Countywide Bicycle and Pedestrian Count Program and Trends Report

ACTAC Meeting
October 4, 2011
Why count walkers and bicyclists?

- Assess countywide trends in walking and bicycling
- More frequent data than from other data sources
- Can assist with improving transportation models
Annual bike/ped count program

- 63 intersections throughout the county (in 2010 & 2011)
- Selection criteria:
  - Locations where counts have been conducted historically
  - Geographic equity by planning area
  - Locations on Countywide Bicycle and/or Pedestrian Networks
  - Variety of land uses, land use density and street types
  - Some locations near transit, multi-use trails and schools
Count report data sources

• Nine years of count data: 2002 to 2010
• Data collected by several different agencies:
  • Alameda CTC
  • UC Berkeley’s SafeTREC
  • Local jurisdictions for LOS Monitoring Report
  • MTC
• Data from 99 sites, representing all parts of the county
## Pedestrian Data Sources

<table>
<thead>
<tr>
<th>Year</th>
<th>Source Agency</th>
<th># Count Sites</th>
<th>AM</th>
<th>Mid-day</th>
<th>School</th>
<th>PM</th>
<th>Weekend</th>
<th>Data Collection Months</th>
<th>Hourly Data?</th>
<th>Gender Data?</th>
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<tbody>
<tr>
<td>2002</td>
<td>MTC</td>
<td>13</td>
<td>7-9am</td>
<td>12-2pm</td>
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<td>4-6pm</td>
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<td>Sept, Oct</td>
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<td>May, June</td>
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<tr>
<td></td>
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<td>9-11am, 12-2pm, 3-5pm</td>
<td>April, May, June, July</td>
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Overall Trends

• Trend is upward!
  – Bicycling is up 50% (2004 to 2010, PM)
  – Walking is up 68% (2003 to 2010, PM)
Pedestrian PM Period

- Dublin Blvd and Scarlett Dr (Iron Horse Trail), Dublin
- Bancroft Ave and Estudillo Ave, San Leandro
- 66th Ave and San Leandro St, Oakland
- Decoto Rd and Alvarado-Niles Rd, Union City
- Grand Ave and Staten Ave, Oakland
- Fremont Blvd and Mowry Ave, Fremont
Bicyclist PM Period

- Stoneridge Dr and Hopyard Rd, Pleasanton
- Grand Ave and Oakland Ave, Piedmont
- Paseo Padre Parkway and Mowry Ave, Fremont
- Hesperian Blvd and Lewelling Blvd, County
- East St and Vasco Rd, Livermore

- Atlantic Ave and Webster St, Alameda
- San Pablo Ave and 40th St, Emeryville
- Telegraph Ave and 27th St, Oakland
- Hearst Ave and Milvia St, Berkeley
Gender Trends

Pedestrians
- 48% Female, 52% Male
- Minimal change across the three years

Bicyclists

Year | Male | Female |
---- |-----|-------|
2008 | 82% | 18%   |
2009 | 76% | 24%   |
2010 | 74% | 26%   |
Helmet Usage by Bicyclists

No Helmet 49%

Helmet 51%
Recommendations

• Continue annual count program
• Minimum of 30 locations
• Work with local and regional agencies to collectively count at 100 sites
• In future, analyze counts by planning area and possibly local jurisdiction
Feedback & Questions

• Should the report analysis be changed or should additional analysis approaches be used?
• Are there better ways to illustrate the data?
• Is there additional data that should be collected?
• Any other input or questions?