Enhanced bikeway network study
Guiding documents

County Board resolution 17-0381R1

2040 Bicycle Transportation Plan
Study goals

- Review county roadways to determine suitability for enhanced bicycle infrastructure
- Evaluate estimated construction and maintenance costs and assess changes to county’s cost participation policy
- Identify list of roadways potentially suitable for enhanced bikeways
Existing enhanced bikeway network
Enhanced bikeway network gaps
Bikeway types addressed in study

On-Street Protected

Curb Protected/Cycle Track
## Analysis criteria

### Level 1 Criteria - Bicycle Level of Traffic Stress Analysis
- AADT (Vehicle Volumes)
- Speed limit
- Through lanes
- Bicycle facility/parking lane width
- Bike crashes

### Level 2 Criteria – Prioritization Factors
- Bikeway network connections – emphasis on regional trail network
- Existing demand and bicycle volume
- Future project opportunities
- Equity
Construction – cost estimates

Cost range

$30,000 | $100,000 | $200,000 | $300,000 | $400,000 | $500,000 | $600,000

On-street protected

Cycle track

Multiuse trail
Maintenance – cost estimates

Year-round maintenance

- Winter
- Spring/Fall

Start-up costs

- Equipment
- Facility
- Staff
## Next steps

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<thead>
<tr>
<th>Policy issues</th>
<th>Technical issues</th>
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<tbody>
<tr>
<td>• Continued discussion with cities regarding maintenance and cost participation</td>
<td>• Continue studies, plans and projects involving protected bikeways</td>
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<td>• Assess impacts to cost share policy</td>
<td>• Reach out to residents and partner agencies on a project-by project basis</td>
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<td>• Clarify real costs of maintenance to the county and explore possible funding strategies</td>
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