BIKEWAYS STRATEGY AND FEASIBILITY STUDIES
FOR SUPERVISORIAL DISTRICT 5

Presentation to:
CAC Bicycle & Pedestrian Subcommittee
PROJECT OVERVIEW: PROCESS/PAGE

Bikeways Strategy
Build consensus on regional corridors

Feasibility Studies
Develop conceptual plans and design recommendations for top corridors

Local Implementation
PROJECT STATUS

- PDT Meeting #1
- PDT Meeting #2
- Focus Group Meeting: Northern Area Cities
- Focus Group Meeting: Central Area Cities
- Focus Group Meeting: Coastal Cities

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- OCCOG TAC Meeting – April 1
- PDT #3 Meeting – April 16
- PDT #4 Meeting – TBD
DRAFT BIKEWAY EVALUATION CRITERIA

1. Trip Demand - BPI
2. Level of Traffic Stress - LTS
3. Safety Factor - Bike Collisions
4. Completes the Corridor
5. Completes the Network
6. Public Support
7. Constraints - Slope
8. Economic Efficiency - Benefit/Cost
LEVEL OF TRAFFIC STRESS

DRAFT

Criteria for Level of Traffic Stress (LTS)

<table>
<thead>
<tr>
<th>Factors</th>
<th>LTS 1</th>
<th>LTS 2</th>
<th>LTS 3</th>
<th>LTS 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bike Facility</td>
<td>Class II</td>
<td>Class II</td>
<td>None or Class III</td>
<td>Class II</td>
</tr>
<tr>
<td>Number of Lanes</td>
<td>2</td>
<td>No effect</td>
<td>2-3</td>
<td>2-3</td>
</tr>
<tr>
<td>Speed (mph)</td>
<td>Up to 25</td>
<td>30</td>
<td>Up to 25</td>
<td>30</td>
</tr>
</tbody>
</table>

(No effect) = Factor does not trigger an increase to this level of traffic stress.
BICYCLE-RELATED COLLISION DENSITY
OCTA District 5 Bikeways Collaborative

DRAFT

LEGEND

COLLISION DENSITY

High

Low

Supervisors District 5 Boundary

Source: 2017-2019 Statewide Integrated Traffic Records System/Sparks/Sharpe, California State
ECONOMIC EFFICIENCY

- Measures the financial benefits associated with corridor, normalized by the number of anticipated users and divided by the rough order construction cost estimates.
- Estimates potential bicycle commuters between ¼ mile, ½ mile, and 1 mile from corridor.
- Assigns a cost factor to mobility, health, and recreational benefits to potential new bicycle commuters.
NEXT STEPS

➢ Continue Drafting Corridors

➢ Continue Refining Evaluation Criteria

➢ Conduct District 5 Public Workshop (late May)

➢ Questions?