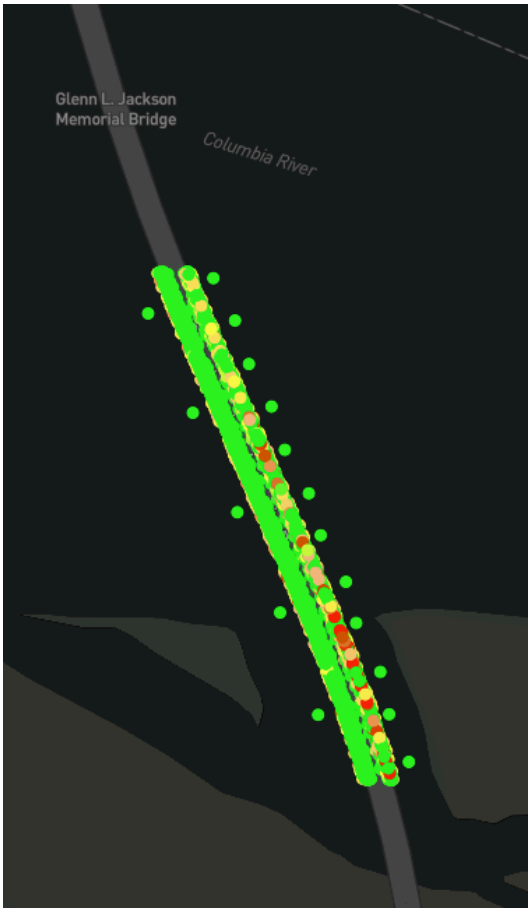
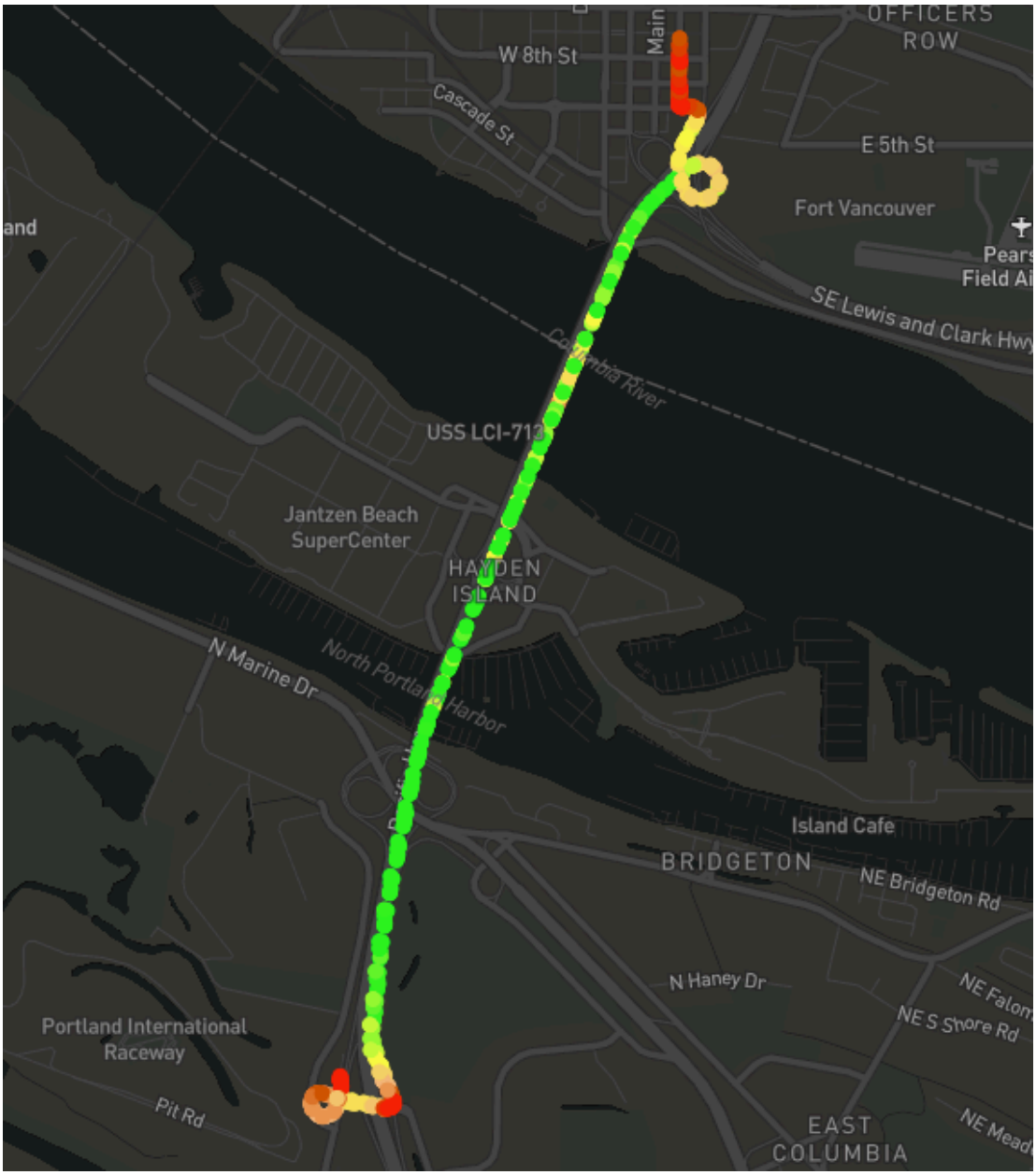
Submission (repo: https://github.com/brialee/always-pizza)

