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
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
PB COUNTS

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): _____________________________

Sunny, 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>
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</thead>
<tbody>
<tr>
<td></td>
<td>Bike in Street</td>
<td>Other (skate, scooter, etc.)</td>
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<td></td>
<td>Bike on Sidewalk</td>
<td>Pedestrian</td>
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<td>TOTAL</td>
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### PB COUNTS

#### Results:

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<th>Eastbound</th>
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<th>Totals (both directions)</th>
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<td>Luke</td>
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<td>Grand between Bayard and Cass</td>
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**Total:**

- All Bikes: 372
- Pedestrian: 193
- Other: 184
- Vehicle: 163
- Total: 1568

- Westbound: 87%
- Pedestrian: 31%
- Other: 28%
- Vehicle: 21%
- Total: 100%
PB COUNTS
Bicycle

BICYCLE COUNTS 8/8/2015

<table>
<thead>
<tr>
<th>Percent of traffic</th>
<th>Count/direction</th>
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<tbody>
<tr>
<td>0-9%</td>
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<tr>
<td>10-19%</td>
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<td>20-29%</td>
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<td>40-49%</td>
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Crystal Pier
Pacific Ocean
PB COUNTS
Pedestrian
PB COUNTS - Average Hourly Counts
August 8, 2015 – 3pm–5pm

Garnet – between Bayard & Cass
- Motor Vehicles: 660 (56%)
- Pedestrian: 420 (36%)
- Skate / Other: 26 (2%)
- Bike-Street: 39 (3%)
- Bike-Sidewalk: 36 (3%)

Grand – between Bayard & Cass
- Motor Vehicles: 1516 (88%)
- Pedestrian: 147 (8%)
- Bike-Street: 14 (1%)
- Bike-Sidewalk: 29 (2%)
- Skate / Other: 16 (1%)
PB COUNTS - Average Hourly Counts
August 8, 2015 – 3pm – 5pm

Cass St. – between Bayard & Cass

- Motor Vehicles, 502 (75%)
- Pedestrian, 132 (19%)
- Bike-Sidewalk, 6 (1%)
- Bike-Street, 26 (4%)
- Skate / Other, 6 (1%)

Bayard – between Emerald & Felspar

- Motor Vehicles, 352 (80%)
- Pedestrian, 52 (12%)
- Bike-Sidewalk, 5 (1%)
- Bike-Street, 28, (6%)
- Skate / Other, 5 (1%)
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

PB COUNTS
Pedestrian Average Hourly Count
August 8, 2015, 3pm-5pm

Bar chart showing pedestrian counts for various streets:
- Beryl
- Law
- Chalcedony
- Emerald
- Felspar
- Garmet
- Hornblend
- Grand
- Thomas
- Reed
- PB Drive
- Bayard
- Cass
- Dawes

Counts for East/West and North/South directions are indicated by blue bars.
Bicycle Average Hourly Count
August, 8 2015, 3pm-5pm

PB COUNTS

[Bar chart showing the bicycle count per street and direction for August 8, 2015, 3pm-5pm.]
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.
PB COUNTS

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).

• Despite the demand for bicycle and pedestrian infrastructure there is no equal share of investment as compared to motor vehicles.
PB COUNTS

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