [SunLine Transit Agency](#)

San Bernardino County

- [Barstow](#)

Southern California Bus/Rail Trip Planner

Start e.g. 4080 Lemon St

End e.g. County of San Bernardino

Date 08/30/2017 Time 9:23 AM

Plan by Departure Time

[Get Directions](#)

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The Conference Hotel is the Bahia Resort located at 998 W. Mission Blvd.
San Diego, California 92109 Telephone: (858) 539-7700 Fax: (858) 481-1111
Single room rates are \$139.00 per night if reserved before February 13, 2009.
Reservations received after Friday, February 13, 2009 will be provided on a
space available basis at prevailing rates.

Reservations must be guaranteed by credit card or advance deposit and must be made
30 business days prior to arrival. Individual reservations will automatically be
billed for one night unless canceled 24 hours prior to arrival. To make a
reservation please call 800-576-4229 and tell them you are with the C
Conference.

Transportation

The airport is 6.5 miles from the Bahia
Resort and accessible by taxi or other
transportation shuttles. You can reserve a
ride with Cloud 9 Super Shuttle by visiting
www.supershuttle.com or you can reserve a
town car by calling Unique Tours and
Transportation at 800-316-4140.

 **Get transit directions**
From the San Diego airport to the
location

**Enter your starting
location**

San Diego Airport

To: Bahia Resort Hotel

☐ Depart at or ☒ Arrive at

3/16

8am

Get Directions

Powered by [Google Transit](#)
[Could your agency use Google Transit?](#)




[Final Agenda](#) (The Final Agenda is a large file. If you are having trouble
downloading it, you can [download an inside copy of the agenda information](#).)

of Google
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ake transit a
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someone
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the journal
Humboldt County, California


**BLUE LAKE RIDE**
MOTORCYCLE RALLY

SEPTEMBER
REGISTER


HomeMarketplaceWorkshopsReal EstateLegalsSpecial PublicationsSearch

NewsMusicArt+MoviesFoodOutdoorsCalendarBlogEx


... Beer! ...

**best of HUMBOLDT**

NEWS
North Coast
Journal Best Of
2011
Fifty-one weeks a year, we
at the North Coast
Journal give you the
lowdown on ...



SEVEN-O-HEAVEN
Talkin' 'Bout My
Curl




NEWS STORY
Wanted: Garbage
Collector
Almost a year after
opening its new power
plant in Eureka, Pacific
Gas and Electric ...

NEWS STORY
Map Quest
Redrawing the jagged,
meandering lines that
define Humboldt County's
five supervisorial districts
is no ...

MAILBOX
Best What?
Editor:
Recently I was casting my
vote for your "Best of
Humboldt" competition
(Aug. 18 ...


ON THE COVER / BY RYAN BURNS
Whose Arcata?
From pot growers and transients to goats and the
affluent, a city struggles to find its identity




It's one of those incredible
late-summer days in Arcata
when the air is so crisp and


THE HUM
This is Humboldt
(In a show of empathy, this
edition of The Hum is
dedicated to new/returning
...

THIS WEEK

**DOCTORS OF
OPTOMETRY**
**A
2 Z
E Y E
C A R E**
See the Difference!
Team A to Z



851 Bayside R
Arcata, CA
(In Sunny Brae at Cresen
707.822.7
www.atozeyec



ca Nationals

Tomorrow

8 p.m.

