

TriMet Trip Planning Assets

A Visual Description of all TriMet
Trip Planning Information Pages

November 2016

trimet.org

The screenshot shows the TriMet website interface. At the top, there's a blue header bar with the TriMet logo on the left and a "MENU" button on the right. Below the header are three main navigation tabs: "Trip Planner" (with a map icon), "TransitTracker" (with a clock icon), and "Service Alerts" (with a warning sign icon). A sub-header below these tabs says "Get arrivals in real-time." Underneath, there are two filtering options: "By Stop ID" and "By Line". A search bar contains the text "pdx". Below the search bar is a list of MAX station results:

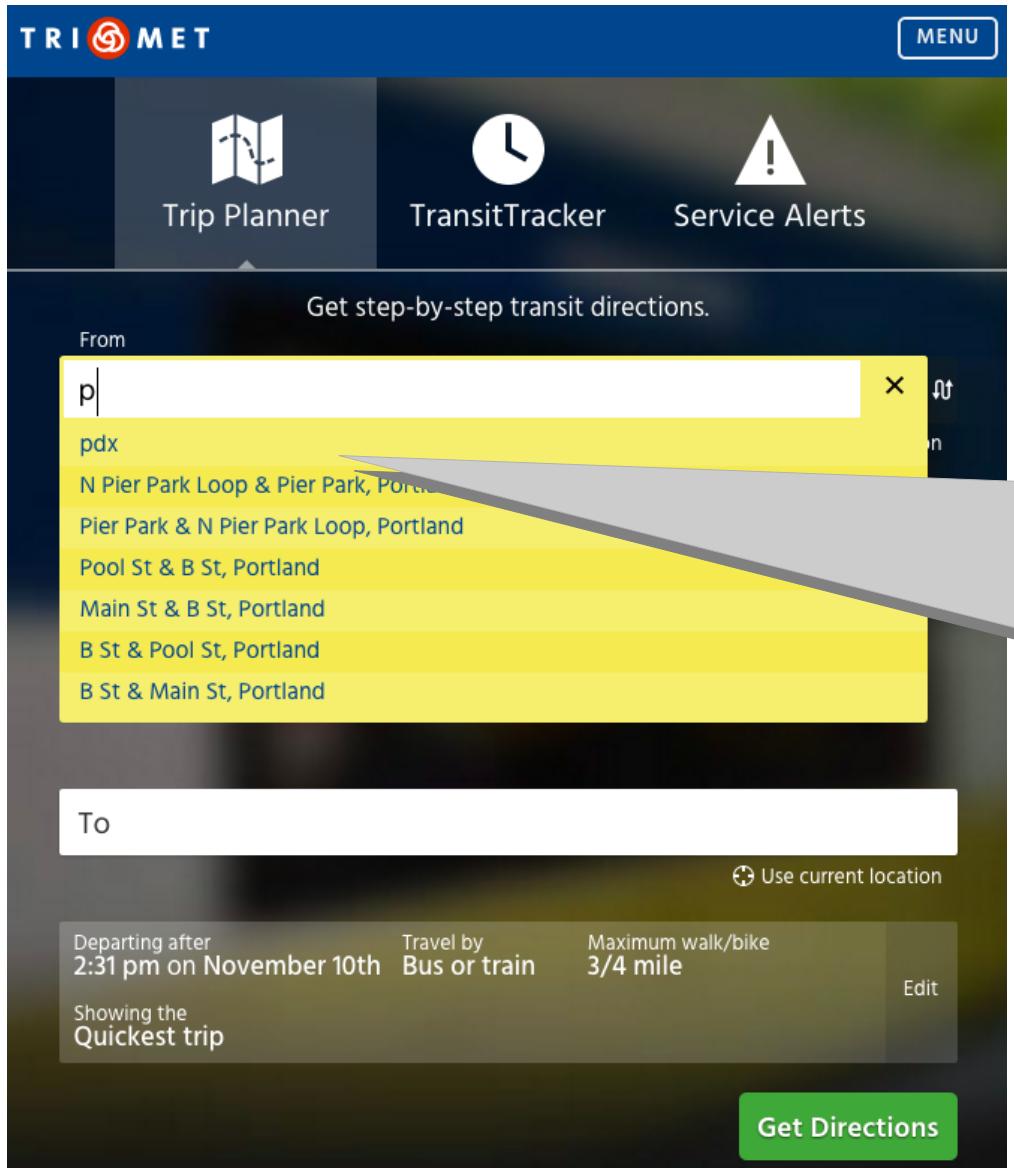
- Cascades MAX Station W - 10574
- Cascades MAX Station E - 10575
- NE 33rd Dr & Sunderland N - 9339 (70)
- Mt Hood Ave MAX Station N - 10576
- Mt Hood Ave MAX Station S - 10577
- Portland Int'l Airport MAX Station - 10579

A green "Get Arrivals" button is located at the bottom right of the list.

Things to look at:

- SOLR on TransitTracker tab
- *Stops Only* query
- Route data in SOLR response

trimet.org/#planner



Things to look at:

- SOLR also on Planner tab
- Trip Form is hand built outside of OTP. If OTP's parameters change (e.g., 'TRAINISH'), then this page must also change.

trimet.org/#planner

The screenshot shows the TriMet trip planner interface. At the top, there's a header with the TriMet logo, a menu button, and links for Trip Planner, TransitTracker, and Service Alerts. Below the header, the search fields show "From PDX" and "To ZOO". A note indicates the trip departs at 2:42pm on Thursday, November 10, 2016, using Transit. The quickest trip has a maximum walk of 3/4 mile and a fare of \$2.50 for adults. There are "EDIT TRIP" and "PRINT" buttons. The results section shows three options:

- Best bet**: 56 mins, 0 transfers
- Option 2**: 57 mins, 0 transfers
- Option 3**: 57 mins, 0 transfers

The "Best bet" route details are expanded, showing steps:

- Go to Portland Int'l Airport MAX Station (Stop ID 10579)
- 2:42pm Board MAX Red Line to City Center & Beaverton (⚠️)
- 3:34pm Get off at Washington Park MAX Station (Stop ID 10121)
- Walk 711 feet to ZOO

A warning message at the bottom states: "⚠️ MAX lines will likely experience major delays this evening due to planned protests in Portland City Center, PSU, the Lloyd District and Mt. Tabor. Plan extra time and consider leaving Downtown Portland in advance of protests set for 5 p.m. at Pioneer Courthouse Square and Waterfront Park. Some MAX stations may close for safety reasons. Thanks for

