



# West Portal Transit Delay Reduction Pilot

## DRAFT Data Collection Plan

### May 8, 2019

As part of the [West Portal Transit Delay Reduction Pilot](#), the San Francisco Municipal Transportation Agency (SFMTA) will be collecting a robust set of data to analyze the benefits and impacts of the pilot. This document summarizes the data that is planned to be collected before and during the pilot. All data collected, and the subsequent analysis and findings, will be publicly available. This plan was developed by SFMTA staff with input from stakeholders. Additional input can be shared to [Phillip.Pierce@sfmta.com](mailto:Phillip.Pierce@sfmta.com) by May 15, 2019 if it relates to feedback on the “before” data collection approach, or until May 21, 2019 for any other aspect of this plan.

#### Data Collection Timeframe

Before implementation (late May 2019)

After implementation (late August/early September 2019)

Traffic volume data to be collected while school is in session; Automated data (ie: Muni Metro travel time or parking occupancy) may be reviewed for both school and non-school periods.

#### Muni Metro Travel Time

Time: 6:00-10:00 am, Monday-Friday

Data: Point-to-point travel time data, recorded by automated train equipment

Data Purpose: Measure impacts on Muni delay and travel time

Data collection points

- L Line traveling between Ulloa/Forest Side stop and Forest Hill Station
- K/M Line traveling between West Portal/14<sup>th</sup> Avenue stop and Forest Hill Station

#### Parking Occupancy – During AM Peak & Mid-day

Time: 9:00-10:00 am, Monday-Friday & 10:00 am – 6:00 pm, Monday-Saturday

Data: Parking occupancy, recorded by parking meter payments

Data Purpose: Measure if turn restrictions affects parking occupancy

Location:

- West Portal Avenue – Unit Block, separated by east side and west side of the street
- West Portal Avenue – 100 Block, separated by east side and west side of the street
- SFMTA Lot on Ulloa Street at Claremont Boulevard
- SFMTA Lot on West Portal Avenue, 100 Block

#### Transit Collisions

Collisions involving transit vehicles are a fairly rare occurrence. If any collisions occur during the pilot period, they will be reviewed as part of the overall project evaluation.



## Turning Movement Counts

Time: 7:00-9:00 am

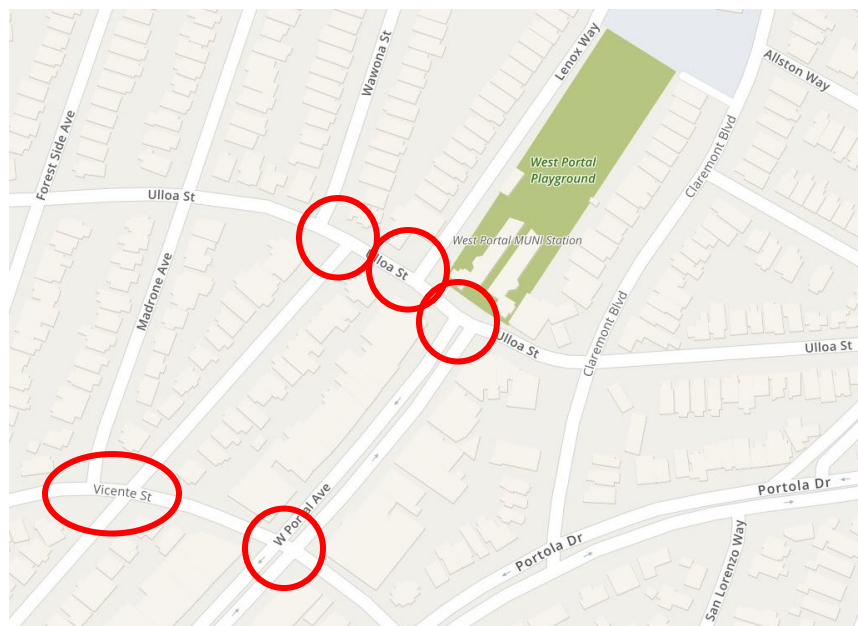
Data: Intersection turning movements, including pedestrian and transit movements

Data Purpose – to determine the project's impacts on:

- Traffic diversion
- Traffic operations/congestion
- Turn restriction compliance

Locations:

- West Portal and Ulloa
- Lenox and Ulloa
- Claremont and Ulloa
- West Portal and Vicente
- Vicente and Wawona-Madrone



## Qualitative Information

In addition to the above discussed quantitative data, the SFMTA would collect the following qualitative information

- Input from front line staff, including train operators, inspectors and PCOs
- Input from community members and merchants
- Engineer/Planner observation of the pilot area, focusing on:
  - Interaction between Muni and private vehicles
  - Restriction compliance
  - Sources of transit vehicle delay
  - Passenger loading activity