707-826-1195

Mosgo's

The Delta Nationals

Free

transit directions

our starting location

ester ave, arcata ca

G St, Arcata, CA

oldt State University

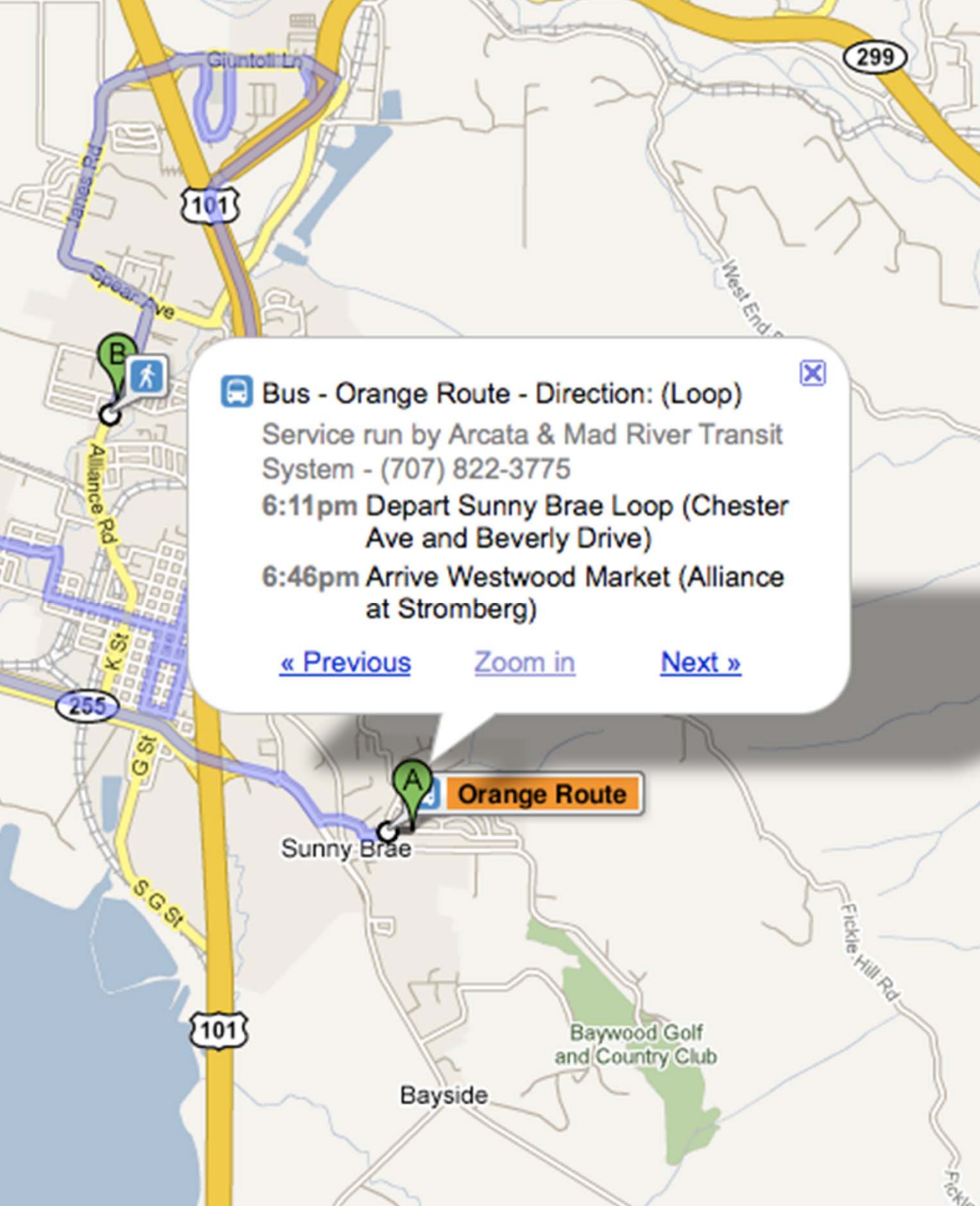
y 8 p.m. on Sept. 19,

ections

by Google Transit

ed by Green Wheels and

Online even
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Online event
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two clicks to
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events, using
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Specification, as a lightweight data
standard for transit geographic and
schedule data, has quickly become
increasingly ubiquitous
format.

and you don't have to be Google
to use it



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data

Feed Specification

- A lightweight standard format for transit schedule, fare, stop location, and service calendar data
- Open license for the standard (not owned by Google)
- In 4 years, has become the most commonly-used format for transit data: +200 North American agencies, many European and Asian agencies
- More at

of GTFS

c data makes
ld-wide
community of
opers your
ab



[Project Home](#) [Downloads](#) [Wiki](#) [Issues](#) [Source](#)