Things to look at:

- Custom rendering of trip planner itineraries
- Alerts for the returned itinerary come from OTP
- If OTP presents new data, ala *predicted* arrival times, then this interface may need to change to show any additional information.

trimet.org/#planner

The screenshot shows the TRIMET trip planner interface. At the top, there's a blue header with the TRIMET logo and a "MENU" button. Below the header are three main links: "Trip Planner" (selected), "TransitTracker", and "Service Alerts". The main content area shows a trip from "PDX" to "ZOO". It indicates the trip departs at 2:42pm on Thursday, November 10, 2016, using Transit. The quickest trip has a maximum walk of 3/4 mile and a fare of \$2.50 for adults. There are "EDIT TRIP" and "PRINT" buttons below the departure information. Three options are listed: "Best bet" (56 mins, 0 transfers), "Option 2" (57 mins, 0 transfers), and "Option 3" (57 mins, 0 transfers). A large map at the bottom shows the route from Portland Int'l Airport MAX Station to the Zoo, with a red line indicating the path.

Things to look at:

Info draws in this interface currently show *static* map images.

This is a place where the marketing folks would like to show an *interactive* map in the future.

Guessing this interactive map would render only a part of the returned trip itinerary

trimet.org/#planner

The screenshot shows the TRIMET trip planner interface. At the top, there are links for Trip Planner (with a map icon), TransitTracker (with a clock icon), and Service Alerts (with an exclamation mark icon). A "MENU" button is in the top right. Below the header, the trip details are shown: "From PDX To ZOO". It indicates the trip departs at 2:42pm on Thursday, November 10, 2016, using Transit. The quickest trip has a maximum walk of 3/4 mile and a fare of \$2.50 for adults. There are "EDIT TRIP" and "PRINT" buttons. Below this, three route options are listed: "Best bet" (56 mins, 0 transfers), "Option 2" (57 mins, 0 transfers), and "Option 3" (57 mins, 0 transfers). A dropdown menu shows the first stop: "Go to Portland Int'l Airport MAX Station Stop ID 10579". The main route information shows boarding the MAX Red Line to City Center & Beaverton at 2:42pm. At the bottom, there are links to "Check TransitTracker", "View route map", and "View full schedule". Another dropdown menu shows the final stop: "3:34pm Get off at Washington Park MAX Station Stop ID 10121". The footer includes a link to "trimet.org/fares/index.htm".

Things to look at:

Like other trip interfaces, there are links to route and stop pages relevant to the given trip itinerary.

Here we have links to TransitTracker, a static route map and a stop schedule.

Two of these links currently point off to other web pages

trimet.org Text Planner Links

The screenshot shows the TriMet website's text-based trip planner. At the top, it says "Your trip on TriMet". Below that, the trip details are listed: From PDX, To ZOO, and When Friday, November 11, 2016. Three options are shown: "Best bet" (56 mins, 0 transfers), "Option 2" (56 mins, 0 transfers), and "Option 3" (56 mins, 0 transfers). The "Best bet" option is highlighted with a dark background. Below the options, the itinerary is detailed:

- 1 Go to Portland Int'l Airport MAX Station Stop ID 10579
- 2 11:57am Board MAX Red Line to City Center & Beaverton
- 3 12:49pm Get off at Washington Park MAX Station Stop ID 10121
- 4 Walk 711 feet to ZOO

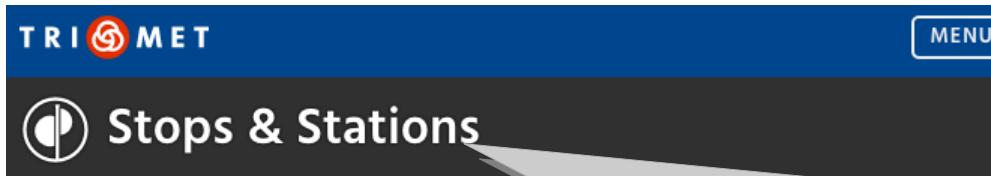
Below the walk step, there is a numbered list of 7 sub-steps: 1. Walk 227 feet east from Washington Park (path) 2. Turn right on path 3. Walk 34 feet south on path 4. Take the elevator to level default level 5. Continue 145 feet south on path 6. Turn right on Southwest Zoo Road 7. Walk 304 feet south on Southwest Zoo Road

A small callout box on the right provides elevation information: Elevation gain: 0.0 feet, Elevation loss: -5.7 feet, and a link to an Elevation chart.

Things to look at:

- This is (slightly) older text planner.
- This interface still shows up in places on trimet.org (and it will continue without a lot of investment into the SPA)
- This interface has links to *stop*, *stop schedule* and *route* pages built into the itinerary
- There are also *static* map pages in this UI. The plan was to move toward embedded *interactive* map widgets. (e.g., text on the page might be made interactive, ala walk steps move map, etc...)

trimet.org Stop Select List



Find stops and stations near:

- pdx
- pdx
- PDX, Portland
- Cascades MAX Station, Portland (Stop ID 10574)
- Cascades MAX Station, Portland (Stop ID 10575)
- NE 33rd Dr & Sunderland, Portland (Stop ID 9339)
- Mt Hood Ave MAX Station, Portland (Stop ID 10576)
- Mt Hood Ave MAX Station, Portland (Stop ID 10577)

Select a line:

Select

Related

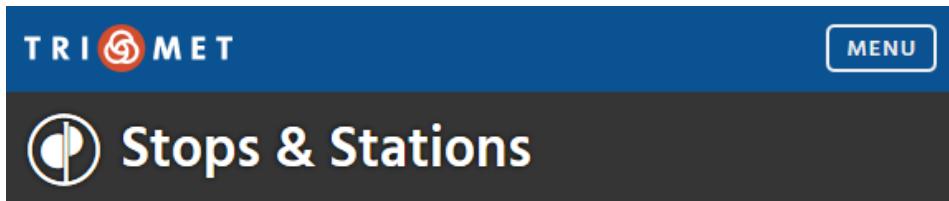
[Transit Centers](#)

[MAX Light Rail stations](#)

Things to look at:

- In the previous pages, we saw links from the itinerary to *Stop*, *Stop Schedule* and *Route* pages
- This page here appears on trimet.org, and is yet another way into the *Stop* and *Schedule* pages.
- Note that we use SOLR here.
- Further, note that stops appear high in the search results
- Further note that there's also a Route and RouteStop selection user flow.

trimet.org Nearest Stops List



Stops near PDX, Portland [Map](#)

[Portland Int'l Airport MAX Station](#)

Stop ID 10579

0.11 miles away | [Walking directions](#)

Served by: [MAX Red](#)

[NE Columbia Blvd & 52nd \(NAYA\) Westbound](#)

Stop ID 11009

1.54 miles away | [Walking directions](#)

Served by: [75](#)

[NE Cully & Killingsworth Northbound](#)

Stop ID 1243

1.81 miles away | [Walking directions](#)

Served by: [72](#)

[NE Killingsworth & Cully Westbound](#)

Things to look at:

- If a search string sent to the geocoder matches a stop, then the *stop landing page* is shown
- In this case, PDX is a point, so we get a list of *nearest* stops
- BTW the search is as-the-crow-flies.
- We've discussed enhancing OTP with a stop search api based on the actual walking distance.

trimet.org Route Select List

The screenshot shows the TriMet website's "Stops & Stations" section. At the top, there's a blue header with the TriMet logo and a "MENU" button. Below it is a dark grey header with a bus icon and the text "Stops & Stations". A search bar is present with the placeholder "Find stops and stations near:" followed by a text input field and a "Find stops" button. Below the search area, there's a horizontal line with the word "OR" in the center. Underneath, a list of routes is shown in a dropdown menu:

- ✓ MAX Blue Line
- MAX Green Line
- MAX Orange Line
- MAX Red Line
- MAX Yellow Line
- WES Commuter Rail
- Portland Streetcar - NS Line
- Portland Streetcar - A Loop
- Portland Streetcar - B Loop
- Portland Aerial Tram
- 1-Vermont
- 4-Division/Fessenden
- 6-Martin Luther King Jr Blvd
- 8-Jackson Park/NE 15th

Things to look at:

- To find stops, one can also drill down into the list of routes (and subsequently route-stops)
- Note that the route list observes TriMet's *route sort order*
- Unseen is also a list of *active* routes. These pages are rendered out of *gtfsdb*, where a lot of effort was spent building a hierarchy of trip and calendar information in order to provide queries that can return *current* routes, stops, route stops, etc... effective *today*. In other systems, the list of routes are just a dump of all routes, which can be *very wrong* with TriMet data

trimet.org Route Stop Select Lists

The screenshot shows the TRIMET logo at the top left and a 'MENU' button at the top right. Below that is a dark header bar with the 'Stops & Stations' logo and the text 'Stops & Stations'. The main content area has a heading 'Select a MAX Blue Line stop'. It contains two dropdown menus: one for stops 'To Gresham' (selected option: 'Hatfield Government Center MAX Station (#9848)') and another for stops 'To Hillsboro' (selected option: 'Cleveland Ave MAX Station (#8359)'). Each dropdown has a green 'Select stop' button to its right. A horizontal line with the word 'OR' in the center connects the two dropdown sections.

To Gresham

Hatfield Government Center MAX Station (#9848)

Select stop

— OR —

To Hillsboro

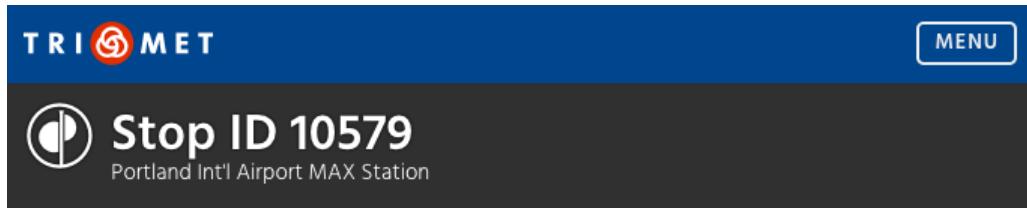
Cleveland Ave MAX Station (#8359)

Select stop

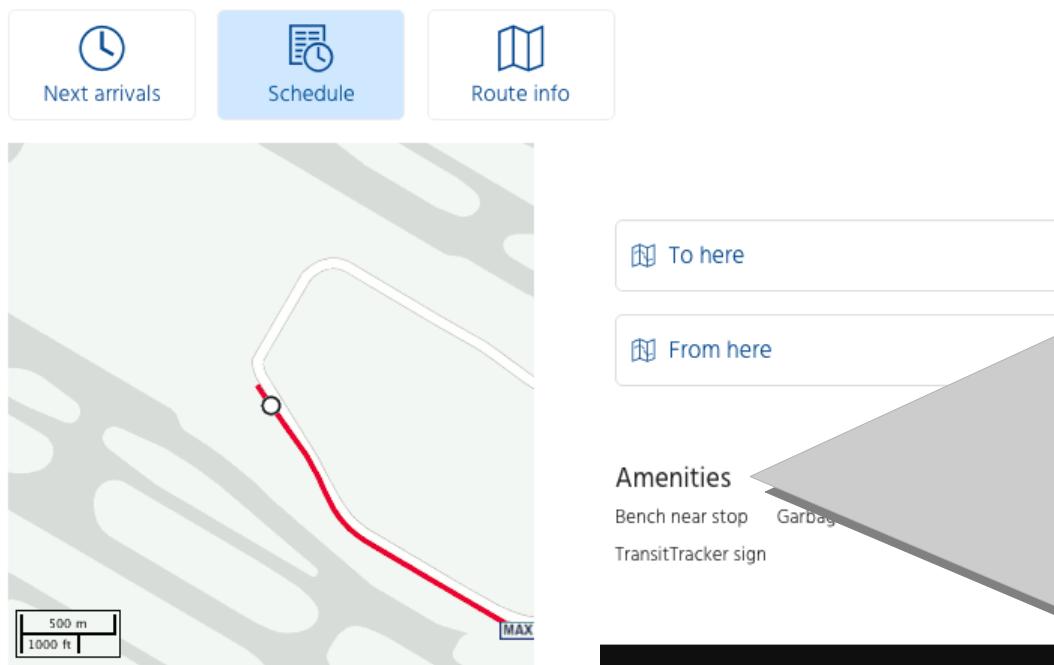
Things to look at:

- Continued from the previous (Route Select) page, we now are presented with the Route Stops going in the 1 or 2 directions of the route.
- Note that have an ***ordered*** listing of ***Route Direction Stops***
- We also display a logical ***Route Direction Name***
- Both Route Direction Names & Stops seems pretty simple in themselves...but this information is not directly represented in GTFS. The information must either be supplied via an as yet accepted extension, or derived by inspecting all trips and routes for a stop

trimet.org Stop Landing Page



MAX Red Line



Things to look at:

- The *Stop Landing Page* shows links to other info sources (route landing and schedule pages, TransitTracker, planner links)
- The stop *amenities* are also shown (this data exists in the TriMet GTFS based on a proposed extension)
- Note, we could probably add a lot to this page. Replace the *static* map with something interactive. Maybe show nearest SUM vehicles, etc...

