PB COUNTS - Multi-Modal Traffic Count by beautifulPB
Supporting the Pacific Beach EcoDistrict

Conducted August 2015
PB COUNTS - Multi-Modal Traffic Count
Supporting the Pacific Beach EcoDistrict
PB COUNTS

Purpose:

• Provide baseline traffic data counting pedestrians, cyclists, skaters and motor vehicles
• Document changes in traffic over time
• Provide information for traffic related policy decisions
• Support safety improvements and the Pacific Beach EcoDistrict Goals
Methodology:
• Counted pedestrians, cyclists, skaters, motor vehicles at 14 locations. 14,736 counted.
• 2 hour time period (3pm-5pm) on Saturday, August 8, 2015
• Community Volunteers counted in teams of 2 utilizing tally sheets and instructions coordinated by beautifulPB
## PB COUNTS – Counting Form

**beautifulPB Mobility Counting Form**

Mainline Roadway: ___________________________ Bike Lane Width (ft): __________

Nearby Intersecting Roadway: ___________________________

Observer Name(s): ___________________________

Date: ___________________________

Observation Time (Start): ___________ (End): ___________

Temp. (°F): ___________ Sun, cloudy, rainy, etc.: ___________________________

Description of Counter Location: ___________________________

---

Tally each time a person/vehicle passes your location. For individuals, mark an “X” for males and an “O” for females. If a bike is riding in the opposite direction of traffic in street, underline the tally mark. If a bicyclist is using a DECO Bike, place a box around the tally mark. Use normal tally marks for vehicles.

<table>
<thead>
<tr>
<th>Time Period #</th>
<th>WESTBOUND (E to W)</th>
<th>EASTBOUND (W to E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Bike in Street</td>
<td>Bike on Street</td>
</tr>
<tr>
<td></td>
<td>Bike on Sidewalk</td>
<td>Bike on Sidewalk</td>
</tr>
<tr>
<td></td>
<td>Pedestrian</td>
<td>Other (skateboard, scooter, etc.)</td>
</tr>
<tr>
<td></td>
<td>Vehicles</td>
<td>Vehicles</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0-15 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15-30 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30-45 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45-60 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>60-75 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>75-90 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90-120 min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To help orient yourself, draw a diagram of the counter site, including bike lane, sidewalks, travel lanes, and nearby intersections (label cross streets). Mark your location with an “X”. Mark the letter “W” west of the counter and the letter “E” east of the counter and draw arrows for directions of travel (E to W and W to E). Draw a North arrow.
# PB COUNTS

## Results:

### Westbound

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Eastbound

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Totals (both directions)

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Northbound

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Southbound

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Total

<table>
<thead>
<tr>
<th></th>
<th>All Bikes</th>
<th>Pedestrian</th>
<th>Other</th>
<th>Vehicle</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Count</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Percent</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PB COUNTS
Bicycle

BICYCLE COUNTS 8/8/2015

Count/direction
Percent of traffic

- 0-9%
- 10-19%
- 20-29%
- 30-39%
- 40-49%

Crystal Pier

Pacific Ocean
PB COUNTS
Pedestrian
PB COUNTS - Average Hourly Counts
August 8, 2015 – 3pm–5pm

Garnet - between Bayard & Cass

- Skate / Other, 26 (2%)
- Bike-Street, 36 (3%)
- Bike-Sidewalk, 39 (3%)
- Motor Vehicles, 660 (56%)
- Pedestrian, 420 (36%)

Grand - between Bayard & Cass

- Skate / Other, 16 (1%)
- Bike-Sidewalk, 29 (2%)
- Motor Vehicles, 1516 (88%)
- Pedestrian, 147 (8%)
PB COUNTS - Average Hourly Counts
August 8, 2015 – 3pm – 5pm

Cass St. – between Bayard & Cass
- Skate / Other: 6 (1%)
- Bike-Street: 26 (4%)
- Bike-Sidewalk: 6 (1%)
- Pedestrian: 132 (19%)
- Motor Vehicles: 502 (75%)

Bayard – between Emerald & Felspar
- Skate / Other: 5 (1%)
- Bike-Street: 28 (6%)
- Bike-Sidewalk: 5 (1%)
- Pedestrian: 52 (12%)
- Motor Vehicles: 352 (80%)
PB COUNTS - Average Hourly Counts
August 8, 2015 – 3pm – 5pm

Law St. – between Bayard & Cass
- Motor Vehicles, 124 (53%)
- Pedestrian, 82 (35%)
- Bike-Sidewalk, 23 (10%)
- Skate / Other, 1 (1%)

Reed Ave – between Bayard & Cass
- Motor Vehicles, 181 (55%)
- Pedestrian, 105 (32%)
- Bike-Sidewalk, 28 (8%)
- Skate / Other, 9 (3%)
- Bike-Sidewalk, 6 (2%)
Motor Vehicle Average Hourly Count
August 8, 2015, 3pm-5pm

East / West
North / South

Beryl  Law  Chalcedony  Emerald  Felspar  Garnet  Hornblend  Grand  Thomas  Reed  PB Drive  Bayard  Cass  Dawes
Pedestrian Average Hourly Count
August 8, 2015, 3pm-5pm

Count by Street:
- Beryl
- Law
- Chalcedony
- Emerald
- Felspar
- Gernet
- Hornblend
- Grand
- Thomas
- Reed
- PB Drive
- Bayard
- Cass
- Dawes

Directions:
- East
- West
- North
- South
Bicycle Average Hourly Count
August, 8 2015, 3pm-5pm

<table>
<thead>
<tr>
<th>Street</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Beryl</td>
<td>5</td>
</tr>
<tr>
<td>Law</td>
<td>20</td>
</tr>
<tr>
<td>Chalcedony</td>
<td>25</td>
</tr>
<tr>
<td>Emerald</td>
<td>30</td>
</tr>
<tr>
<td>Felspar</td>
<td>40</td>
</tr>
<tr>
<td>Garnet</td>
<td>55</td>
</tr>
<tr>
<td>Hornblend</td>
<td>60</td>
</tr>
<tr>
<td>Grand</td>
<td></td>
</tr>
<tr>
<td>Thomas</td>
<td></td>
</tr>
<tr>
<td>Reed</td>
<td></td>
</tr>
<tr>
<td>PB Drive</td>
<td></td>
</tr>
<tr>
<td>Bayard</td>
<td></td>
</tr>
<tr>
<td>Cass</td>
<td></td>
</tr>
<tr>
<td>Dawes</td>
<td></td>
</tr>
</tbody>
</table>
PB COUNTS

Conclusions:

• Pedestrian counts are high in general and very high on Garnet. Infrastructure is poor but people still walk.
• Pedestrian percentages are high on low vehicle volume streets (Reed, Law & Hornblend) and low on high vehicle volume streets (Grand & PB Drive).
• Pedestrian counts are significantly higher than bike counts suggesting a large portion of pedestrians are visitors and/or the bicycle network is not meeting the need of the population in this ideal environment.
Conclusions:

• On Garnet and Grand there are more bicycles on the sidewalk than the street despite bike lanes (Grand) and signs saying it is illegal (Garnet). This indicates something is wrong about the roadway.

• Motor vehicle volume is generally consistent with the community plan. Higher volume occurs on Grand (4-lane major), Garnet (2-lane major), Cass (3-lane collector) and PB Drive (2-lane collector).

• Policy question: How do we manage motor vehicle traffic to create more streets where people want to walk and bike?
Thank You

PB COUNTS Volunteers

www.beautifulPB.com

For comments or inquiries contact Chris@beautifulPB.com