Search for

PublicFeeds
List of publicly-accessible transit data feeds


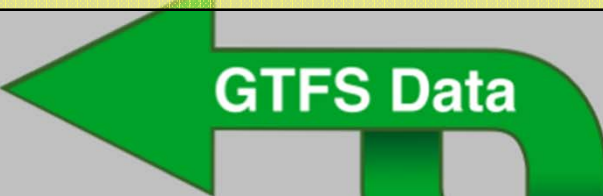
Updated Mar 11 (4 days ago) by [tom.brown.code](#)
Labels: [Featured](#)

This is a list of transit schedule data published by transit agencies and operators in [GTFS](#) format for developers to use. They contain scheduled times, stop locations, route information and optionally fare information and detailed route shapes.


For details on the feed format, see the [Google Transit Feed Specification](#) document.

Agency	Area	Feed Location	Notes
TriMet	Portland, OR	http://developer.trimet.org/schedule/GTFS/	Use is subject to the terms of their developer license
San Francisco	San Francisco	http://www.sfmta.com/gtfs	Use is subject to the terms of their developer license . Additional information available at http://www.sfmta.com/gtfs

<http://code.google.com/p/googletransitdatafeed/wiki/PublicFeeds>



[All Agencies](#) | [Recent Updates](#) [Upload GTFS File](#) | [Sign Up](#)

Transit Agencies Providing GTFS Data
View: [by Agency](#) | [by Location](#) | [by Last Update](#) | [as Table](#)
Filter: [All Sources](#) | [Official Sources](#)
Data is Available for 319 Transit Agencies.
 [RSS of All Updates](#)

A

Use of GTFS

*Improve your
investment:*

advantage
user uses for
Google Transit
data



Sendero G

GTFS can be used to create a
transit point of interest
for sight-impaired people
with talking GPS



Use of GTFS

Improve your Investment:

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South Florida pilot project utilizes GPS and mobile phones to tell riders with special needs when to alight from the vehicle.

