## Bicycle Strategy Key Steps for 2013

<table>
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<th>Step 1</th>
<th>Step 2</th>
<th>Step 3</th>
<th>Step 4</th>
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<tbody>
<tr>
<td>Create and approve needs / gap closure assessment methodology for bicycle comfort.</td>
<td>Complete the needs / gap closure assessment.</td>
<td>Develop a Capital Program for the FY 2013-2018 time frame.</td>
<td>Design and implement key projects, including necessary approvals and environmental clearance.</td>
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<td>Establish an “Eight-to-Eighty” bicycle ride team and leverage crowdsourcing resources for data collection.</td>
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- Rider Comfort Assessment Methodology
- Gap Closure Methodology
- Phased Implementation
Rider Comfort Assessment Methodology

• All bicycle routes start with 5 points
• Negative factors that detract from rider comfort
  – Proximity to rail – minus 1 point
  – Speed 30-35 – minus 1 point
  – Speed 40-45 – minus 2 points
  – Proximity to fwy/hwy – minus 2 points
  – Proximity to Muni Rapid route – minus 1 point
  – Proximity to severe bicycle crash - minus 1 point
• Positive factors that add to rider comfort
  – Bicycle lane – plus 1 point
  – Bicycle path – plus 2 points
  – Innovative facility – plus 1 point
• Terrain not included in current phase (traffic exposure only)
  – Dependent on various personal fitness levels and bicycle types
Methodology for Network Assessment

Level of Traffic Stress 1-4

LTS 1 Everyone feels comfortable to ride

LTS 2 Adults feel comfortable to ride

LTS 3 “Enthused and Confident” will ride

LTS 4 Only “Strong and Fearless” will ride
Less than 10% of the network is comfortable for most people
Focus on the 50 miles of primary corridors
Applying Methodology Assessment
Primary Corridor “Ocean to Embarcadero” route
Applying Assessment to Hot Spots

Example of upgrade at Valencia and Market Intersection
Strategic Network Gap Closure Opportunities

Gap Analysis

• Input & Feedback
• Prioritization
  – Short term
  – Mid Term
  – Long Term
Funding Needs Investment Scenarios

• **Strategic Plan Scenario:**
  - $200 million through 2018
  - 8-9% Mode Share

• **System Build-out Scenario:**
  - $600 million
  - >15% mode share

• **Mayor’s Transportation Task force**
  - Funding strategy recommendations fall 2013
Next Steps

- Receive Public input and feedback on needs assessment and gap closure
- Identify and prioritize projects for inclusion in the 5-Year Capital Improvement Program
- Review project delivery capacity and focus on primary corridors
- Identify funding plan for capital investments and maintenance needs from Mayor’s transportation taskforce