TRI

See where it takes you.

trimet.org Stop Schedule

The screenshot shows the TriMet website's stop schedule page. At the top, the TriMet logo is on the left and a 'MENU' button is on the right. Below that, a large header displays 'Schedule for Stop ID 10579' with a warning icon (!) and the location 'Portland Int'l Airport MAX Station'. A navigation bar below the header includes tabs for 'Thursday Today', 'Friday 11/11', 'Sunday 11/13', and a 'more' dropdown. Underneath the tabs are two buttons: 'View by line' (which is highlighted in grey) and 'Viewing by time'. The main content area lists bus arrivals for the MAX Red Line to City Center & Beaverton, starting at 4:57am and continuing every 15 minutes until 7:42am.

4:57am	MAX Red Line to City Center & Beaverton
5:27am	MAX Red Line to City Center & Beaverton
5:57am	MAX Red Line to City Center & Beaverton
6:12am	MAX Red Line to City Center & Beaverton
6:27am	MAX Red Line to City Center & Beaverton
6:42am	MAX Red Line to City Center & Beaverton
6:57am	MAX Red Line to City Center & Beaverton
7:12am	MAX Red Line to City Center & Beaverton
7:27am	MAX Red Line to City Center & Beaverton
7:42am	MAX Red Line to City Center & Beaverton

Things to look at:

- This is the stop schedule page.
- Our text planner (*and future map planner) show stop schedules in order to give the rider context as to availability and frequency of transit available at the stop.

trimet.org Route Landing Page

The screenshot shows the MAX Red Line route landing page. At the top left is the TriMet logo. To its right is a "MENU" button. Below the logo, a large red circle contains the text "MAX Red Line". Underneath this, a grey banner states: "MAX Red Line light rail service connects Portland International Airport, Portland City Center and Beaverton." A green circular icon labeled "Frequent Service" is on the left. Below the banner, a message says: "MAX Light Rail runs every 15 minutes or better most of the day, every day." At the bottom of the banner are four buttons: "MAX System Map", "Schedules", "Email updates", and "More information". Below the banner is a section titled "MAX SYSTEM MAP" featuring a map of the MAX system. The map shows various lines in different colors (blue, red, green, yellow) connecting stations like Hillsboro, Beaverton, PSU, Union Station, Expo Center, Rose Quarter, Pioneer Square, Gateway, Clackamas, and Gresham. The Willamette River is also indicated. A search icon is located in the top right corner of the map area.

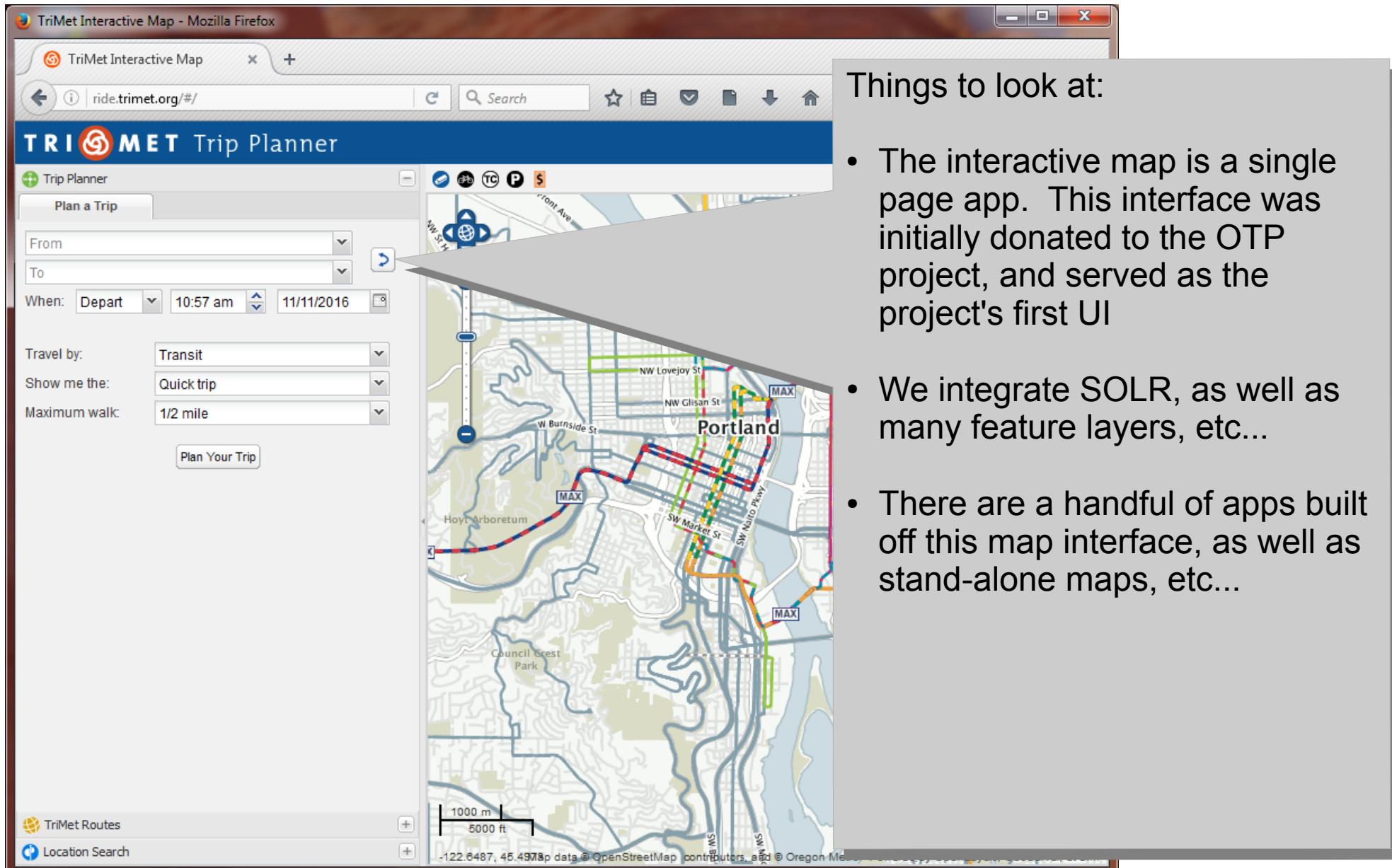
Things to look at:

- This is a *Route Landing Page*
- It provides information about the route, including links to maps and timetables, etc...
- These route pages are currently *manually maintained*. Customer Svc team has requested automating these pages similar to the stop pages...

TriMet Interactive Maps

a list of all map apps
internal and externally facing
that we maintain here at TriMet

ride.trimet.org



The screenshot shows the TriMet Interactive Map Trip Planner interface in Mozilla Firefox. The map displays Portland, Oregon, with various transit routes highlighted in different colors (blue, green, red, yellow). A legend at the top right of the map area shows icons for bus (blue), rail (green), trolley (red), and park & ride (yellow). The map includes labels for NW Lovejoy St, NW Glisan St, MAX, Hoyt Arboretum, SW Market St, SW Naito Pkwy, and Council Crest Park. On the left, there's a 'Plan a Trip' form with fields for 'From' (dropdown), 'To' (dropdown), 'When' (Depart at 10:57 am on 11/11/2016), 'Travel by' (Transit), 'Show me the:' (Quick trip), and 'Maximum walk:' (1/2 mile). Below the form is a 'Plan Your Trip' button. At the bottom left are links for 'TriMet Routes' and 'Location Search'. The bottom of the map shows coordinates (-122.6487, 45.4978) and copyright information: 'Map data © OpenStreetMap contributors, and © Oregon Met.

Things to look at:

- The interactive map is a single page app. This interface was initially donated to the OTP project, and served as the project's first UI
- We integrate SOLR, as well as many feature layers, etc...
- There are a handful of apps built off this map interface, as well as stand-alone maps, etc...

ride.trimet.org SOLR GeoCoder

Things to look at:

- First up is SOLR, where we yet again use SOLR as a search engine / geocoder

The screenshot shows a Mozilla Firefox browser window displaying the TriMet Interactive Map website at ride.trimet.org. The search bar contains 'pdx'. A dropdown menu on the left lists several Portland MAX station locations, with 'PDX Portland (Airport)' at the top. To the right is a map of Portland, Oregon, showing MAX light rail lines in red and blue. A callout bubble points from the search input to the MAX station list. The map includes labels for 'Hoyt Arboretum', 'Council Crest Park', and 'Portland'. A scale bar at the bottom left indicates distances of 1000 m and 5000 ft. The bottom of the page features links for 'TriMet Routes' and 'Location Search'.

ride.trimet.org TripPlanner

The screenshot shows the TriMet Trip Planner interface in Mozilla Firefox. The title bar reads "PDX to Zoo - TriMet Interactive Map - Mozilla Firefox". The main content area displays a map of Portland, Oregon, with a yellow line representing the bus route and a red line representing the MAX Red Line rail route. The map includes street names like N Columbia Blvd, N Lombard St, N Interstate Ave, NE Killingsworth St, NE 33rd Ave, NW Front Ave, Macleay Park, and various numbered avenues. A legend at the bottom right indicates "Rail MAX Red Line" with a red icon. On the left, a sidebar lists the itinerary:

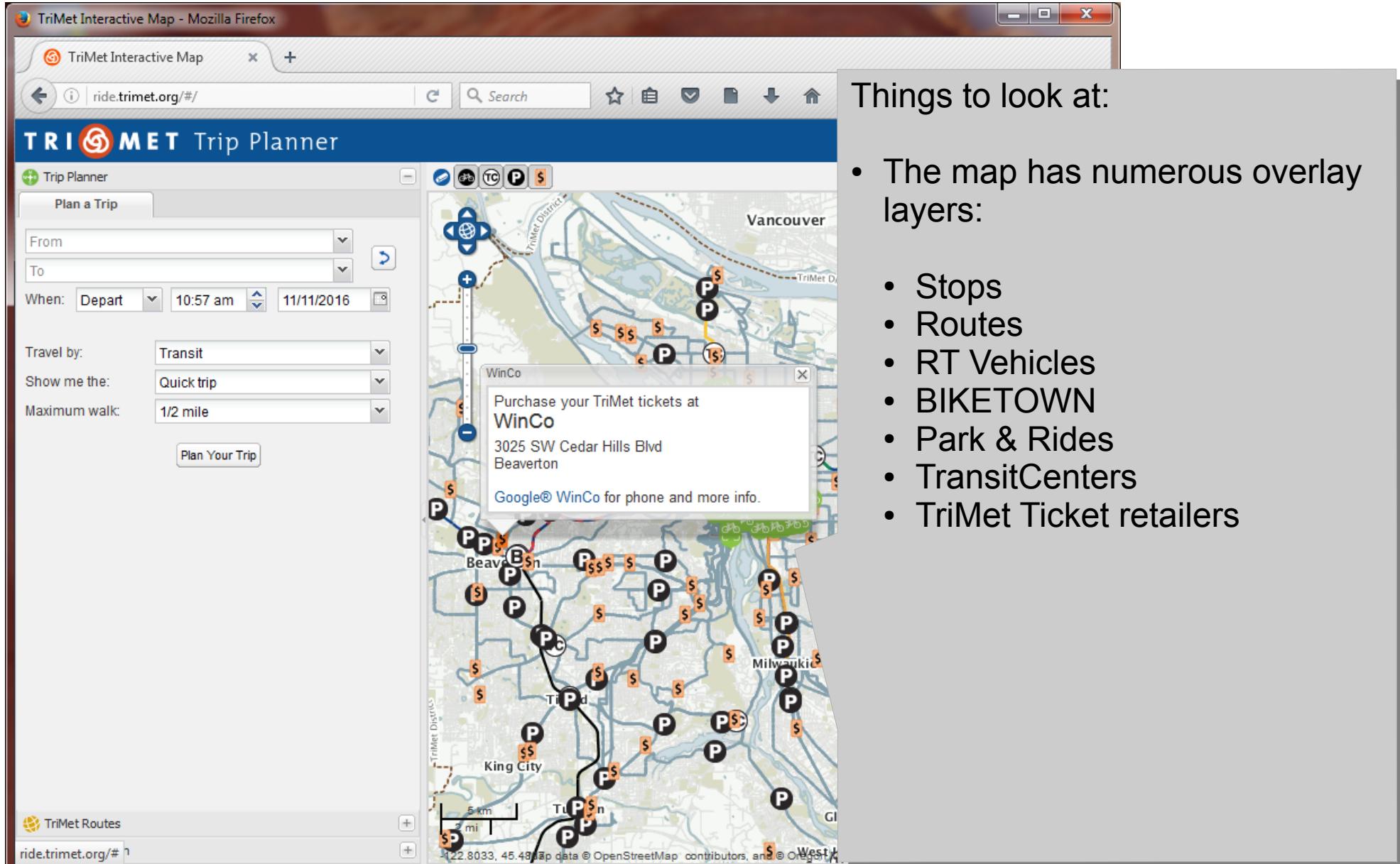
- 11:09 am - 12:07 pm 0 transfers
- 11:24 am - 12:22 pm 0 transfers
- 11:39 am - 12:37 pm 0 transfers
- Start at PDX**
- Walk to Portland Int'l Airport MAX Station**
Stop ID 10579
About 3 minutes - 0.1 mi
Show details ↓
- Rail MAX Red Line to City Center & Beaverton**
11:12am Depart Portland Int'l Airport MAX Station Stop ID 10579
: 51 minutes
12:04pm Arrive Washington Park MAX Station Stop ID 10121
- Walk to Zoo**
About 3 minutes - 0.1 mi