Travel Assistant Device

Using Cell Phone Technology to Aid Transit Riders

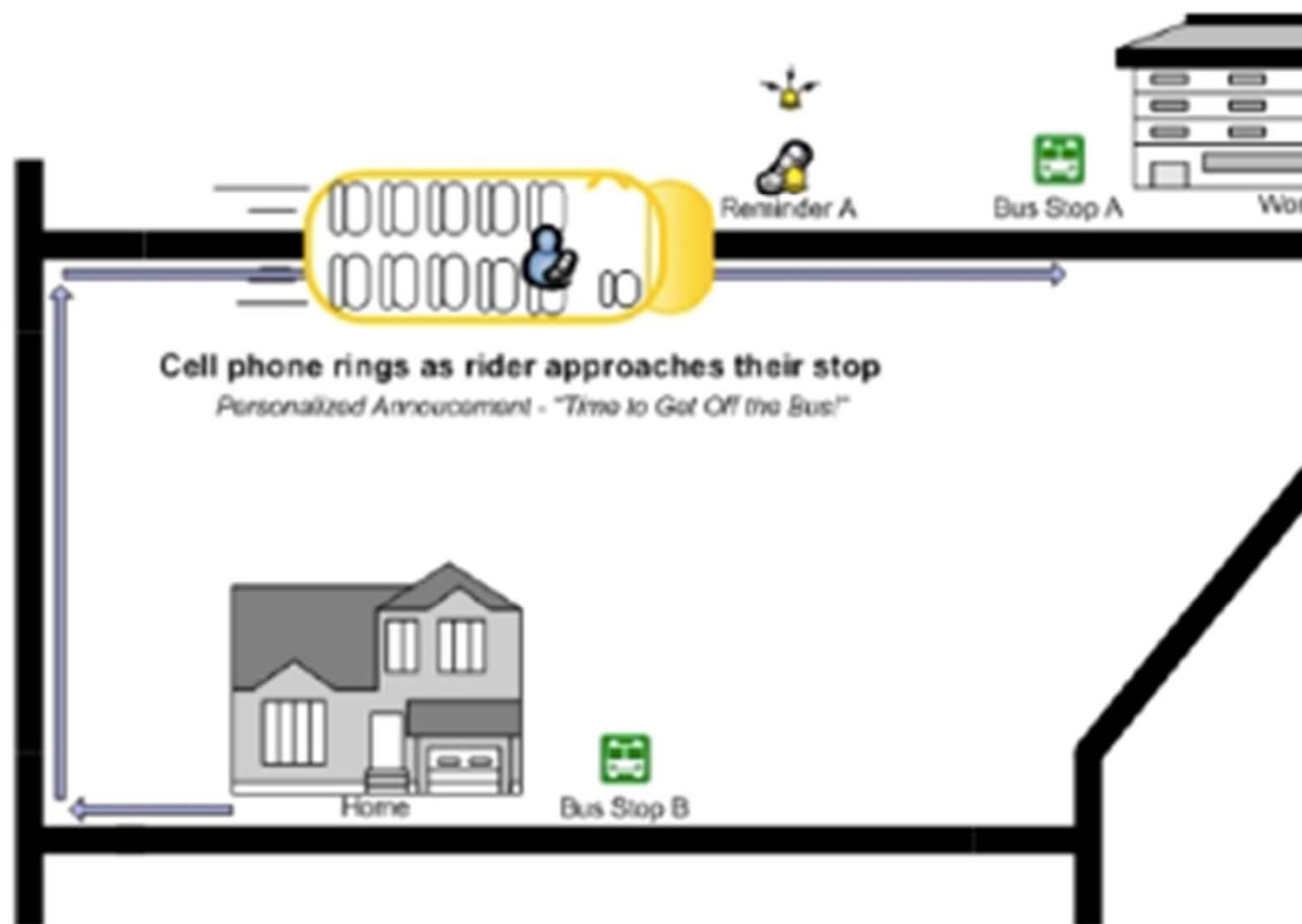


Figure 7 - Travel Assistant Device Concept

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TimeTable Publisher: P R I N T TimeTable Publisher: C O M P A R E

• [[Home](#) | [Configure](#) | **[Compare](#)** | [Print](#) | [Test](#) | [View](#) | [Vertical View](#)] ≈ [[Early S](#)
[Google Feed Spec Data](#)] •

☐ single pdf (proofing) ☐ bypass conf

Service Date (on / after):

2nd Service Date (to compare):

Time Buffer (in minutes):

Bear Transit - UC Berkeley Shuttle -- A
Bear Transit - UC Berkeley Shuttle -- C
Bear Transit - UC Berkeley Shuttle -- D
Bear Transit - UC Berkeley Shuttle -- E
Bear Transit - UC Berkeley Shuttle -- H
Bear Transit - UC Berkeley Shuttle -- N
Bear Transit - UC Berkeley Shuttle -- P
Bear Transit - UC Berkeley Shuttle -- R

Route	Timepoint Diff	Stop T
104-A Line (Weekday - Inbound)	no change in timepoints	no change
104-A Line (Weekday - Outbound)	no change in timepoints	no change
104-A Line (Saturday - Inbound)	no change in timepoints	no change
104-A Line (Saturday - Outbound)	no change in timepoints	no change
104-A Line (Sunday - Inbound)	no change in timepoints	no change
104-A Line (Sunday - Outbound)	no change in timepoints	no change

TimeTable Publisher:

takes what was a multi-day
process of proofreading
schedules into a few hours
process of automatically
outputting schedules (see
timetablepublisher.org)

