Redesigning an MPO Bikeway Plan

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Developing Strong Local Government through Regional Cooperation
What is a bikeway?
What is a bikeway?
Bicycle Friendly Communities

- San Francisco, CA
- Palo Alto, CA
- Menlo Park, CA
- Stanford University
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• Understated
• Integrated with traffic
  – Driving lanes are narrower too
• Mix of treatments, but continuous
• “Normal”
Applying these principles

Low volume thru streets

Road diets where there’s extra capacity
Applying these principles

Planned bicycle facilities by type

- Bike lanes
- Paved shoulders
- Sharrows or signage
- Trail

Legend:
- Existing
- Existing + Planned
Building a bikeway network

• Goal: Plan a “gold standard” bikeway network for the Waterloo-Cedar Falls area

• Goal: Use best practices from NACTO, etc. to determine feasible treatments
Building a bikeway network

1.) Consider coverage desired
Building a bikeway network

2.) Classify the bikeway types

- Buffered Bike Lanes
- Bike Lanes
- Paved Shoulders
- Sharrows
- Planned Signed Bike Route
- Trail
- On-Road Path
Building a bikeway network

2.) Classify the bikeway types

- Buffered Bike Lanes
- Bike Lanes
- Paved Shoulders
- One-Way Bike Lane
- Uphill Bike Lane, Downhill Sharrows
- Sharrows
- Planned Signed Bike Route
- Trail
- On-Road Path
Building a bikeway network

3.) Make sure it’s feasible
3.) Make sure it’s feasible
Building a bikeway network

4.) Start “building” with easiest cases first
Building a bikeway network

5.) Approach it like it will all be built
   – Allows you to look at routes that use different segments of different roads
Building a bikeway network

• Don’t worry about consistency
Building a bikeway network

• Be prepared to explain improvements
  – Short segments are part of unified vision, not piecemeal
Building a bikeway network

• Don’t be afraid to put plan into action
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