Bike Board First Pilot Program Update

Bicycle Advisory Committee

July 19, 2018

Agenda

- **Pilot Description**
- **Methodology**
- **Communication**
- **Findings**
- **Next Steps**
- **Q&A**

Pilot Description

- **To improve On Time Performance, Caltrain identified the top reason for delay.**

- **Top Type of Delay: On-Board/Passengers (Bikes, Luggage, PNAs)** at **66%**

- **Identified Top Stations:**

  - **Mt. View**
  - **Palo Alto**
  - **Redwood City**

  - **Sunnydale**
  - **Hillsdale**
  - **22nd ST.**

Methodology

➢ **Bikes to board 1st at bike cars**

➢ **Data collected at bike cars (before and after pilot):**

- **Boarding time**

- **Passengers boarding and alighting**

- **Bicyclists boarding and alighting**

Communication – At Stations

At Stations

- **Conductor announcements upon station approach**
- **Static signs / A-frames**
- **Additional JPB staff / direct communication**
- **VMS (visual messaging systems)**
- **Audio station announcements**

Communication - Community

- ➢ **Press Release**

- ➢ **Social Media**

- ➢ **Peninsula Moves Blog**

Findings Phase 1:

Mt. View

Train#	Average			
	20-Apr	**4-May**	**2-Week Average**	*Baseline*
313	00:55.9	00:53.4	00:55.4	*01:25.6*
221	00:54.5	00:48.4	00:53.3	*01:07.7*
323	01:00.3	01:08.6	01:07.1	*02:16.4*

Palo Alto

Train#	Average			
	27-Apr *	**4-May**	**2-Week Average**	*Baseline*
215	01:03.0	00:53.0	00:56.0	*01:00.2*

Data collected on 3 days

Redwood City

Train#	Average			
	20-Apr	**4-May**	**2-Week Average**	*Baseline*
221	00:50.0	00:51.2	00:50.6	*01:06.0*

Findings Phase 2:

Sunnyvale

Train#	15-Jun	22-Jun	29-Jun	3wk avg	*Baseline*
215	00:50.2	00:59.6	00:57.0	00:55.6	01:09.6
225	01:06.2	00:45.6	01:01.8	00:57.9	01:18.0
329	00:43.0	00:41.0	01:08.6	00:50.9	01:15.0

Hillsdale

Train#	15-Jun	22-Jun	29-Jun	3wk avg	*Baseline*
217	00:59.6	00:32.8	00:42.4	00:44.9	01:13.4
323	01:01.0	01:26.8	00:59.0	01:08.9	01:28.0
227	01:01.8	01:16.2	00:58.4	01:05.5	01:10.4

22nd ST.

Train#	15-Jun	22-Jun	29-Jun	3wk avg	*Baseline*
330	01:02.5	00:41.6	00:51.0	00:50.9	01:39.2

Findings Phase 2 (cont'd)

- ➤ **36 trains observed (3 week average)**

- ➤ **Desired Range (45 sec to 1 min):**
  - **5 of 7 trains boarding within desired range; 71% improvement.**

- ➤ **Boarding Time:**
  - **32 of 36 trains improved boarding time; 88% improvement**

Q&A

Thank you!

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Rail Operations

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