Station: Shattuck Avenue @	Evans Hall: Hearst Mining Circle Side Stop ID 2532	Strawberry Canyon Recreational Area Stop ID 2590	UC Botanical Garden Stop ID 2592	Lawrence Hall of Science Stop ID 2579	Space Sciences Lab/MSRI Stop ID 2589	Lawrence Hall of Science Stop ID 2539	UC Botanical Garden Stop ID 2553	Strawberry Canyon Recreational Area Stop ID 2551	Evans Hall:
7:35	7:40	7:45	7:47	7:49	7:55	7:57	7:59	8:01	
—	8:10	8:15	8:17	8:19	8:25	8:27	8:29	8:31	
—	8:40	8:45	8:47	8:49	8:55	8:57	8:59	9:01	
—	9:10	9:15	9:17	9:19	9:25	9:27	9:29	9:31	
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—	10:10	10:15	10:17	10:19	10:25	10:27	10:29	10:31	
—	10:40	10:45	10:47	10:49	10:55	10:57	10:59	11:01	
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—	11:40	11:45	11:47	11:49	11:55	11:57	11:59	12:01	
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—	1:40	1:45	1:47	1:49	1:55	1:57	1:59	2:01	
—	2:10	2:15	2:17	2:19	2:25	2:27	2:29	2:31	
—	2:40	2:45	2:47	2:49	2:55	2:57	2:59	3:01	
—	3:10	3:15	3:17	3:19	3:25	3:27	3:29	3:31	
—	3:40	3:45	3:47	3:49	3:55	3:57	3:59	4:01	
—	4:10	4:15	4:17	4:19	4:25	4:27	4:29	4:31	
—	4:40	4:45	4:47	4:49	4:55	4:57	4:59	5:01	
—	5:10	5:15	5:17	5:19	5:25	5:27	5:29	5:31	
—	5:40	5:45	5:47	5:49	5:55	5:57	5:59	6:01	