At the bottom are buttons for Reverse, Edit, and Print. The footer includes links for TriMet Routes and Location Search.

Things to look at:

- We have the trip itinerary rendered on the map.
- We also render a separate pure .html version of the itinerary for printing

ride.trimet.org TM Landmark Layers



The screenshot shows the TriMet Interactive Map interface. On the left, there's a 'Trip Planner' sidebar with fields for 'From', 'To', 'When', 'Travel by', 'Show me the:', and 'Maximum walk:'. Below it is a 'Plan Your Trip' button. The main area is a map of the Portland metropolitan area with several overlay layers:

- Stops:** Marked with orange 'S' icons.
- Routes:** Shown as blue lines representing bus routes.
- RT Vehicles:** Indicated by small orange dots along the routes.
- BIKETOWN:** Represented by orange bicycle icons.
- Park & Rides:** Indicated by black 'P' icons.
- TransitCenters:** Indicated by black 'T' icons.
- TriMet Ticket retailers:** Indicated by orange 'W' icons.

A callout box from 'WinCo' provides information about purchasing TriMet tickets at their location: 3025 SW Cedar Hills Blvd, Beaverton. It also includes a link to Google WinCo for more info.

Things to look at:

- The map has numerous overlay layers:
- Stops
- Routes
- RT Vehicles
- BIKEtOWN
- Park & Rides
- TransitCenters
- TriMet Ticket retailers