Visualization 1. Due to the limited amount of trip event data, I didn't narrow the results down to a particular route id as there were no results for this dataset.



Visualization 2. Due to the limited amount of trip event data, this query was used to gather the data: select a.latitude, a.longitude, a.speed from breadcrumb a, trip b where b.route_id=60 and b.direction='Out' and a.tstamp >= '2020-10-17 16:00:00' and a.tstamp <= '2020-10-17 18:00:00' and a.trip_id=b.trip_id;



Visualization 3. Due to the limited amount of trip event data, this query was used to gather the data: select a.latitude, a.longitude, a.speed, b.route_id

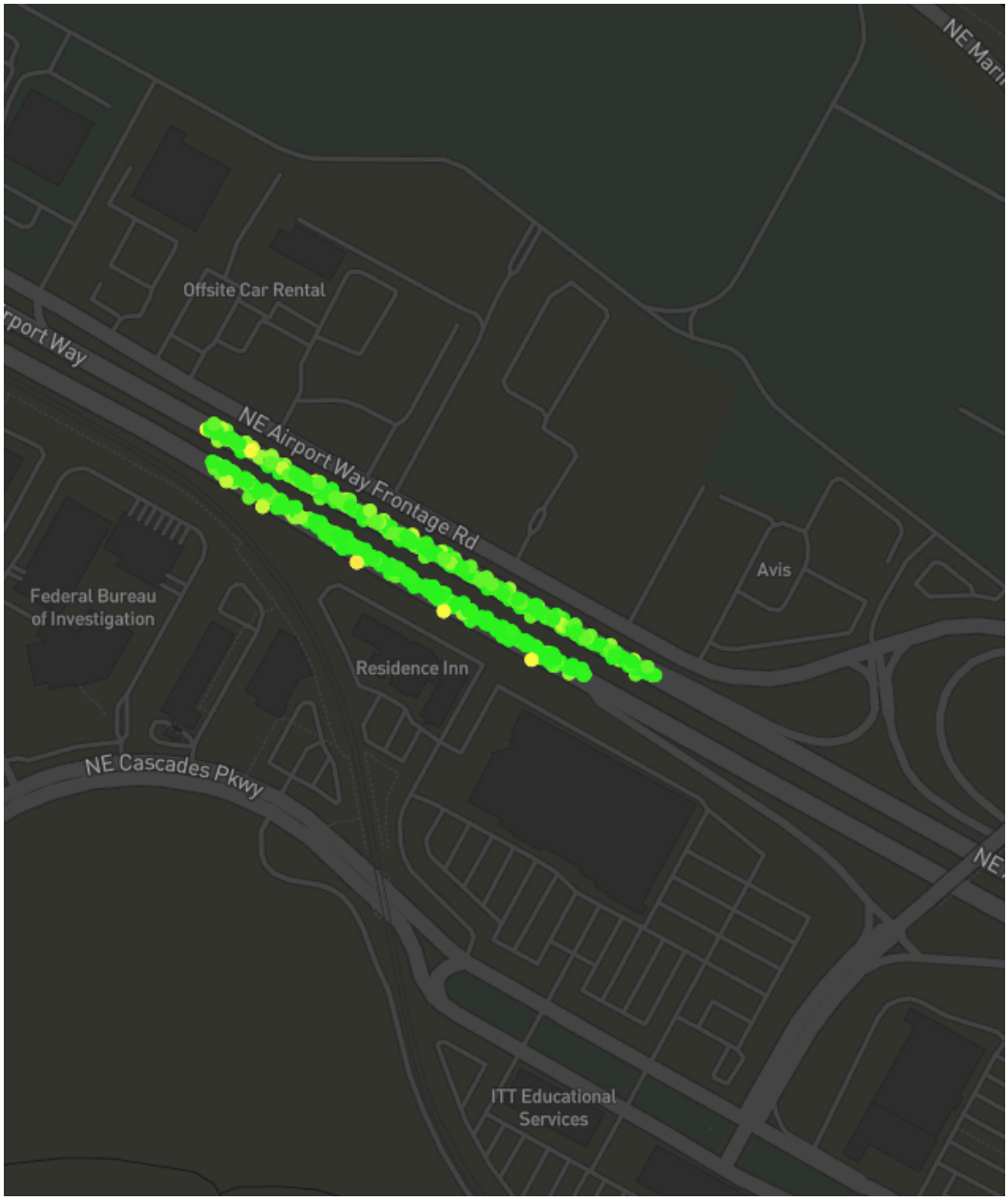
```
from breadcrumb a, trip b
where b.direction='Out' and
a.tstamp >= '2020-10-17 9:00:00' and
a.tstamp <= '2020-10-17 11:00:00' and
b.route_id=60 and
a.trip_id=b.trip_id;
```