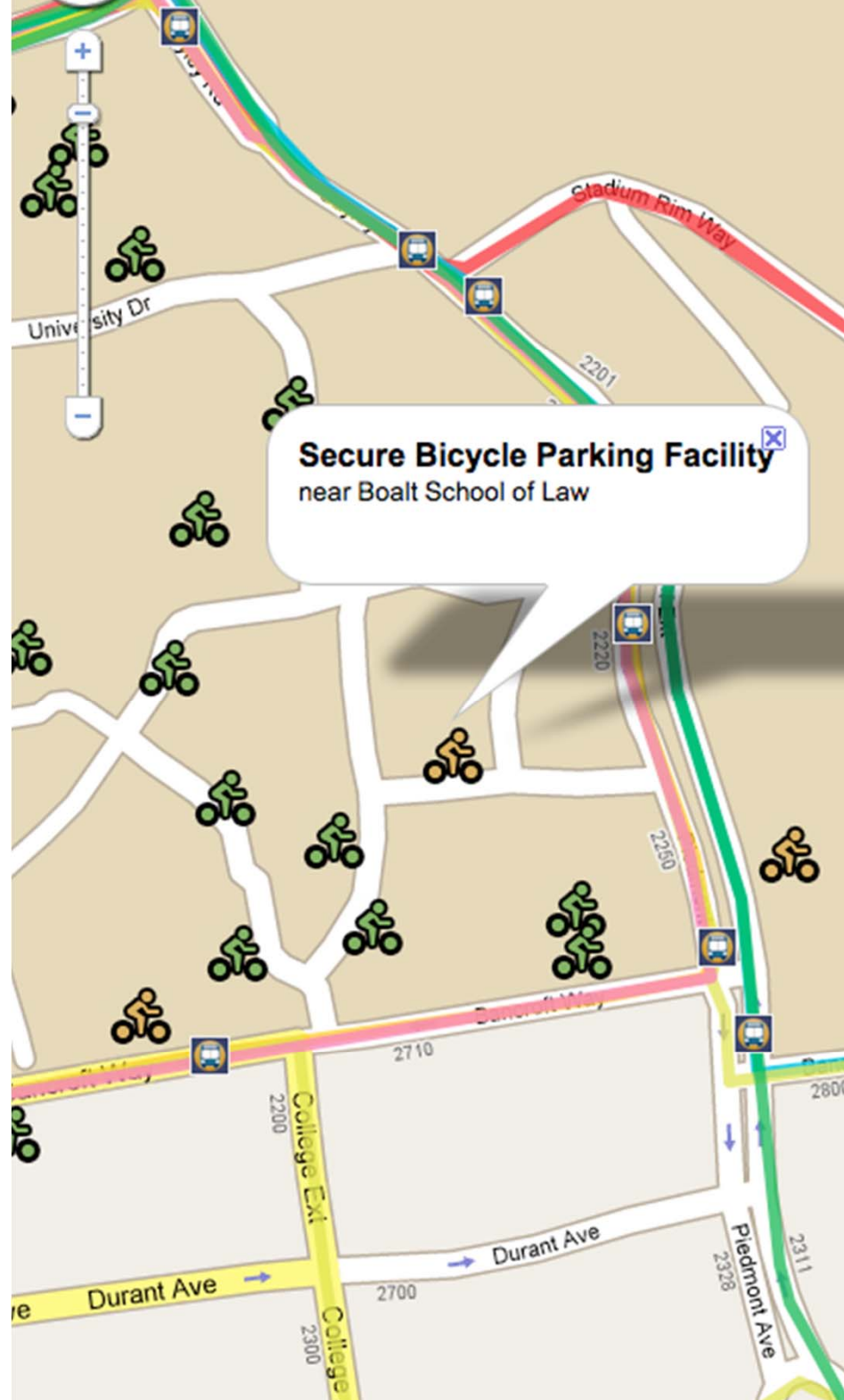
PARKING AND TRANSPORTATION

RT et	Warren Hall: West Crescent Side	Life Science Addition: West Circle Side	Moffitt Library: Memorial Glade Side	Campbell Hall: University Drive Side	Kroeber Hall: Bancroft Way @ College Avenue	ASUC: Bancroft Way @ Telegraph Avenue	To - (Se
	9:06pm	9:07pm	9:09pm	9:10pm	9:12pm	9:13pm	
	9:36pm	9:37pm	9:39pm	9:40pm	9:42pm	9:43pm	
	9:36pm	9:37pm	9:39pm	9:40pm	9:42pm	9:43pm	
	10:36pm	10:37pm	10:39pm	10:40pm	10:42pm	10:43pm	
	11:06pm	11:07pm	11:09pm	11:10pm	11:12pm	11:13pm	
	11:36pm	11:37pm	11:39pm	11:40pm	11:42pm	11:43pm	
	12:06am	12:07am	12:09am	12:10am	12:12am	12:13am	
	12:36am	12:37am	12:39am	12:40am	12:42am	12:43am	
	1:06am	1:07am	1:09am	1:10am	1:12am	1:13am	
	1:36am	1:37am	1:39am	1:40am	1:42am	1:43am	
	2:06am	2:07am	2:09am	2:10am	2:12am	2:13am	
	2:36am	2:37am	2:39am	2:40am	2:42am	2:43am	
RT	Warren Hall: West Crescent Side	Life Science Addition: West Circle Side	Moffitt Library: Memorial Glade Side	Campbell Hall: University Drive Side	Kroeber Hall: Bancroft Way @ College Avenue	ASUC: Bancroft Way @ Telegraph Avenue	To - (Se

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P&T PARKING AND TRANSIT

Click a **checkbox** to show or hide a route. Click a **name** to zoom into that route.



Zoom in to see **bus stops**. Click a **time** to see **times**.

[show all Bear Transit routes](#) | [hide all](#)

Daytime Shuttles: Monday - Friday

- ☒ [C Line](#)
- ☒ [H Line](#)
- ☒ [P Line](#)
- ☒ [R Line](#)
- ☒ [RFS Line](#)

Night Safety Shuttles: Every day

- ☒ [D Line](#)
- ☒ [E Line](#)

To-Your-Door Routes: Sunday - Friday

- ☒ [A Line](#)
- ☒ [N Line](#)

<input checked="" type="checkbox"/> Bike parking	<input type="checkbox"/> Car parking lot		
Bike rack	Secure bike rack	General lot	Accessible parking

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Walk Score™

Find a Walkable Place to Live.