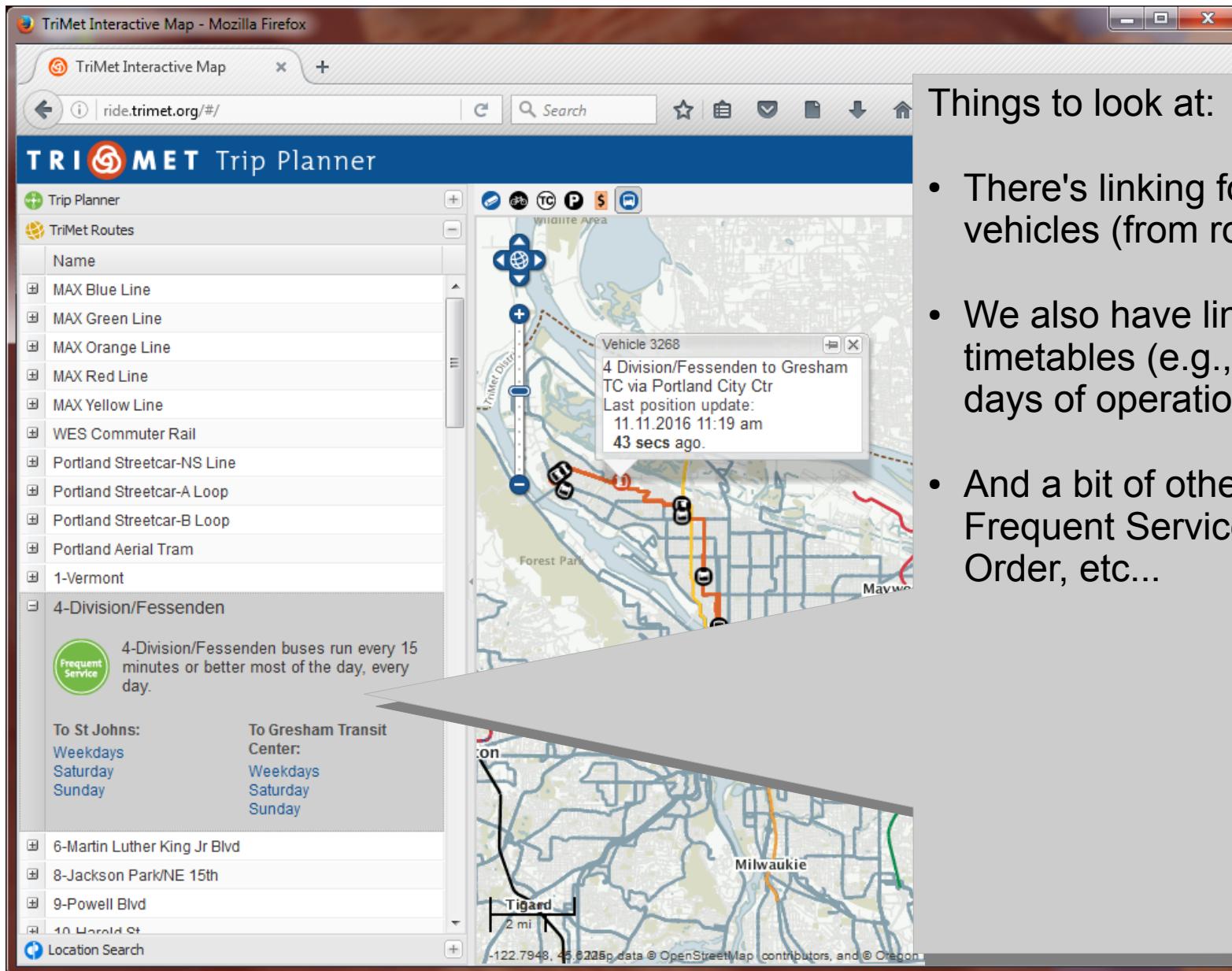
ride.trimet.org Stop Layer

The screenshot shows the TriMet Interactive Map interface. On the left, there's a 'Trip Planner' sidebar with fields for 'From' (PDX), 'To' (Zoo), 'Depart' time (10:57 am, 11/11/2016), 'Travel by' (Transit), 'Show me the:' (Quick trip), and 'Maximum walk' (1/2 mile). Below these are buttons for 'Plan Your Trip' and 'Location Search'. The main area is a map of a street grid. A specific stop, 'NE M L King & Broadway', is highlighted with a blue circle and a callout box. The callout box contains the text 'NE M L King & Broadway' and 'Stop ID 5897', followed by 'Served by 6-Martin Luther King Jr Blvd'. The map shows several bus routes as blue lines with stops marked by circles. A red line indicates a rail route. A scale bar at the bottom left shows distances of 100 m and 500 ft. The bottom of the map has a copyright notice: '-122.3622, 45.5388 OpenStreetMap contributors, and © Oregon Metro. Powered by OpenLayers, GeoServer, and PostgreSQL.'

Things to look at:

- The stops layer (and the underlying data) has a route type; with that type, we can differentiate bus vs. rail stops with different icons.
- We also show stop amenities in the stop popups, as well as links to other information systems.

ride.trimet.org Route/Vehicles Layer



Things to look at:

- There's linking for real-time vehicles (from route selection)
- We also have links to route timetables (e.g., have to know days of operation)
- And a bit of other meta data, like Frequent Service, Route Sort Order, etc...

mobilitymap.trimet.org / layers

The screenshot shows the TriMet Mobility Map application interface. On the left, there's a sidebar with icons for Location Search, TriMet Routes, Transit Centers, Park & Rides, Ticket Outlets, Ticket Vending Machines, and Overlays. Under Overlays, 'Taxlots' is checked, and 'TriMet Service District' is highlighted with a yellow background. The main area is a map with a grid overlay. A callout arrow points from the 'Things to look at:' section to the 'TriMet Service District' layer in the sidebar. On the right, a 'Feature Info (1)' window is open, showing '1 Features' at 8630 SE 145TH AVE. The 'Owner' field lists STRAVAVASILE CRISTIAN & NICOLAE HAPPI. The 'Property' field lists 8630 SE 145TH AVE, Clackamas, taxlot 1, landuse, year built, sale date, sale price, trimet, and ada boundary.

Things to look at:

- There's a separate app from called the Mobility Map
- This app is used by the Lift (ADA door-to-door service) to help determine eligibility for Lift rides
- We have a bunch of layers, including a taxlot layer, that can be overlaid atop one another.

mobilitymap.trimet.org / SOLR

The screenshot shows the TriMet mobility map interface. At the top left is the TriMet logo and a "Home" link. To the right are buttons for "Clear" and "Measure". Further right are links for "Feedback", "Full Screen", "Aerial", and "Map". Below the header, there's a "Location Search" input field containing "834 SE Malden". To the right of the search bar is a map of a residential area with a yellow dot marking the location. On the left side of the map, there's a sidebar with address details: "834 SE MALDEN ST" and "PORTLAND". Below this is a "Notes:" section with two items: "IS within TriMet's service boundary." and "IS within the ADA boundary.". Underneath are links for "Plan a trip from here" and "Plan a trip to here". At the bottom left is a small thumbnail image of a street view showing a tree and a house, with text overlaying it: "832 SE Malden St Portland, Oregon View on Google Maps". The bottom of the interface features standard Google map controls (zoom, orientation) and copyright information: "©2016 Google - © 2016 Google Terms of Use Report a problem".

Things to look at:

- In addition to LIFT, the DOR uses the map to determine if a business is in/out of the TriMet district, for tax purposes.
- This same in/out of TriMet info from the geocoder appears on a public district / tax page on trimet.org for the general public.

mobilitymap.trimet.org / layers

TRIMET Home

Location Search TriMet Routes Transit Centers Park & Rides Ticket Outlets Ticket Vending Machines

Name	Address	City
TVM #1	Cleveland Ave MAX Stati...	Gresham
TVM #2 (Type...)	Cleveland Ave MAX Stati...	Gresham
TVM #4	Gresham Central TC – W...	Gresham
TVM #5	Gresham Central TC – W...	Gresham
TVM #6	Gresham City Hall -- East...	Gresham
TVM #7	Gresham City Hall MAX S...	Gresham
TVM #8	Gresham City Hall MAX S...	Gresham
TVM #11	Gresham Civic MAX Stati...	Gresham
TVM #12	Gresham Civic MAX Stati...	Gresham
TVM #14	Ruby Junction/E197th Av...	Gresham
TVM #15	Ruby Junction/E197th Av...	Gresham
TVM #16	Rockwood/E 188th Ave M...	Gresham
TVM #17	Rockwood/E 188th Ave M...	Gresham
TVM #18	Rockwood/E 188th Ave M...	Gresham
TVM #20	E 181st Ave MAX Station...	Gresham
TVM #21	E 181st Ave MAX Station...	Gresham
TVM #22	E 181st Ave MAX Station...	Gresham
TVM #23	E 172nd Ave MAX Station...	Gresham
TVM #24	E 172nd Ave MAX Station...	Gresham

Overlays

Clear Measure Feedback Full Screen Aerial Map

Things to look at:

- The Mobility Map was also a place where we display TVM locations.
- TVMs are not useful to the general public, but they are useful to the call center when a customer complains that a TVM is down.

