

Assignment 1.

Caltrain System Map



Plate 2. Document the System

This is the current Caltrain System map on the official website. The system of the map mainly consists of the railway, stops, and zones.

Also, there is other information including special operation dates for some stations, approximate distances between each pair of adjacent stations, transfer junctions to other public transportations and last stops. Red dotted lines indicate zone divisions among stations, and this is related to train fares; the fare to travel from a Zone 1 station to a Zone 2 Station is different than that from a Zone 1 station to a Zone 3 station. Circles on the railway, the main dark line, represent stops(or stations). This helps people to know how many stops there are between their departure and destination. There are three distinctively smaller circles among regular stations along with the notices about when these stops would be in operation. Also, there are dotted lines near the bottom of the railway indicating that these stops are only in operation for the weekdays.

The rule of this system is that all circular stops should be on the railway. Each station belongs to a single zone. Also, if two different stations are belonging to the same zone, every station between those two belongs to the same zone as well.

Considering that there is no dynamic among the components forming a static structure, this Caltrain system map can be thought of as a 'Framework.'

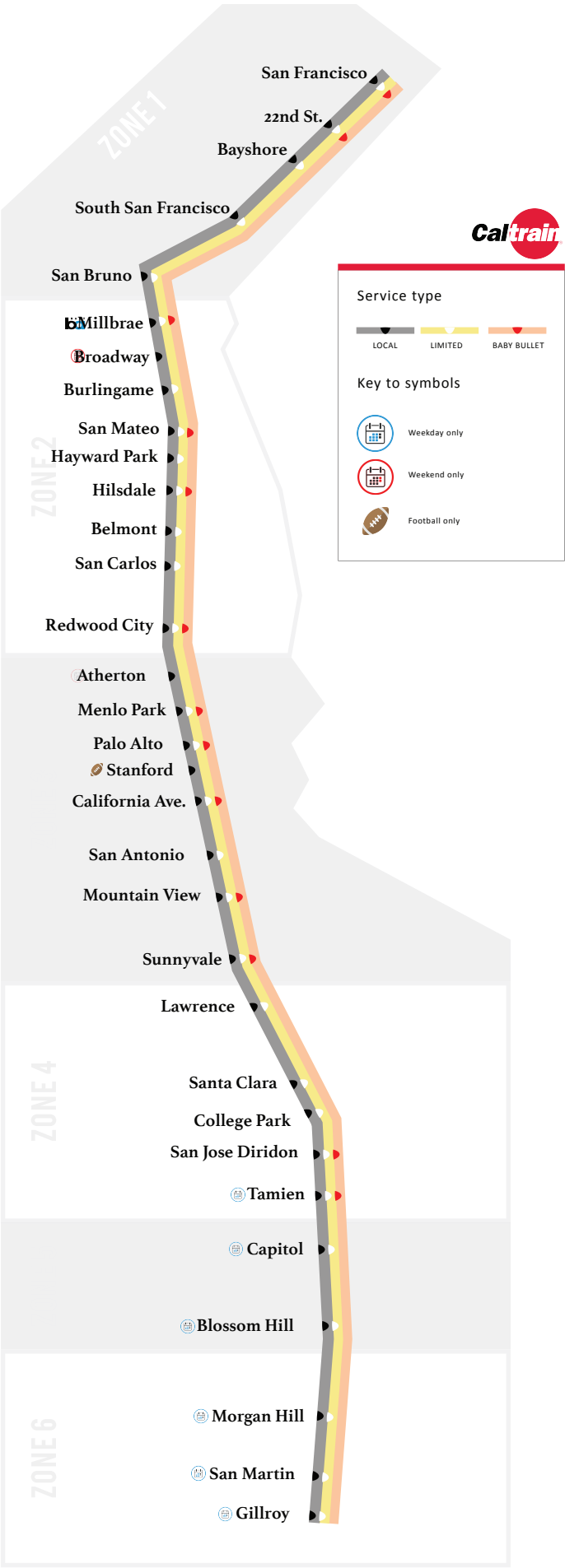


Plate 3. Design three new components to add to the System:

I have added the following three components:

- Service types - Each service type has to cover a part of the railway and a subset of the stations.
- Information symbols - They can be added next to stops.
- The legend - It has to include all service types and information symbols with an appropriate textual explanation.