[Walkable Neighborhoods](#) | [Why Walk?](#) | [Walkability](#) | [How It Works](#) | [How It Doesn't Work](#) | [R](#)

Get your Walk Score

Address:

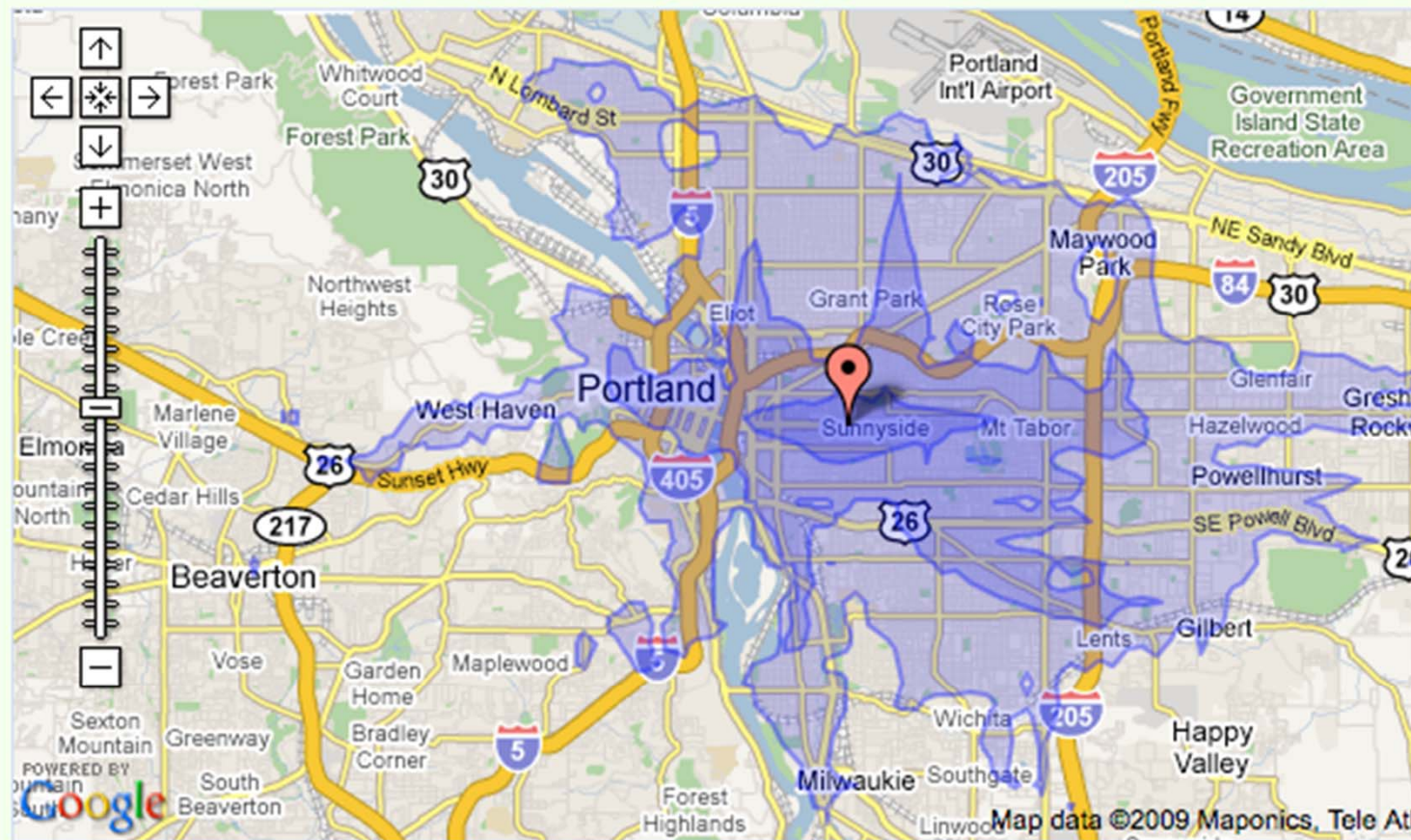
Go

Transit Time Map: Portland, 9:00am

Technology Preview

Click the map to see how far you can travel in 45 minutes on public transit.