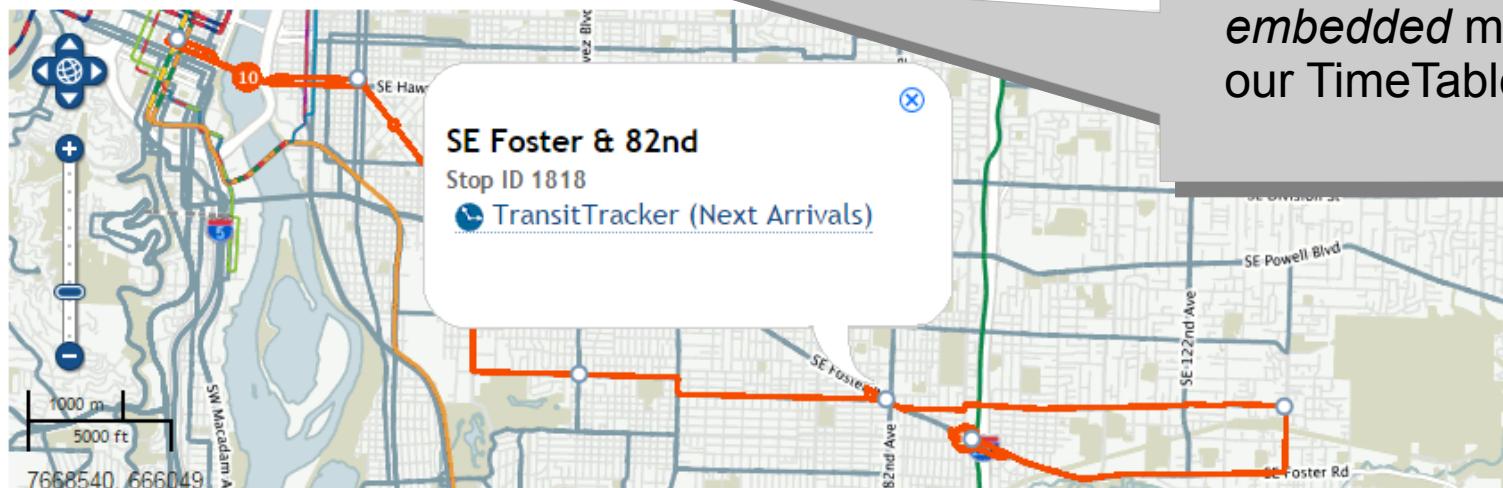
mobilitymap.trimet.org / layers



10-Harold St

To Portland City Center • Weekday

[10-Harold St info](#) • [Help and tips](#) • [Printable PDF](#) • [Hide route map](#)



SE Foster & 94th Stop ID 13236 Stop details	SE Harold & 136th Stop ID 2540 Stop details	SE Foster & 82nd Stop ID 1818 Stop details	SE Steele & Cesar Chavez Blvd Stop ID 5525 Stop details	SE 26th & Powell Stop ID 7227 Stop details	SE Madison & 11th Stop ID 3637 Stop details	SW Main & 6th Stop ID 13169 Stop details
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Things to look at:

- In addition to the single-page map apps, we have a handful of **embedded maps**, like these on our TimeTables

call.trimet.org SOLR & TM tiles

Things to look at:

- Another single-page app is something written for the call center.
- This interface is built and maintained by Conveyal.

The screenshot shows a map of the Portland, Oregon, area. A specific route is highlighted in blue, connecting locations like Vancouver, Camas, Fairview, and Troutdale. To the right, a sidebar titled "Trip Options" is open, showing fields for "Start" (pdx), "End" (left blank), "Depart" (1:16pm, 11/11/2016, Now), "Travel by" (Transit), "Maximum walk" (0.50 mi.), "Presets" (dropdown), "Preferred Routes" (None), "Weight" (checkbox), and "Banned Routes" (None). At the bottom right of the sidebar is a "Plan Trip" button. In the bottom left corner of the map area, there is a small call history window titled "Selected call:" with a list of recent calls:

- 11:12am, Nov 22 (Length: 16 sec)
- 5:47am, Nov 14 (Length: 32 sec)
- 11:38pm, Oct 8 (Length: 2 min)

call.trimet.org FieldTrips

The screenshot shows a web-based application for managing field trips. On the left, there is a map of a city area with several parks and roads labeled. Overlaid on the map is a window titled "Field Trip Request #897615". The window contains the following information:

- Destination: zoo
- Day of Travel: Thursday, November 10, 2016 [[Change](#)]
- Teacher/School: FF (FF, Grade N/A)
- Teacher Address: ,
- Phone: N/A / Fax: N/A
- Email: N/A
- Students: 34 (Ages 3 to 33) / Chaperones: 33 [[Change](#)]
- Start Address: pdx
- Time Arriving at Destination: 8:22am
- Time Leaving at Destination: 9:22am
- Time Due Back at School: 11:22am
- Intermediate Locations: N/A
- Payment Preference: Will use own tickets
- Invoice Required?: No
- Class Pass ID: (None)
- Teacher Notes: N/A [[Edit](#)]
- Request submitted: Aug 29, 2016 6:13:23 PM

Below this, there is a section for "User Feedback" which is currently empty.

At the bottom of the window, there are two sections: "OUTBOUND TRIP" and "INBOUND TRIP", both of which say "(No Trip Planned)". Each section has two buttons: "Plan from Request" and "Save Active Plan". Below these buttons are two rows of links: "Cancel Request", "Set Class Pass ID", "Add Note" and "Feedback Link | Receipt Link | Printable Trip Plan | Daily Report".

On the right side of the application, there is another window titled "Field Trip Requests" with tabs for "New Requests", "Planned", "Cancelled", and "Past Trips". It lists two trips:

- FF Trip on Nov 10th 2016 (#897615)**
Submitted by FF on Aug 29, 2016 6:13:23 PM
Outbound Trip: Not Planned
Inbound Trip: Not Planned
- Franciscan Montessori earth Trip on Sep 8th 2016 (#896869)**
Submitted by Heidi Walz on Aug 29, 2016 12:21:16 PM

At the bottom of the "Field Trip Requests" window, there are buttons for "Refresh Requests", "Daily Report for: 11/12/2016", and "View".

Things to look at:

- The call app also has a fieldtrip module (FT), for booking school fieldtrips on certain vehicle trips
- The FT module talks to our postgres db to save booking info

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