OFFICERS ROW
W 8th St
Main
Cascade St
E 5th St
Fort Vancouver
SE Lewis and Clark Hwy
Columbia River
USS LCI-713
Jantzen Beach SuperCenter
HAYDEN ISLAND
N Marine Dr
North Portland Harbor
Island Cafe
BRIDGETON
NE Bridgeton Rd
N Vancouver Way
N Haney Dr
NE S Shore Rd
Portland International Raceway
Pit Rd
EAST

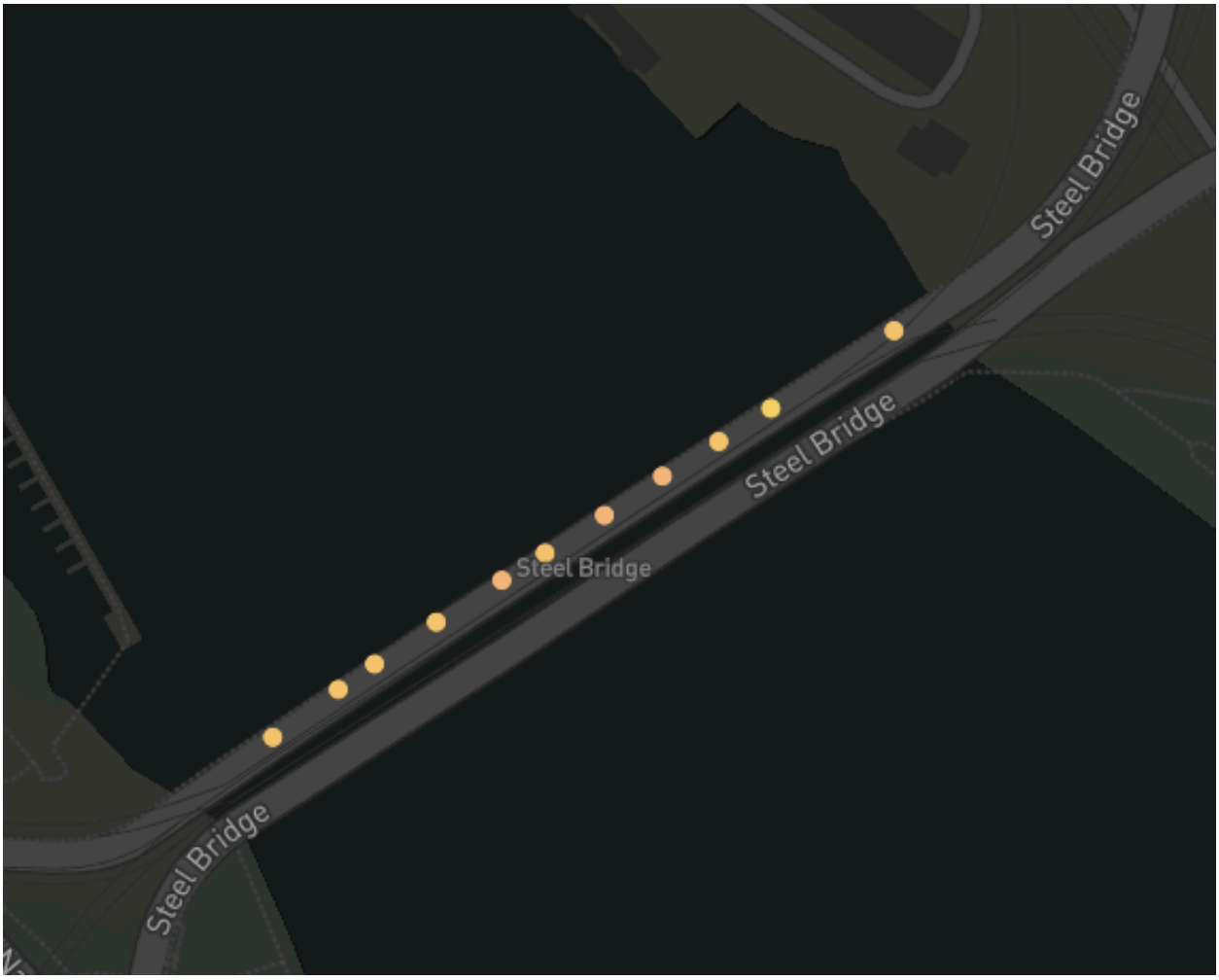
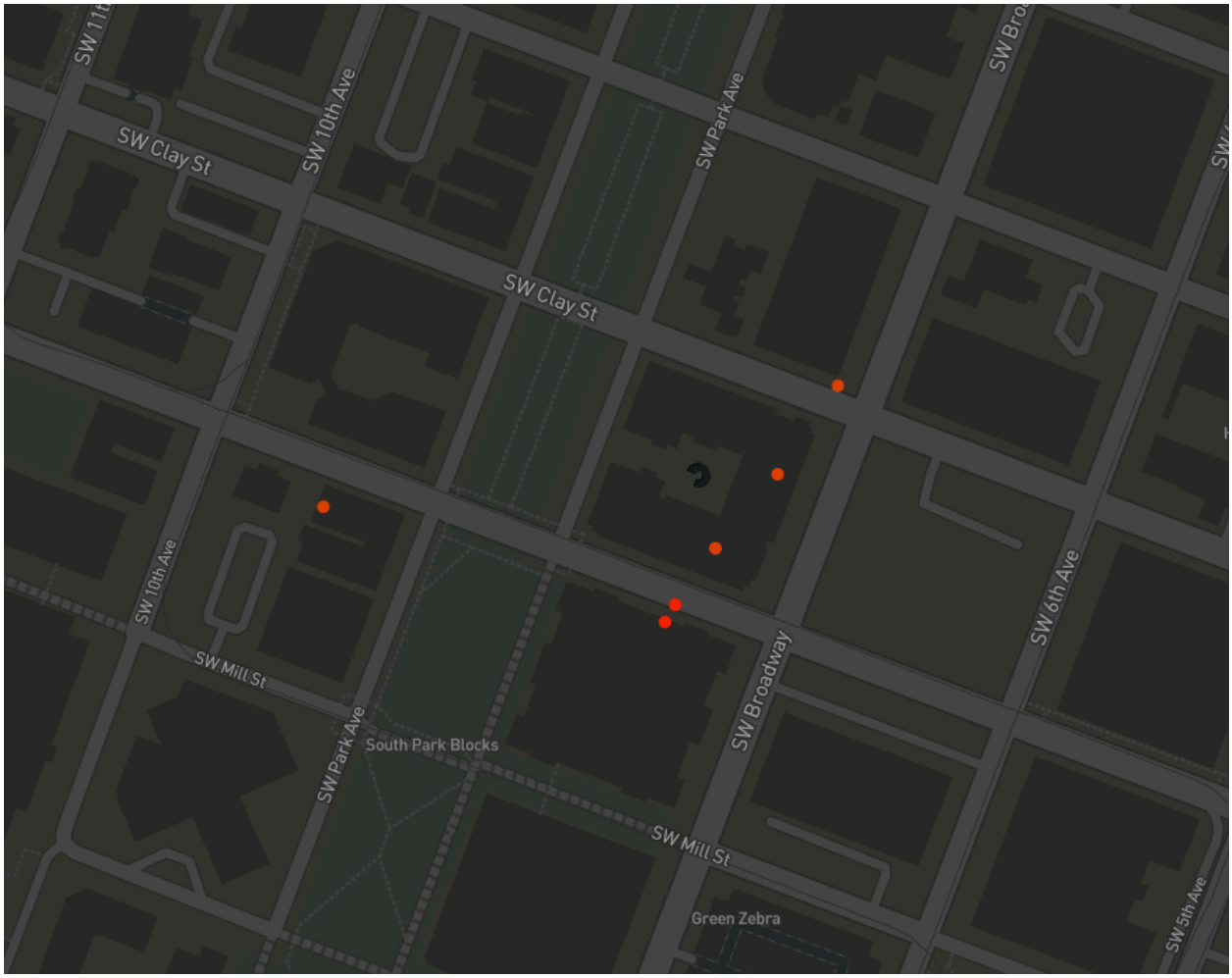
Visualization 4. The longest (as measured by time) trip in your entire data set. Indicate the date, route #, and trip ID of the trip along with a visualization showing the entire trip.

[missing on purpose]

5a. Are there any routes TO the airport? Chosen because it's helpful for people traveling to/from the airport.



5b. Can it make to from west to East Portland over the Steel Bridge? Chosen because it's en route to ODOT.



5c. Does C-Tran pass the north face of PSU? Chosen for people who live in Vancouver but attend PSU. Keeping visual even though it appears some buses have off-road capabilities.