Portland,



Travel time: 15 minutes 30 minutes 45 minutes

9:00am

Departure time:

Weekday



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+0 mi Go!

g number

Map View

Rail Lines

- ☒ MAX Blue Line
- ☒ MAX Red Line

Bus Routes

15, 14

Separate routes numbers with commas

[Learn more about transit search.](#)

Update Map

Refine Your Search

★ Save Search Link to Page

Price Range: to

Home Type: Houses & Condos

Square Feet: to

Bedrooms: to

Bathrooms: to

Text Search: Try words like fixer, waterfront or hardwood. [Learn more](#)

Lot Size: to

Days: to

Year Built: to

Parking Spaces: to

Near Transit: 1/2 mile from Trains/Buses

Walk Score™: to

Saved/Hidden Homes: *

Price dropped in the last: *

[Hide Unused Search Options](#)

Search Results

Address	Price	Bd	Sqft	Days
Page: Showing all 23 houses				
☆ 5005 SE LINCOLN ST	\$339k	3	2,180	3
☆ 2409 SE 51ST AVE	\$170k	1	598	3
☆ 3938 SE MADISON ST	\$340k	2	1,930	3

Real estate search site lets users search by **proximity to transit**. Estatefly obtains transit information from public Google Transit Feed Specification data.

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Find Plan S

Find

Welcome to Transit & Trails! Find trips, trailheads and campgrounds near you!

Just enter your address below, click Find and use the list below and the map to choose your next adventure. You can also double-click on the map to center your search on any spot.

[Welcome to our public beta!](#)


Start

Within miles of :

Find

37.77524, -122.41929


Featured Trips Trailheads Camp Grounds

 Name	Distance
1. Embarcadero to Ocean Beach	1.97
2. Sausalito to Stinson Beach	6.72
3. Sausalito to Muir Woods	6.72
4. Headlands Loop - CarFree Challenge Hike	6.73
5. Sweeney Ridge Skyline	10.41
6. Richmond to Lake Anza	13.40
7. Richmond to Grinda	13.40
8. Bollinas Ridge - Pantoll to Olema	13.44
9. Pacifica to Montara	13.97
10. Moraga to Oakland	17.15

Map

Trips Trailheads Camp

Map data ©2009 Tels

 BAY AREA | OPEN SPACE COUNCIL

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Applications

3rd party applications designed to
consume GTFS

Multi-modal trip planning

Show all relevant options –
including public transit, private
employer shuttles, carpool,
vanpool, biking, walking – through
a single map

Show interagency transfers

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ontripplanner.org

Open Transit openplans.org

Trip Planner

PLAN A TRIP

W 29 ST TO FULT

W 29 ST TO FULT

1: Tue, Aug 30th 9:34AM - Tue, Aug 30th 9:53AM

(0 transfers, 18 minutes)

Start at W 29 ST

Bike to BROADWAY

About 1 minute - 0.3 mi

1. Bike northwest on W 29 ST (0.1 mi)

2. Right at AV OF THE AMERICAS (0.2 mi)

3. Left at W 34 ST (53 ft)

4. Hard left at BROADWAY (104 ft)

Q

SUBWAY Q

9:36AM Depart 34TH STREET - HERALD SQ (To STILLWELL AVE. C.I.)

15 minutes

9:51AM Arrive DEKALB AVENUE

Bike to FULTON ST & FULTON ST

About 1 minute - 0.4 mi

1. Bike south on FLATBUSH AV EX (0.1 mi)

2. Right at DE KALB AV (0.1 mi)

3. Slight right at FULTON ST (0.2 mi)

End at FULTON ST & FULTON ST

Trip Details:

Travel Tue, Aug 30th 9:34AM

Valid August 30th, 2011 @ 9:34am

Time 18 minutes

Bike 0.7 mi

Reverse

Edit

Print

Link

License Attribution

1000 m | 5000 ft

-73.9624, 40.7728

	W 29 ST	AV OF THE AMERICAS
100'	0.1 mi	0.2 mi
0'		

nd Empire 511

ie511.org

gle Transit partner program

s.google.com/help/maps/transit/partners

gle Transit Feed Specification

.google.com/transit/spec/transit_feed_specification

um Solutions

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imaaron@trilliumtransit.com